

## CONTINUED FROM PART- 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3412/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :03/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PREPARATION OF PYRIMIDINE DERIVATIVES

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)Dr. Reddy<sup>TM</sup>s Laboratories Limited</b>
(32) Priority Date	:NA	Address of Applicant :Dr.Reddys laboratories Ltd 8-2-337
(33) Name of priority country	:NA	Road No. 3 Banjara hills Hyderabad 500034. Andhra
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	<b>2)Dr.Reddy<sup>TM</sup>s Laboratories Inc.</b>
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	<b>1)Gilla Goverdhan</b>
Filing Date	:NA	<b>2)Kurella Sreenivasulu</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to improved processes for preparation of pyrimidine derivatives.

No. of Pages : 19 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3413/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :03/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : CONTAINERIZED SIMULATION SYSTEM

(51) International classification	:F41A	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)ZEN TECHNOLOGIES LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :B-42, INDUSTRIAL ESTATE,
(33) Name of priority country	:NA	SANATHNAGAR, HYDERABAD - 500 018 Andhra Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)KISHORE DUTT ATLURI</b>
(61) Patent of Addition to Application Number	:NA	<b>2)M RAVI KUMAR</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a containerized simulation system including a container assembly constructed from a plurality of machine welded components. The container assembly including a compartment for housing an air conditioning means, and a roof assembly movable in vertical direction on actuating a displacement drive arrangement. The container assembly housing a replicated compartment releasably attached to a motion base, an instructor terminal for enabling the instructor to perform an exercise control function, monitor the crew member's actions and the like, a visual terminal to generate a dynamically changing simulated scenic imagery of a predefined battlefield for the crew member, and an input output module interfaced with the instructor terminal, and the visual terminal for defining one or more input output operations to/from the set of means, and the motion base thereof.

No. of Pages : 29 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3489/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :10/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYSTEM FOR COMPUTING OPTIMUM SOLUTIONS

(51) International classification

:G06Q

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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**2)KISHORE KUMAR DAS**

**3)PRANJAL SAIKIA**

**4)A SANDEEP**

**5)DR. DESAI CHITRA RAO**

**6)VEENA VUDATALA**

(57) Abstract :

A system for computing an optimum solution for a service is provided. The system comprises one or more computing devices configured to enable a plurality of users to provide a plurality of input parameters to solicit one or more services. The system further includes a server system configured to communicate with the plurality of computing devices and configured to execute an optimization module, wherein the optimization module is configured to generate the optimum solution based on the plurality of input parameters and compute a lowest cost of the one or more services.

No. of Pages : 24 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3490/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :10/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : FRAME PROCESSING IN A MULTIPLE INPUT MULTIPLE OUTPUT NETWORK ENVIRONMENT

(51) International classification :H04W  
(31) Priority Document No :NA  
(32) Priority Date :NA  
(33) Name of priority country :NA  
(86) International Application No :NA  
Filing Date :NA  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
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66/1 Bagmane Tech Park C V Raman Nagar Byrasandra  
Bangalore 560093 Karnataka India  
(72)**Name of Inventor :**  
**1)PATIL SANDHYA**  
**2)KIM YOUNGSOO**

(57) Abstract :

A method and apparatus for processing a frame in a multiple input multiple output (MIMO) network environment. In one embodiment, a physical (PHY) layer of a mobile station determines whether unique identifier indicated in a header of a frame is associated with mobile station. If the unique identifier is not associated with mobile station, the PHY layer provides an indication to a Medium Access Control (MAC) layer that the frame is not intended for the mobile station. If the unique identifier is not associated with mobile station, then the PHY layer determines whether one or more spatial streams are to be directed to the mobile station. If no spatial streams are directed, the PHY layer provides an indication to the MAC layer that the frame is not intended for the mobile station. Accordingly, the MAC layer initiates transmission of a next frame sequence without applying extended inter-frame spaces (EIFS) duration.

No. of Pages : 15 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3494/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :11/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : HEAT AND ACID COAGULATED LOW FAT MILK SOLIDS/LOW FAT PANEER AND ITS PROCESS OF MANUFACTURE

(51) International classification	:A23L	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)CAVINKARE PVT. LTD.</b>
(32) Priority Date	:NA	Address of Applicant :CAVIN VILLE, NO. 12,
(33) Name of priority country	:NA	CENOTAPH ROAD, CHENNAI - 600 018 Tamil Nadu India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)MAKHAL S.</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Low fat milk composition/ low fat milk comprising effective fat and solid non-fats (SNF's) based content respectively together with protein content sourced from microparticulated Whey Protein Concentrate (WPC) for the desired characteristic taste and flavour profile similar to normal full fat milk. Heat and acid coagulated low fat milk solids/ low fat Paneer and food products suitable for consumption as unprocessed / raw or processed / treated food product comprising the same as obtained from the said low fat milk and a process for preparation of the same is provided, possessing improved health attributes by virtue of its increased protein content being 18.8 - 40% higher and reduced fat content being 60 - 75% less compared to than that of regular full fat Paneer.

No. of Pages : 21 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3325/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :26/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A PROTECTION SWITCHING METHOD AND SYSTEM FOR A MULTI-ROOTED POINT-TO-MULTI-POINT SERVICE IN A PROVIDER BACKBONE BRIDGE (PBB) NETWORK

(51) International classification

:H04L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

**1)Somnath Ojha**

**2)Vinod Kumar Madaiah**

(57) Abstract :

The present invention relates to a protection switching method and system for a Multi-Rooted Point-to- Multi-point Service in a Provider Backbone Bridge (PBB) network.

No. of Pages : 30 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3501/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :12/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : CATALYTIC CONVERTOR MOUNTING

(51) International classification	:F01N	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)TVS MOTOR COMPANY LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :JAYALAKSHMI ESTATES•
(33) Name of priority country	:NA	NO.29 (OLD NO.8) HADDOWS ROAD, CHENNAI 600 006
(86) International Application No	:NA	Tamil Nadu India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)NITIN KUMAR</b>
(61) Patent of Addition to Application Number	:NA	<b>2)BOOBALAN MANI</b>
Filing Date	:NA	<b>3)MALUVADU SUNDARAMAN ANANDKUMAR</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention describes an exhaust gas path construction for an exhaust system of an internal combustion engine for optimal use of outer surface of a hot tube catalytic converter present in the said exhaust system. The hot tube catalytic converter is placed against the flow of exhaust gases and on the opposite side of the exhaust gas inlet and the gap between hot tube catalytic converter and a hot tube catalytic converter cover is blocked at the exhaust pipe outlet side to provide effective conversion of pollutants.

No. of Pages : 15 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3502/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :12/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A WHEEL HUB ASSEMBLY FOR A MOTORCYCLE

(51) International classification	:B62K	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)TVS MOTOR COMPANY LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :JAYALAKSHMI ESTATES• ,
(33) Name of priority country	:NA	NO.29 (OLD NO.8) HADDOWS ROAD, CHENNAI 600 006
(86) International Application No	:NA	Tamil Nadu India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)GANESH BUDDIGA</b>
(61) Patent of Addition to Application Number	:NA	<b>2)RENGARAJAN BABU</b>
Filing Date	:NA	<b>3)WINNEY KAKKANATTU MATHEWS</b>
(62) Divisional to Application Number	:NA	<b>4)MADIWALAPPAGOUD PATIL</b>
Filing Date	:NA	

(57) Abstract :

Present invention provides a wheel for a motor vehicle in which the axle is passing through a modified brake assembly. Said brake assembly has a brake drum which is housing brake shoe. Said brake assembly further has spacers secured between multiple bearings further secured around the axle. Brake lever of said brake assembly is fixed over brake panel which is supporting the brake drum cover. The brake drum cover is housing the brake drum such that grooved ring is fixed around the brake drum.

No. of Pages : 9 No. of Claims : 3



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3504/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :12/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : INDUCTION MOTOR&NBSP; COMPRESSOR AND REFRIGERATING CYCLE APPARATUS

(51) International classification	:H02K	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-292271	<b>1)MITSUBISHI ELECTRIC CORPORATION</b>
(32) Priority Date	:28/12/2010	Address of Applicant :7-3 Marunouchi 2-chome Chiyoda-
(33) Name of priority country	:Japan	ku Tokyo 100-8310 Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)TSUTSUMI Takahiro</b>
(87) International Publication No	: NA	<b>2)YABE Koji</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The efficiency of an induction motor is improved while suppressing the generation of magnetic flux saturation of a rotor core. In an induction motor a magnetic path width of a rotor• which is the product of a circumferential width of a rotor tooth formed in the rotor and the number of rotor teeth is equal to or larger than a magnetic path width of a stator• which is the product of a circumferential width of a stator tooth formed in the stator and the number of stator teeth.

No. of Pages : 26 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3505/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :12/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SADDLE-RIDE-TYPE VEHICLE

(51) International classification	:B62J	(71)Name of Applicant :
(31) Priority Document No	:2010-233828	1)HONDA MOTOR CO. LTD.
(32) Priority Date	:18/10/2010	Address of Applicant :1-1 Minami-Aoyama 2-chome
(33) Name of priority country	:Japan	Minato-ku Tokyo 107-8556 Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SUZUKI Toshiya
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

[Problem] To provide .a technique which can effectively - make use of a traveling wind which hits shrouds. [Means for Resolution] A motorcycle 10 includes shrouds 35 which are arranged on left and right sides of a fuel tank 16 in the vehicle widthwise direction and are supported on the fuel tank 16. The shrouds 35 are integral bodies formed of two parts consisting of an outer shroud 44 arranged on an outer side of a vehicle and an inner shroud 43 arranged inside the outer shroud 44 in the vehicle widthwise direction. An opening portion 68 which opens toward a side of the vehicle is formed in the outer shroud 44 and a rib which leads a traveling wind to the opening portion 68 extends from one of the inner shroud 43 and the outer shroud 44 to the other of the inner shroud 43 and the outer shroud 44.

No. of Pages : 42 No. of Claims : 7

(54) Title of the invention : EBULLATED BED HYDROTREATING PROCESS OF HEAVY CRUDE OIL•

(51) International classification :C10G  
 (31) Priority Document No :201010509320.1  
 (32) Priority Date :13/10/2010  
 (33) Name of priority country :China  
 (86) International Application No :NA  
     Filing Date :NA  
 (87) International Publication No : NA  
 (61) Patent of Addition to Application Number:NA  
     Filing Date :NA  
 (62) Divisional to Application Number :NA  
     Filing Date :NA

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1)FANG Xiangchen

2)SUN Suhua

3)ZHU Huihong

4)WANG Gang

5)LIU Jie

6)YANG Guang

7)YUAN Shenghua

8)CAI Li

## (57) Abstract :

The present invention relates to an ebullated bed hydrotreating process of a heavy crude oil, wherein a heavy crude oil and hydrogen are introduced into an ebullated bed hydrotreating reactor from the bottom of the reactor for carrying out reaction under the heavy crude oil hydrotreating conditions, and then the reaction products are discharged from the top of the reactor; wherein a mixed catalyst is used in the ebullated bed hydrotreating reactor, said mixed catalyst is a physical mixture of at least two catalysts, said two catalysts are Catalyst A and Catalyst B, the mixed volume ratio of Catalyst A to Catalyst B is 1: (0.1-10); wherein Catalyst A has a specific surface area of 80-200m<sup>2</sup>/g and an average pore diameter of more than 20 nm, the pore volume of the pores having a pore diameter of 30-300nm comprises 35 vol. %-60 vol. % of the total pore volume of Catalyst A; Catalyst A contains 1.0 wt%-10.0 wt% of a metal oxide of group VIB, and 0.1 wt%-8.0 wt% of a metal oxide of group VIII, by the total weight of Catalyst A; and wherein Catalyst B has a specific surface area of 180-300m<sup>2</sup>/g and an average pore diameter of 9-15nm, the pore volume of the pores having a pore diameter of 5-20 nm comprises at least 70 vol. % of the total pore volume of Catalyst B; Catalyst B contains 3.0 wt%-20.0 wt% of a metal oxide of group VIB, and 0.3 wt%-8.0 wt% of a metal oxide of group VIII, by total weight of Catalyst B. The process of the present invention can effectively improve the operation performance of the ebullated bed residue hydrotreating technique and enhance its hydrogenation activity level and operation adaptability.

No. of Pages : 49 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3442/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :04/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A SYSTEM AND A METHOD OF CONFIGURING RADIO ACCESS NETWORK PARAMETERS FOR A USER EQUIPMENT CONNECTED TO A WIRELESS NETWORK SYSTEM

(51) International classification :H04W  
(31) Priority Document No :NA  
(32) Priority Date :NA  
(33) Name of priority country :NA  
(86) International Application No :NA  
Filing Date :NA  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
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(72)**Name of Inventor :**  
**1)BAGHEL Sudhir Kumar**  
**2)MANEPALLI Venkateswara Rao**

(57) Abstract :

The present invention relates to a method of configuring a set of Radio Access Network (RAN) parameters including Discontinuous Reception (DRX) configurations for user equipment in a wireless networking system. The method includes determining traffic characteristics associated with user equipment based on the number and types of applications running in it. The method further includes steps of modifying and updating the DRX configurations and the RAN parameters for different situations of wireless transmission and reception. The updated DRX configurations and the RAN parameters for communication with the user equipment results in an efficient power consumption management.

No. of Pages : 41 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3516/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :13/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN IMPROVED TOP ARM FOR TEXTILE MACHINES

(51) International classification	:D01H	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LAKSHMI MACHINE WORKS LTD.
(32) Priority Date	:NA	Address of Applicant :PERIANAICKENPALAYAM,
(33) Name of priority country	:NA	COIMBATORE 641 020 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)NARAYANASWAMY KRISHNAKUMAR
(87) International Publication No	: NA	2)GOVINDARAJULU MANI
(61) Patent of Addition to Application Number	:NA	3)PERUMALSAMY RAMAMOORTHY
Filing Date	:NA	4)ALANGAYAM KRISHNAN CHANDIRAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved and user friendly operation of top arm in the spinning machines such as ring spinning, yarn twisting or processing and other similar textile processing machines. This invention is particularly related with the construction of simple and improved design for locking and unlocking operation of the top arm over the drafting elements of the spinning machines. Said mechanism comprises links or members configured by an additional pin, and its profile for sliding with a groove for the ease of locking and unlocking operation of the top arm in the textile yarn spinning machines.

No. of Pages : 20 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3519/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :13/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PIPE JOINT

(51) International classification	:B65D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-231186	<b>1)PIOLAX INC.</b>
(32) Priority Date	:14/10/2010	Address of Applicant :51 IWAI-CHO, HODOGAYA-KU,
(33) Name of priority country	:Japan	YOKOHAMA-SHI, KANAGAWA 240-0023 Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)FURUYA, MASASHI</b>
(87) International Publication No	: NA	<b>2)OHTA, TAKAYUKI</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

According to one embodiment, there is provided a pipe joint including: a main body; a flange part; and a pipe part, wherein the pipe joint is integrally molded using synthetic resin so that the flange part is to be welded to a peripheral edge of an opening of a resin fuel tank and a connection tube 1\$ to be press-fitted onto an outer periphery of the pipe part, wherein the flange part and the pipe part are connected to each other through a connection rib, and wherein a connection portion of the connection rib, adjacent to the pipe part, is thicker than a connection portion of the connection rib, adjacent to the flange part.

No. of Pages : 28 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3520/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :13/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR DETECTING MISSING INKJETS IN AN INKJET PRINTER USING IMAGE DATA OF PRINTED DOCUMENTS WITHOUT A PRIORI KNOWLEDGE OF THE DOCUMENTS

(51) International classification	:B41J	(71)Name of Applicant :
(31) Priority Document No	:12/906,694	<b>1)XEROX CORPORATION</b>
(32) Priority Date	:18/10/2010	Address of Applicant :45 GLOVER AVENUE, P.O. BOX
(33) Name of priority country	:U.S.A.	4505, NORWALK CONNECTICUT 06856-4505 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)WU, WENCHENG</b>
(87) International Publication No	: NA	<b>2)DALAL, EDUL, N.</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method detect missing inkjets in an Inkjet image generating system. The system and method generate digital images of printed documents that do not have test pattern data within them. The digital images are processed to detect light streaks and the positions of the light streaks are correlated to inkjet positions in printheads. Identification of the ink color associated with the correlated inkjet positions are obtained with analysis of color separated images and/or color errors.

No. of Pages : 45 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3522/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :13/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : Process For Preparation Of Tadalafil

(51) International classification	:C07D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)Dr. Reddy<sup>TM</sup>s Laboratories Limited</b>
(32) Priority Date	:NA	Address of Applicant :Dr.Reddys laboratories Ltd 8-2-337
(33) Name of priority country	:NA	Road No. 3 Banjara hills Hyderabad Andhra Pradesh
(86) International Application No	:NA	500034. India
Filing Date	:NA	<b>2)Dr.Reddy<sup>TM</sup>s Laboratories Inc.</b>
(87) International Publication No	: NA	(72) <b>Name of Inventor :</b>
(61) Patent of Addition to Application Number	:NA	<b>1)Vedantham Ravindra</b>
Filing Date	:NA	<b>2)Sakthivel Shanmugam</b>
(62) Divisional to Application Number	:NA	<b>3)Rakeshwar Bandichhor</b>
Filing Date	:NA	

(57) Abstract :

Process for preparation of tadalafil and its derivatives along with their isomers using new amide intermediates.

No. of Pages : 14 No. of Claims : 4



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3530/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :14/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A HEATING ELEMENT FOR HEATING AN AQUEOUS SOLUTION IN A TANK AND A METHOD THEREOF

(51) International classification

:G01F

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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**2)ROBERT BOSCH GMBH**

(72)Name of Inventor :

**1)SOBIN FRANCIS**

(57) Abstract :

A heating element (500) in a tank (100) for heating an aqueous solution stored in the tank (100) and a method thereof, the heating element (500) comprises, an electrically conductive core (510) located in the tank (100), a winding on the electrically conductive core wherein at least one part of the winding is made of an electromagnetic element (501) and at least another part of the winding is made of a positive temperature coefficient element (502). The heating element further comprises a control device (700) for controlling a current pattern (601, 602) flowing through the winding (501,502) of the heating element (500).

No. of Pages : 16 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3437/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :04/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYNCHRONIZER FOR MANUAL RECLINER

(51) International classification	:B60N	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:10 2010	<b>1)LEAR CORPORATION</b>
(32) Priority Date	042 057.3	Address of Applicant :21557 TELEGRAPH ROAD,
(33) Name of priority country	:06/10/2010	SOUTHFIELD, MICHIGAN 48033 U.S.A.
(86) International Application No	:Germany	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)ECKHARD NOCK</b>
(87) International Publication No	:NA	<b>2)NORBERT HERTLING</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A recliner assembly for a vehicle seat that has a pair of adjustable recliners are disposed on opposite sides of the seat that connect a seat back to a seat base. The recliners are shifted between a locked position and an unlocked position by manually pivoting a connector rod. Each recliner has a gear plate and a guide plate that are each associated with one of the seat base and seat back. An easy entry module is also provided to release the seat back to pivot over the seat base to provide access to an area behind the seat back. A static connector may be provided that connects the gear plates of each of the pair of recliners and retains the gear plates of each recliner in alignment with the corresponding gear plate of the other recliner.

No. of Pages : 18 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3438/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :04/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : MOTOR-DRIVEN COMPRESSOR

(51) International classification	:B22D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-227826	<b>1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI</b>
(32) Priority Date	:07/10/2010	Address of Applicant :2-1, TOYODA-CHO, KARIYA-SHI, AICHI-KEN Japan
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)YAMADA, TETSUYA</b>
Filing Date	:NA	<b>2)SUITOU, KEN</b>
(87) International Publication No	: NA	<b>3)ENAMI, SHINGO</b>
(61) Patent of Addition to Application Number	:NA	<b>4)FUJII, AKIO</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A motor-driven compressor includes a shell, an electric motor provided in the shell, a first conductor extended through the shell and electrically connected to an external power source, a second conductor electrically connected to the electric motor, a connector connecting the first conductor and the second conductor and a connector case receiving the connector. The connector case has a first case member including a first seal surface extending along the periphery of the first case member, a second case member including a second seal surface extending along the periphery of the second case member and facing the first seal surface, a first seal member interposed between the first and second case members and having a first main seal that is joined to the first seal surface, a second seal member interposed between the first and second case members and having a second main seal that is joined to the second seal surface, a hole through which the first conductor is inserted and a third seal member provided in the connector case and sealing between the first conductor and the connector case. The first main seal and the second main seal cooperate to form a cylindrical seal portion for sealing the second conductor that is inserted through the cylindrical seal portion when the first and the second seal members are joined.

No. of Pages : 32 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3439/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :04/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : IMAGE PROCESSING APPARATUS&NBSP; IMAGE PROCESSING METHOD&NBSP; INKJET PRINTING APPARATUS&NBSP; AND INKJET PRINTING METHOD

(51) International classification	:B41J	(71)Name of Applicant :
(31) Priority Document No	:2010-225744	1)CANON KABUSHIKI KAISHA
(32) Priority Date	:05/10/2010	Address of Applicant :30-2 Shimomaruko 3-chome Ohta-
(33) Name of priority country	:Japan	ku Tokyo Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GOTO Fumitaka
(87) International Publication No	: NA	2)MIYAKE Nobutaka
(61) Patent of Addition to Application Number	:NA	3)IKEDA Tohru
Filing Date	:NA	4)YAMADA Akitoshi
(62) Divisional to Application Number	:NA	5)ONO Mitsuhiro
Filing Date	:NA	6)IGUCHI Ryosuke
		7)KAGAWA Hidetsugu
		8)ISHIKAWA Tomokazu
		9)NAKAGAWA Junichi

(57) Abstract :

The invention decreases the enlargement of memory and processing time for the correction of image data carried out to reduce image deterioration caused by nozzle ejection characteristic variation in an inkjet printing apparatus. Print heads are provided with pluralities of chips that have nozzle arrays formed from a plurality of nozzles. The overlap portions and non-overlap portions are formed on each chip. An image processing apparatus sets input image data which correspond to nozzle regions that are defined in nozzle arrays along the alignment direction of the nozzles of the print head and that are composed of a plurality of nozzles as processing blocks. The input image data is processed according to parameters defined for each of those processing blocks. The boundaries of the nozzle regions corresponding to the input image data of the processing blocks are established according to the boundaries of the overlap portions and the non-overlap portions.

No. of Pages : 58 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.344/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : MOTORCYCLE

(51) International classification	:B62K	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-020572	<b>1)HONDA MOTOR CO., LTD.</b>
(32) Priority Date	:02/02/2011	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)INUI, SHUJIRO</b>
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

[Object] To provide a motorcycle allowing a reduction in the length of a charging electric cable. [Solving Means] Provided is a motorcycle 1 that includes a vehicle body 2, a front wheel WF, a rear wheel WR, a motor, and a battery configured to supply power to the motor and which travels using a driving force of the motor, the motorcycle 1 including: a step 14 which is placed between the front wheel WF and the rear wheel WR in a side view and on which a rider puts his or her feet; a side cover 17 which covers a lateral side of the vehicle body 2; a charging electric cable 41 which is used for charging from outside of the motorcycle 1; an electric cable housing unit 20 which is used to house the charging electric cable 41 in the vehicle body 2 and in which the charging electric cable 41 is connected to the vehicle body 2; and a housing opening portion 21, which is opened for inserting or removing a leading end portion 42 of the charging electric cable 41 into or from the electric cable housing unit 20, in which the motorcycle 1 further includes an opening lid 22, which closes the housing opening portion 21, and the housing opening portion 21 is at least located under the step 14 and provided to the side cover 17. .

No. of Pages : 53 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3423/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :03/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR CLOUD ENTERPRISE SERVICES

(51) International classification	:G06F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:61/390,037	<b>1)Accenture Global Services Limited</b>
(32) Priority Date	:05/10/2010	Address of Applicant :3 Grand Canal Plaza Grand Canal
(33) Name of priority country	:U.S.A.	Street Upper Dublin 4 IRELAND
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)Sean Robert KAMPAS</b>
(87) International Publication No	: NA	<b>2)Adam Ryan TARKOWSKI</b>
(61) Patent of Addition to Application Number	:NA	<b>3)Charles Michael PORTELL</b>
Filing Date	:NA	<b>4)Nina BHATTI</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Novel methods and systems are provided for integrating multi-provider cloud computing operations and architectures by using service-oriented orchestration to create a provider and platform agnostic cloud computing framework. This approach aggregates core cloud computing functions including service provisioning automating work flows and data and usage monitoring across combined services thereby improving a data centers ability to execute operations quickly under standardized protocols and with consistent quality of service.

No. of Pages : 49 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3425/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :03/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : MOVEABLE HEAD RESTRAINTS FOR VEHICLE SEATS

(51) International classification	:B60N	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:10 2010	<b>1)LEAR CORPORATION</b>
(32) Priority Date	041 941.9	Address of Applicant :21557 TELEGRAPH ROAD,
(33) Name of priority country	:04/10/2010	SOUTHFIELD, MICHIGAN 48033 U.S.A.
(86) International Application No	:Germany	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)RALPH FEY</b>
(87) International Publication No	:NA	<b>2)ZDZISLAW SOBIESKI</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A vehicle head restraint assembly has a guide member mounted proximate to a vehicle seat back. A head restraint is mounted to another guide member. A button actuator is mounted to an outboard side of the head restraint for movement of the button actuator in a direction perpendicular to a lateral direction of the head restraint. A locking mechanism cooperates with the first guide member and the second guide member for locking the second guide member relative to the first guide member. The locking mechanism is connected to the button actuator so that actuation of the button actuator disengages the locking mechanism and permits adjustment of the position of the head restraint relative to the vehicle seat back.

No. of Pages : 35 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3426/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :03/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : DESCRETE FRACTAL EDGE WAVELET PHONOCARDIOGRAPHY DETECTION

(51) International classification

:A61B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)DR. AJITH KUMAR V.S.**

Address of Applicant :KUNNIL HOUSE, T.C.11/1266,  
Y.M.R JUNCTION, NANTHENCODE P.O. TRIVANDRUM -  
695 003 Kerala India

(72)Name of Inventor :

**1)DR. AJITH KUMAR V.S.**

(57) Abstract :

Recorded as a Phono cardiogram (PCG), heart sounds can reveal circulation problems, heart murmurs, faulty valves and coronary artery disease. So important is the heartbeat to clinicians that the stethoscope is the most recognized equipment in the doctor's armory. But sound recordings have their difficulties, too. They are hard to hear in noisy surroundings and, in any case, the heart generates 'noise' of its own, compounded by noisy signals from imperfect measuring instruments and conditions. There are sounds generated by breathing, by the contact of stethoscope on skin, and even by a fetus if a woman is pregnant. To the ear, this noise can be a hissing or scratchy sound, masking the real sounds of normal or abnormal heart function. When a Phonocardiogram is displayed as a trace on a screen, the noise shows as random spikes, interfering with the true record of the heart's activity. For that reason, PCGs have never realized their true potential as a diagnostic tool. It is a challenge to convert a phonocardiogram into a powerful cardiac diagnostic tool with high resolution and precession to separate true heart sounds from noise. The actual solution lies in trying to effectively de-noising the sound signal. Here We, the inventors use their highly innovative and novel method called Discrete Fractal Wavelet Edge Detection Technique to remarkably de-noise and separate the signals and diagnosing it with normal standards. Using this methods the Inventors are very hopeful of getting iterative standards with high resolution which in their opinion cannot be achieved by any other current methods known. Thus one can see whether there is any difference in the PCG before and after the treatment of hypertension. Our technique also involves the sophisticated use of wave forms. Perhaps the simplest wave forms is a sine wave; a repeating regular series of hills and valleys. The waveform generated by a heartbeat is, by comparison, a complex one, but the two can be related. In fact one of the most powerful tricks in an engineer's mathematical tool bag is Fourier's theorem which maintains that any signal, no matter what it looks like, can be copied exactly by adding together many sine waves of different frequencies. It then follows that a complex signal can be broken down into its sine wave components by Fourier analysis. If the signal has unwanted frequencies, these can then be filtered out. However, for heartbeat signals there is no way to tell what is noise and what is pure heartbeat. Simple filtering doesn't work. Also, complex signals including heartbeat waveforms require millions of sine waves to describe them faithfully. A heartbeat is a sharp and short-lived pulse, whereas a sine wave is a smoothly varying signal that repeats for ever. It was long thought that the sine wave was the fundamental building block of all signals, but engineers now use another kind of waveform termed a 'wavelet.' Wavelets are generally not periodic. Whereas sine waves repeat endlessly, wavelets do so only for a short time, quickly declining to zero. They come in a variety of shapes and, since under certain conditions any signal can be made up from lots of wavelets, signals can be represented as a sum of wavelets instead of sine waves. Our technique called Discrete Fractal Edge Detection Technique can be very effectively used to remove noise from phonocardiogram and de-noise it superbly by coupling it with wavelets thereby calling it as Discrete Fractal Wavelet Edge Detection Technique due to easy Orthogonalisation, thus making the true signal to breakdown smoothly and very efficiently into big and small wave let components, which can then be easily separated. Using Discrete Fractal Edge Detection Technique coupled to wavelets, called as Discrete Fractal Wavelet Edge Detection Technique, the signal is decomposed, and any coefficients below a certain threshold are discarded as noise. The remaining coefficients are then recombined to reconstruct the intact signal. The results, displayed on a computer screen or as a printout can show a startling transformation, with both normal and pathological conditions clearly revealed, free from the masking noise. We are very highly optimistic that this new novel Discrete Fractal Wavelet Edge Detection Technique is likely to have wide-ranging applications in health care, as we aims to produce a system where heartbeat sounds recordings can be easily, cheaply, reliably, and repeatedly recorded in order to promote their use as a diagnostic tool for use by physicians.

No. of Pages : 10 No. of Claims : 7



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3427/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :03/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PREVENTION OF ALGAL DAMAGE AND AVOIDING ANTIBIOTICS IN FRESH WATER PRAWN HATCHERY

(51) International classification

:A01K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)MEERA SAHIB RAWTHER DR. ABDUL LETHIF**

Address of Applicant :AMBIENCE HOMOEEO RESEARCH  
CENTRE AND CLINIC, PRIM ROSE, NEAR AG'S OFFICE,  
JAWAHAR NAGAR, KOZHIKODE - 673 006 Kerala India

(72)Name of Inventor :

**1)MEERA SAHIB RAWTHER DR. ABDUL LETHIF**

(57) Abstract :

Farming of fresh water prawn, macro-brachium roserbergii, popularly known as 'scampi is fast developing in India. Viral, Fungal and protozoal diseases have been reported which affect fresh water prawn larvae. Applying antibiotics and chemicals like formalin malachite green, copper sulphate etc, are in force to prevent disease. This is not a good practice because of the inherent danger of producing resistant strains of bacteria. Many of the commonly used antibiotics are prohibited by the government recently. The 'Prawn Eco Vitalisa, developed from homoeopathic medicine treated, fresh water prawn larval rearing tank, maintained a steady algal density throughout the experimental period, thereby providing a stable and healthy environment for the prawn larvae. The incidents of bacterial, fungal and protozoan infection of the prawn larvae was reduced considerable during the rearing period by using Homoeopathic medicine. The average survival rate from nauplii to post larval stage in the treatment tank was 45% and in control tank the average survival was 35%. That is 10% higher in homoeopathic treated tanks compared to the control tanks.

No. of Pages : 10 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3428/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :03/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : DRY DISTILLATION AND GASIFICATION TYPED INCINERATOR •

(51) International Classification	:F23G	(71)Name of Applicant :
(31) Priority Document No	:2010-224906	<b>1)KINSEI SANGYO CO. LTD.</b>
(32) Priority Date	:04/10/2010	Address of Applicant :788 Yanakamachi Takasaki-shi
(33) Name of priority country	:Japan	Gunma 370-1203 Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)Masamoto KANEKO</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is a dry distillation and gasification typed incinerator capable of saving time and fuels required for combustion aid. In a first phase when a waste material A stored in a dry distillation furnace 1 is ignited till a fire bed is formed the dry distillation and gasification typed incinerator supplies air to the dry distillation furnace 1 through an air supply passage 13. When the waste material A is in a continuous combustion state (a second phase) the oxygen supply to the dry distillation furnace 1 is switched from the air supply by the air supply passage 13 to the concentrated oxygen supply by an oxygen supply passage 15

No. of Pages : 24 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3403/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :30/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A FEED-THROUGH ASSEMBLY

(51) International classification	:B23K	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)GENERAL ELECTRIC COMPANY</b>
(32) Priority Date	:NA	Address of Applicant :1 River Road Schenectady New
(33) Name of priority country	:NA	York 12345 USA.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)RAKESH AHIRE</b>
(87) International Publication No	: NA	<b>2)SHARMILA B H</b>
(61) Patent of Addition to Application Number	:NA	<b>3)PRABHU S</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A feed through assembly, comprising a metal component passed through a ceramic insulator, multi layered joint comprising first portion of braze filler material placed around the metal component; a hollow member of predetermined shape having a flange at one end is placed around the metal component, the flange of the hollow member rests on the first portion of braze filler material second portion of braze filler material placed around the hollow member and is seated onto the flange of the hollow member, ceramic member of predetermined shape placed around the hollow member rests on the second portion of braze filler material and third portion of braze filler material placed around the metal component is seated onto the top surface of the hollow member to form a multi layered joint wherein the multi layered joint is brazed to the ceramic insulator and the metal component to form a feed-through assembly.

No. of Pages : 17 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3545/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :14/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR CHARGING MULTIPLE POWER RECEIVERS IN A WIRELESS CHARGING ENVIRONMENT

(51) International classification	:H04L	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)SAMSUNG INDIA SOFTWARE OPERATIONS</b>
(32) Priority Date	:NA	<b>PRIVATE LIMITED</b>
(33) Name of priority country	:NA	Address of Appl cant :Bagmane Lakeview Block B No.
(86) International Application No	:NA	66/1 Bagmane Tech Park C V Raman Nagar Byrasandra
Filing Date	:NA	Bangalore 560093 Karnataka India Madhya Pradesh India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	<b>1)PATRO Ranjeet Kumar</b>
Filing Date	:NA	<b>2)ARUNAN Thenmozhi</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a wireless power charging system and a method thereof. The system includes a power transmitter configured for charging one or more power receivers. The power transmitter includes a signal and control unit to detect the one or more power receivers present within a radio frequency range of a power transmitter, transmitting a request for discovering each of the one or more power receivers, and determine whether a response is received from the each of the one or more power receivers. The power transmitter further includes a regulator unit connected to the signal and control unit to modulate amount of radiation to be transmitted based on the number of power receivers provided a response and a power conversion unit connected to the regulator unit transmitting energy radiations to charge the one or more power receivers.

No. of Pages : 37 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3546/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :15/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A system and method for collaborative 3D visualization and real-time interaction on a computer network.

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:13233051	<b>1)Ramakrishna Tumuluri</b>
(32) Priority Date	:15/09/2011	Address of Applicant :#46 Villa-Greens Gandipet
(33) Name of priority country	:U.S.A.	Hyderabad AP 500075 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)Ramakrishna Tumuluri</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method that provides groups of users a capability for collaborative 3D visualization and real time interaction on computer networks. Users establish a trust relationship a-priori with other users of their choice and setup sessions for collaborative visualization of 3D Models. Various 3D capable computing devices such as desktop and laptop computers smartphones and tablets are supported. Changes made by a specific user on his 3D Model get replicated on peer users' computer environment thereby simulating an experience of being physically co-located for the purpose of visualization and interaction. Changes to the 3D Model for appearance geometric transformations lighting addition/deletion of sub-objects are supported for collaborative usage. Indexing and querying of 3D models are supported collaboratively. The power of digital certificates is leveraged to provide digital signing capability on changes made to 3D models or related metadata.

No. of Pages : 26 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3556/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :17/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : ISOLATION OF DHA IN HIGHER CONTENT USING A NOVEL MUTANT, BY EMPLOYING SHIFTING DISSOLVED OXYGEN METHODOLOGY

(51) International classification	:C12N	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)VIVIMED LABS LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :2ND FLOOR, VEERANAG
(33) Name of priority country	:NA	TOWERS, HABSIGUDA, HYDERABAD - 500 007 Andhra
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)SHANKHESH.K. VORA</b>
(61) Patent of Addition to Application Number	:NA	<b>2)TALLURI VENKATA SRINIVASA RAO</b>
Filing Date	:NA	<b>3)DESHPANDE SATISH CHANDRA</b>
(62) Divisional to Application Number	:NA	<b>4)SREERAMA MURTHY BRUGUBANDA</b>
Filing Date	:NA	<b>5)RAJ KUMAR DHAR</b>

(57) Abstract :

The present invention relates to a novel high lipid yielding mutant strain of Schizochytriumlimacinum. The invention further provides a novel subculturing methodology for isolation of the stable mutant and its storage-proliferation and lipid producing capabilities. The cultured mutant has further been upscaled using agar-plate method to a pure culture and used for industrial scale fed batch fermentation employing a novel shifting dissolved oxygen level methodology.

No. of Pages : 11 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3334/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :26/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A MULTIPLE FLUID DISPENSER

(51) International classification	:G07F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Shanmukhappa Kuberappa Muttagi
(32) Priority Date	:NA	Address of Applicant :No.2917 14th Main R.P.C.Layout
(33) Name of priority country	:NA	Vijaynagar II Stage Bangalore-40 Daman & Diu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Shanmukhappa Kuberappa Muttagi
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides a multiple fluid dispenser comprising of a plurality of units filled with a fluid for dispensing. The multiple fluid dispenser also includes a retainer compartment configured for independently holding the plurality of units. The fluid is dispensed from the unit subsequent to displacement of the unit from the retainer compartment.

No. of Pages : 10 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3559/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :17/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : TEXTILE-MATERIAL MONITORING DEVICE AND YARN WINDING APPARATUS

(51) International classification	:B65H	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)MURATA MACHINERY, LTD.</b>
(32) Priority Date	:NA	Address of Applicant :3 MINAMI OCHIAI-CHO,
(33) Name of priority country	:NA	KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO 601-8326
(86) International Application No	:NA	Japan
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)KAZUHIKO NAKADE</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A textile-material monitoring device that can improve accuracy in detection of a foreign matter by reducing shadows during the detection and detect a thickness irregularity of a textile material favorably is provided. A clearer of the textile-material monitoring includes a light source unit, a light receiving unit that doubles as a transmitted-light receiving unit and a reflected-light receiving unit, and a diffuser member. The light receiving unit receives, of light emitted from the light source unit toward a running spun yarn, light transmitted through the spun yarn and light reflected from the same. The diffuser member arranged between the light source unit and the spun yarn diffuses the light emitted from the light source unit such that a degree of light diffusion in a plane orthogonal to a running direction of the spun yarn is greater than a degree of light diffusion in a plane parallel to the running direction.

No. of Pages : 53 No. of Claims : 6



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3560/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :17/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : MOVEMENT SETTING DEVICE FOR DETACHING ROLLER OF COMBER

(51) International classification	:D01G	(71)Name of Applicant :
(31) Priority Document No	:2010-237493	1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
(32) Priority Date	:22/10/2010	Address of Applicant :2-1, TOYODA-CHO, KARIYA-SHI,
(33) Name of priority country	:Japan	AICHI-KEN Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KOJIMA, NAOKI
(87) International Publication No	: NA	2)KOGA, HIROYUKI
(61) Patent of Addition to Application Number	:NA	3)SHINOZAKI, YUTAKA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A detaching roller movement setting device for a comber that sets a movement curve for a detaching roller. The detaching roller movement setting device includes a computing unit and an input unit. The computing unit sets the movement curve as a curve gradually plotted along eight points, which are an origin point, first distinctive point, second distinctive point, third distinctive point, fourth distinctive point, first auxiliary point, second auxiliary point, and third auxiliary point. The input unit inputs to the computing unit at least the first, second, third, and fourth distinctive points.

No. of Pages : 24 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3561/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :17/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : THIN FILM DISPENSER

(51) International classification	:H01H	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:099135942	<b>1)SDI CORPORATION</b>
(32) Priority Date	:21/10/2010	Address of Applicant :NO. 260, SEC. 2, CHANG NAN
(33) Name of priority country	:Taiwan	ROAD, CHANG HUA Taiwan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)WU, CHIEN-LUNG</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A thin film dispenser has a body (10), a moving assembly (13), a resilient positioning element (133), a dispensing unit (14) and a push button (15). The body (10) has an opening (11), a sliding channel (12) and two sets of positioning recesses (120,121). The moving assembly (13) is connected to the dispensing unit (14). The resilient positioning element (133) is connected to the moving assembly (13) and has a positioning segment (138) selectively engaging one of the sets of the positioning recesses (120,121). The dispensing unit (14) has a dispensing head (140) corresponding to the opening (11). The push button (15) is mounted slidably in the sliding channel (12), is connected to the moving assembly (13) and selectively pushes against the positioning segment (138) to disengage from a corresponding set of positioning recesses (120,121) to enable the moving assembly (13) to move relative to the body (10).

No. of Pages : 75 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3562/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :17/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : DATA PROCESSING UNIT AND SIGNAL RECEIVER INCLUDING THE DATA PROCESSING UNIT

(51) International classification	:H04L
(31) Priority Document No	:10188479.9
(32) Priority Date	:22/10/2010
(33) Name of priority country	:EPO
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)THE SWATCH GROUP RESEARCH AND DEVELOPMENT LTD**  
Address of Applicant :RUE DES SORS 3, 2074 MARIN  
Switzerland  
(72)**Name of Inventor :**  
**1)CASAGRANDE, ARNAUD**

(57) Abstract :

The data processing unit (15) for a receiver of signals carrying information (1) includes a clock and data recovery circuit (16) on the basis of a data signal (DOUT), and a processor circuit (17) connected to the clock and data recovery circuit. The clock and data recovery circuit is clocked by a local clock signal (CLK) and includes a numerical phase lock loop, in which a numerically controlled oscillator (25) is arranged. This numerically controlled oscillator generates an in-phase pulse signal (Ip) and a quadrature pulse signal (Qp) at output. The frequency and phase of the pulse signals Ip and Qp are adapted on the basis of the received data signal (DOUT)- The processor circuit is arranged to calculate over time the mean and variance of the numerical input signal (NCOIN) of the numerically controlled oscillator (25), so as to determine the coherence of the data signal if the calculated mean and variance are below a predefined coherence threshold.

No. of Pages : 20 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.342/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : SADDLE-RIDE TYPE VEHICLE

(51) International classification	:B62J	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-019846	<b>1)HONDA MOTOR CO., LTD.</b>
(32) Priority Date	:01/02/2011	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)INUI, SHUJIRO</b>
Filing Date	:NA	<b>2)OYAMA, TAKAHIRO</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

[Object] To provide a saddle-ride type vehicle in which a hook provided on a lower surface side of a seat can more stably hold an item. [Solving Means] A saddle-ride type vehicle (1) includes: a vehicle body (10) ; and a seat {40} supported by the vehicle body (10) in an openable and closable manner and including a seat bottom plate (41) ,- a hook (44) provided on a lower surface of the seat bottom plate (41) ; and a cushion member (43) provided on an tper surface of the seat bottom plate (41). The hook (44) includes: a hook base portion (441) that extends downward from the seat bottom plate (41) and is integrally formed with the seat bottom plate (41); and a hook portion (442) that extends in a direction along the lower surface of the seat bottom plate (41) from a distal end of the hook base portion (441) and is formed integrally with the hook base portion (441) . The seat bottom plate (41) includes a hook opening (412) opened in the seat boted place .41; at a position corresponding to the hook portion (442) . The cushion member (43) includes a portion bulging through the hook opening (412) toward the hook portion (442).

No. of Pages : 63 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3570/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :18/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : FRAME ACKNOWLEDGEMENT IN A COMMUNICATION NETWORK

(51) International classification	:H04L	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)COLLABERA SOLUTIONS PRIVATE LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :NO. 31, GRAPE GARDEN, 17TH H
(33) Name of priority country	:NA	MAIN, 6TH BLOCK KORAMANGALA, BANGALORE - 560
(86) International Application No	:NA	095 Karnataka India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)SABYASACHI BHATTACHARYA</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and system for acknowledging multiple frames in a communication network is provided. A receiver detects transmission of frames from a transmitter. The receiver determines a format for an acknowledgment frame comprising multiple bytes, from multiple frame acknowledgment formats for reporting status of reception of the frames by the receiver. The receiver reports the status of reception of the frames by encoding a distance between a number of frames between two successive correctly received frames, between two successive unsuccessfully received frames, between a correctly received frame and a successive unsuccessfully received frame, or between an unsuccessfully received frame and a successive correctly received frame, in the acknowledgment frame. One or more of the frame acknowledgment formats are configured to generate the acknowledgment frame for acknowledging the frames using a decreased number of bytes. The receiver generates the acknowledgment frame in the determined format for acknowledging the frames.

No. of Pages : 83 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3572/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :18/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : MULTI-PRONGED FLUID SUCTION DEVICE

(51) International classification	:E21B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)Avinash Girish Bhardwaj</b>
(32) Priority Date	:NA	Address of Applicant :Avinash Girish Samudra No. 10/1
(33) Name of priority country	:NA	37th Cross 8th Block Jayanagar Bangalore Karnataka India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)Avinash Girish Bhardwaj</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for channeling working fluid includes coupling a helically coiled first fluid supply path in flow communication with an inlet of a first fluid reservoir coupling an outlet of the first fluid reservoir in flow communication with a fluid outlet supply path coupling a second fluid reservoir in flow communication with the first fluid reservoir through a fluid filter and coupling a second fluid supply path in flow communication with an outlet of the second fluid reservoir to the fluid outlet supply path. The method also includes directing working fluid from a fluid container to the fluid outlet supply path through the first fluid supply path and the first fluid reservoir and directing working fluid from the first fluid reservoir to the fluid outlet supply path through the second fluid reservoir and the second fluid supply path.

No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3575/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :18/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : STATOR FOR ROTATING ELECTRIC MACHINE AND ROTATING ELECTRIC MACHINE

(51) International classification	:H02K	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-264374	<b>1)KABUSHIKI KAISHA YASKAWA DENKI</b>
(32) Priority Date	:26/11/2010	Address of Applicant :2-1, KUROSAKI-SHIROISHI,
(33) Name of priority country	:Japan	YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA
(86) International Application No	:NA	8060004 Japan
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)AKIHIKO MISHIMA</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

To provide a stator for a rotating electric machine and a rotating electric machine that can increase the number of turns of a stator winding. A stator 10 includes a stator core 11, an inner protective member 12, an outer protective member 13, and a stator winding 14. At least areas at the corners of a teeth portion 112 of the stator core 11 are covered with the inner protective member 12, and an outer peripheral surface of the stator core 11 including the areas at the corners is further covered with the outer protective member 13. The stator winding 14 is wound around the outer protective member 13.

No. of Pages : 49 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3393/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :30/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : ELECTRONIC PROCESS-DRIVEN COLLABORATION SYSTEM

(51) International classification	:G06Q	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:61/389,860	<b>1)Accenture Global Services Limited</b>
(32) Priority Date	:05/10/2010	Address of Applicant :3 Grand Canal Plaza Grand Canal
(33) Name of priority country	:U.S.A.	Street Upper Dublin 4 IRELAND
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)David E. Trier</b>
(87) International Publication No	: NA	<b>2)Michael A. Holzman</b>
(61) Patent of Addition to Application Number	:NA	<b>3)Louis Charles Nebolsky</b>
Filing Date	:NA	<b>4)Fausto A. Inestoza</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A electronic collaboration system embeds collaboration resources and tools directly into existing business processes and applications. The system interfaces with an existing business process management (BPM) service to extract dynamic metadata and an activity identifier associated with a current business process. The system obtains static metadata based on the activity identifier from a collaboration template. The system also merges the static and dynamic metadata and provides the merged metadata to a process-driven collaboration service to be used in embedding collaboration utilities into the existing business applications.

No. of Pages : 99 No. of Claims : 15



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3394/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :30/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : System and Method for Controlling Operation of Electrical Appliance

(51) International classification	:G05B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)Silvan Innovation Labs</b>
(32) Priority Date	:NA	Address of Applicant :No.7 2nd Floor 10th Main Jeevan
(33) Name of priority country	:NA	Bima Nagar Main Road Bangalore India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)Ajay Gupta</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In one embodiment a system for controlling operation of an electrical appliance is provided. The system comprises multiple switching units each switching unit capable of independently controlling the operation of the electrical appliance at least one switching means connected in series with the electrical appliance the switching means capable of operating the electrical appliance and a control unit configured for monitoring state changes in a selected switching unit and further configured for operating the switching means based on the monitored state changes in the selected switching unit thereby controlling the operation of the electrical appliance. Further at least one switching unit is coupled to the control unit. A method of controlling operation of an electrical appliance is also described

No. of Pages : 12 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3397/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :30/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF OCTREOTIDE ACETATE

(51) International classification	:A61K	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)MATRIX LABORATORIES LTD</b>
(32) Priority Date	:NA	Address of Applicant :PLOT NO 564/A/22, ROAD NO 92,
(33) Name of priority country	:NA	JUBILEE HILLS, HYDERABAD - 500 033 Andhra Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)KUPPANNA, ANANDA</b>
(61) Patent of Addition to Application Number	:NA	<b>2)DOKKA, MALLIKARJUNA SARMA</b>
Filing Date	:NA	<b>3)VANJIVAKA, SREELATHA</b>
(62) Divisional to Application Number	:NA	<b>4)KOMMA REDDY, MARIA BHASKAR REDDY</b>
Filing Date	:NA	<b>5)KAMANA, BULLIRAJU</b>

(57) Abstract :

The present invention relates to an improved process for large scale production of octreotide acetate. The invention also relates to pharmaceutical composition of octreotide acetate.

No. of Pages : 19 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3398/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :30/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : DYNAMICALLY CONFIGURABLE STORAGE DEVICE

(51) International classification	:G06F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)SAMSUNG INDIA SOFTWARE OPERATIONS</b>
(32) Priority Date	:NA	<b>PRIVATE LIMITED</b>
(33) Name of priority country	:NA	Address of Applicant :Bagmane Lakeview Block B No.
(86) International Application No	:NA	66/1 Bagmane Tech Park C V Raman Nagar Byrasandra
Filing Date	:NA	Bangalore 560093 Karnataka India
(87) International Publication No	: NA	(72) <b>Name of Inventor :</b>
(61) Patent of Addition to Application Number	:NA	<b>1)ANNEPU TIRUMALA SURYA PRASAD</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a method for dynamically configuring resources in a storage device. In one embodiment, a method includes predicting a load on a logical unit based on a set of parameters and determining a requirement for supplementary resources for processing upcoming storage specific commands associated with the logical unit based on the predicted load. The method also includes identifying type of supplementary resources required for the logical unit. Furthermore, the method includes determining whether there are any unused resources of the identified resource type in a common pool of resources shared between a plurality of logical units, and dynamically configuring the common pool of resources among the plurality of logical units such that the identified unused resources are allocated to the logical unit as supplementary resources for processing the upcoming storage specific commands.

No. of Pages : 18 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3399/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :30/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : ACCESS TO LOCKED FUNCTIONS

(51) International classification	:H04M	(71)Name of Applicant :
(31) Priority Document No	:10189894.8	<b>1)RESEARCH IN MOTION LIMITED</b>
(32) Priority Date	:03/11/2010	Address of Applicant :295 PHILLIP STREET,
(33) Name of priority country	:EPO	WATERLOO, ONTARIO, N2L 3W8 Canada
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)HYMEL JAMES ALLEN</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A mobile communications device can have a locked mode in which the mobile communications device is protected against unauthorized use. A mobile communications device includes device applications implemented by a software program or firmware program that enables an application to be temporarily operable or operable under certain conditions when the mobile communications device is locked. Device applications can include a camera enabled for image data acquisition and a microphone or an audio recorder or a microphone and an audio recorder enabled for audio data acquisition. Acquired image data and audio data can be stored locally to the mobile communications device or stored externally to the mobile communications device. The mobile communications device can be configured to operate applications under different conditions. The mobile communications device can be configured to display a message that applications have been operated while the mobile communications device was locked or in a locked mode.

No. of Pages : 43 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3344/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :27/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A MUD FLAP ADJUSTMENT DEVICE AND AN ELECTRONIC CONTROL UNIT FOR THE SAME

(51) International classification	:B62D	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)ROBERT BOSCH ENGINEERING AND BUSINESS</b>
(32) Priority Date	:NA	<b>SOLUTIONS LIMITED</b>
(33) Name of priority country	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(86) International Application No	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	<b>2)ROBERT BOSCH GMBH</b>
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)AFTAB AHMAD DAR</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A mud flap adjustment device is disclosed. The device comprises at least one sensor located in proximity of a steering wheel. At least one sensor adapted to determine steering angle position of the steering wheel of a vehicle. A controller adapted to receive information regarding steering angle position from at least one sensor. A drive means adapted to adjust position of the mud-flaps in dependence of the signal received from the controller.

No. of Pages : 11 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3345/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :27/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN IMPROVED AUTOMATED DIAGNOSTIC DEVICE

(51) International classification	:F16H	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)NEUROSYNAPTIC COMMUNICATIONS PVT.LTD</b>
(32) Priority Date	:NA	Address of Applicant :NEUROSYNAPTIC
(33) Name of priority country	:NA	COMMUNICATIONS PVT. LTD. #6, 29TH MAIN ROAD,
(86) International Application No	:NA	BTM LAYOUT II STAGE, BANGALORE - 560 076
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	(72) <b>Name of Inventor :</b>
(61) Patent of Addition to Application Number	:NA	<b>1)SAWARKAR SUBHASH SAMEER</b>
Filing Date	:NA	<b>2)KUMAR RAJEEV</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention is about an automated diagnostic system for diagnosis of hematological and pathological conditions of the biological samples. The system comprises a platform for receiving slides having biological sample of a subject that is a person. The system also has a magnification unit for automatic scanning of biological sample based on user input to generate a magnified view of the biological sample. The system further has an imaging unit for capturing magnified view image of the biological sample and a multiple number of driving units for controlling the automated operation of the platform and the magnification unit. The system also has an image intensity measurement unit for measuring a color intensity of the biological sample of the subject and also a centrifuge configured to receive a biological sample of the subject and separate a plurality of biological components of the biological sample.

No. of Pages : 30 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3346/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :27/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : VEHICLE MODULAR ARMREST

(51) International classification	:B60N	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:61/387,305	<b>1)LEAR CORPORATION</b>
(32) Priority Date	:28/09/2010	Address of Applicant :21557 TELEGRAPH ROAD,
(33) Name of priority country	:U.S.A.	SOUTHFIELD, MICHIGAN 48034 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)CHRISTER ANDERSSON</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A modular armrest has a frame configured to support and retain at least one of a plurality of differently configured modular elements. The modular elements perform various functions and are selected and assembled to the frame from a group of modular elements to form the desired modular armrest.

No. of Pages : 28 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3590/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : NANOFLUID COOLANT

(51) International classification	:C09K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY MADRAS
(32) Priority Date	:NA	Address of Applicant :CHENNAI 600 036. Tamil Nadu
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RAMAPRABHU, SUNDARA
(87) International Publication No	: NA	2)SASIDHARANNAIR, SASIKALADEVI,
(61) Patent of Addition to Application Number	:NA	JOTHIRMAYEE ARAVIND
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Technologies are generally described for forming a nanofluid coolant and structures including a nanofluid coolant. In an example, a method of forming a nanofluid coolant may comprise combining a compound with an acid and with purified water to form a solution. The compound may include manganese. The method may further include heating the solution and, after heating the solution, cooling the solution effective to form at least one precipitate that includes manganese and oxygen. The method may further include filtering the at least one precipitate to form a powder that includes manganese oxide nanotubes. The method may further include functionalizing the nanotubes by irradiating them with UV radiation. The method may further include combining the functionalized manganese oxide nanotubes with a polar solvent to form the nanofluid coolant.

No. of Pages : 32 No. of Claims : 10



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3592/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : POLYANILINE-GRAPHITE NANOPATELET MATERIALS

(51) International classification	:C08G	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)INDIAN INSTITUTE OF TECHNOLOGY MADRAS</b>
(32) Priority Date	:NA	Address of Applicant :CHENNAI 600 036 Tamil Nadu India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)RAMAPRABHU, SUNDARA</b>
Filing Date	:NA	<b>2)MISHRA, ASHISH KUMAR</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Nanocomposite adsorbent materials and methods for their preparation and use are described. As an example, a polyaniline-graphite nanoplatelet nanocomposite may be used to adsorb carbon dioxide.

No. of Pages : 18 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3593/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A PROCESS FOR SYNTHESIZING HIGER CHAIN CHITOOLOGOSACCHARIDES (CHOS)

(51) International classification	:C12N	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)UNIVERSITY OF HYDERABAD</b>
(32) Priority Date	:NA	Address of Applicant :CR RAO ROAD, GACHIBOWLI,
(33) Name of priority country	:NA	HYDERABAD 500 046 Andhra Pradesh India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)APPA RAO PODILE</b>
(87) International Publication No	: NA	<b>2)P. PURUSHOTHAM</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for synthesizing higher chain chitooligosaccharides (CHOS) comprising: amplifying chitinase D from S. proteamaculans; subjecting the amplified chitinase D to the step of cloning; purifying the cloned chitinase D analyzing products of Sp chiD from chitooligosaccharides (CHOS).

No. of Pages : 34 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3350/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :27/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : ADJUSTABLE LUMBAR ASSEMBLY FOR VEHICLE SEATS

(51) International classification	:B60N	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:12/893,706	<b>1)LEAR CORPORATION</b>
(32) Priority Date	:29/09/2010	Address of Applicant :21557 TELEGRAPH ROAD,
(33) Name of priority country	:U.S.A.	SOUTHFIELD, MICHIGAN 48033 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)GHISONI, GIUSEPPE</b>
(87) International Publication No	: NA	<b>2)D'AGOSTINI, RONERTO</b>
(61) Patent of Addition to Application Number	:NA	<b>3)TOMASI, LUCA</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A lumbar assembly has a wireframe for attachment to a frame of a vehicle seat. The wire frame has first and second spaced apart side members. First and second flexible lumbar support bands are each mounted to a wire frame side member, and each have a lateral portion extending inboard with a guide member. The guide members of the first and second lumbar support bands cooperate so that the lumbar support bands are adjusted in a fore and aft direction by translating the lateral portions relative to each other along the guide members.

No. of Pages : 19 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3351/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :27/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : DRINKING AND DOMESTIC WATER SYSTEM

(51) International classification	:C02F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:10 2011	<b>1)OVENTROP GMBH &amp; CO.KG</b>
(32) Priority Date	010 840.8	Address of Applicant :PAUL-OVENTROP-STRASSE 1,
(33) Name of priority country	:10/02/2011	59939 OLSBERG/DEUTSCHLAND Germany
(86) International Application No	:Germany	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)MARTIN COERDT</b>
(87) International Publication No	:NA	<b>2)ROLAND FOITZIK</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In order to provide a drinking or domestic water system comprising a conduit system that has a connection (1) to a public water supply system, and at least one riser conduit (12) with at least one floor-by-floor conduit (4) branching there from and at least one circular conduit (5) branched in the flow direction of the water from the floor-by-floor conduit (4), and at least one consumer (6) connected in the circular conduit (5) , as well as a return conduit (11), into which the floor-by-floor conduit (4) enters, by means of which it can be secured, avoiding high water consumption and thus operating costs, that the water in the system meets hygienic conditions, it is proposed that the conduit system composed of supply conduit or riser conduit (12) and return conduit (11, 20) forms a closed circulation conduit, and that in this circulation conduit a unit (3) for cooling the water flowing through is into grated, by means of which the drinking or domestic water can be cooled or is cooled to a predetermined temperature.

No. of Pages : 41 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3595/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SUBSTRATE MEDIA REGISTRATION SYSTEM AND METHOD IN A PRINTING SYSTEM

(51) International classification	:B65H	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:12/911,129	<b>1)XEROX CORPORATION</b>
(32) Priority Date	:25/10/2010	Address of Applicant :45 GLOVER AVENUE, P.O. BOX
(33) Name of priority country	:U.S.A.	4505, NORWALK CONNECTICUT 06856-4505 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)MANDEL, BARRY, P.</b>
(87) International Publication No	: NA	<b>2)DE JONG, JOANNES, N.M.</b>
(61) Patent of Addition to Application Number	:NA	<b>3)CHOI, INJAE</b>
Filing Date	:NA	<b>4)THARAYIL, MARINA, L.</b>
(62) Divisional to Application Number	:NA	<b>5)LYSY, DUSAN, G.</b>
Filing Date	:NA	<b>6)WILLIAMS, LLOYD, A.</b>

(57) Abstract :

Embodiments described herein include a substrate media registration system in a printing system. The registration system can include a deskewing system, a reflexive system, and a controller. The deskewing system is configured to deskew substrate media. The reflexive system is configured to detect the lateral position of the substrate media and at least one of a lead edge and a trail edge of the substrate media being transported in the process direction. The controller is operatively coupled to the reflexive system and is configured to control ejection of ink from a print head system in response to detecting the lateral position of the substrate media and at least one of the lead edge and the trail edge of the substrate media.

No. of Pages : 32 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3596/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : DISPOSABLE RADIAL ACCESS CATHETERIZATION SLEEVE

(51) International classification	:A61M	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:61/394,815	<b>1)CHRISTOS PITAOLIS</b>
(32) Priority Date	:20/10/2010	Address of Applicant :877 BAY RIDGE AVENUE, APT.
(33) Name of priority country	:U.S.A.	5J, BROOKLYN, NEW YORK-11220 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)CHRISTOS PITAOLIS</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A catheterization sleeve is provided for radial access catheterization. The sleeve includes a closed distal end, and open proximal end and a tubular sidewall extending between the ends. An access opening is formed in the tubular sidewall to permit access to a catheterization site on the arm of the patient.

No. of Pages : 30 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3597/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SADDLE-RIDE TYPE ELECTRIC VEHICLE

(51) International classification	:B62K	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-239070	<b>1)HONDA MOTOR CO., LTD.</b>
(32) Priority Date	:25/10/2010	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)IWATA, KOBUE</b>
Filing Date	:NA	<b>2)SHAKO, HISAFUMI</b>
(87) International Publication No	: NA	<b>3)SEKIMOTO, TOSHIFUMI</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

[Problem to be Solved] To achieve a good cool performance for electric system components, in a saddle-ride type electric vehicle including a body frame in which a head pipe and a swing arm pivot are connected by a single frame. [Solution] A two-wheeled electric vehicle 1 includes a main frame 4 extending rearward and downward from a head pipe 3, a swing arm 14 swingably supported by a rear portion of the main frame 4, and an electric motor 18 serving as a drive source. In the two-wheeled electric vehicle 1, a battery unit (28) for supplying electric power to the electric motor (18) is disposed above the main frame (4), and a PDU (30) for performing drive control of the electric motor (18) is disposed below the main frame (4).

No. of Pages : 25 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3471/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :07/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : RPM RECORDING DEVICE

(51) International classification	:F02B
(31) Priority Document No	:102010042253.3
(32) Priority Date	:11/10/2010
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)ROBERT BOSCH GMBH**  
Address of Applicant :POSTFACH 30 02 20, 70442  
STUTTGART Germany  
(72)**Name of Inventor :**  
**1)WOLFGANG-MICHAEL MUELLER**  
**2)YOKOHAMA**

(57) Abstract :

The invention refers to a rotation speed recording/compiling device (14) for a charging apparatus (1), which is especially assigned to an internal combustion engine, in particular a waste-gas turbo-charger. The charging apparatus (10) encompasses a housing (12) and a rotation speed recording device (14) with a sensor element (22). A cooling-body (26, 58), fabricated from a metallic material, is assigned/earmarked for the sensor element (22).

No. of Pages : 18 No. of Claims : 10



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3472/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :07/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A METHOD AND SYSTEM TO GENERATE A USER INTERFACE FOR ANALYTICAL MODELS

(51) International classification

:G06F

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)PREDICTIVE ANALYTICS SOLUTIONS PVT.LTD.**

Address of Applicant :No.2353/1-4 4th Floor Dolphin

Hennur Main Road Kacharakanahalli Bangalore 560043.

Punjab India

(72)Name of Inventor :

**1)SUMIT KUMAR BARDHAN**

(57) Abstract :

Embodiments relate to a method to dynamically generate a user interface for computing a prediction on analytical models. The analytical models received from a computing device are parsed by a processor of a server to extract a plurality of analytical metadata and the extracted plurality of analytical metadata is stored in a set of metadata tables. Analytical relationship information from the one or more analytical models is extracted for scoring using the stored plurality of analytical metadata and is stored in a set of relationship tables created by the processor. The user interface is generated using the stored plurality of analytical metadata and displayed on computing device for receiving one or more inputs for each of the data entry fields from a user. The prediction is computed by applying the stored analytical relationship information on the received one or more inputs and displaying the computed prediction on the user interface.

No. of Pages : 29 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3604/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :20/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD OF COATING AN RF DEVICE AND SPUTTERING APPARATUS USED IN THE SAME

(51) International classification

:C23C

(31) Priority Document No

:10-2010-0105415

(32) Priority Date

:27/10/2010

(33) Name of priority country

:Republic of Korea

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)ACE TECHNOLOGIES CORPORATION**

Address of Applicant :24B-5L, 451-4, NONHYUN-DONG, NAMDONG-GU, INCHEON-SI 405-849 Republic of Korea

(72)Name of Inventor :

**1)JUNG, MYOUNG-JOON**

**2)KIM, MYOUNG-HO**

**3)JUNG, HYUN-YEONG**

**4)OH, SE-YOUNG**

(57) Abstract :

A method of coating an RF device for reducing cost of manufacture and coating period of time and a sputtering apparatus used in the same are disclosed. The sputtering apparatus used for coating of an RF device includes a supporting member on which an object to be coated corresponding to the RF device is placed, a first target made up of material coated on the object and a second target disposed separately from the first target. Here, power is applied to the first target and the second target when the object is coated.

No. of Pages : 26 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3606/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :20/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHODS AND SYSTEMS FOR AUTOMATIC GLUE LEVEL CONTROL

(51) International classification	:B42C	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:12/913,736	<b>1)XEROX CORPORATION</b>
(32) Priority Date	:27/10/2010	Address of Applicant :45 GLOVER AVENUE, P.O BOX
(33) Name of priority country	:U.S.A.	4505, NORWALK CONNECTICUT 06856-4505 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SANDERS, AARON, M.</b>
(87) International Publication No	: NA	<b>2)STROSSMAN, JOHN, A.</b>
(61) Patent of Addition to Application Number	:NA	<b>3)HARNEY, WILLIAM, M</b>
Filing Date	:NA	<b>4)BOGERT, RONALD, W.</b>
(62) Divisional to Application Number	:NA	<b>5)SPRAGUE, RANDY R.</b>
Filing Date	:NA	

(57) Abstract :

The present disclosure provides systems and methods for automatically controlling hot glue level in a book-binding apparatus. The embodiments include monitoring glue level in a reservoir and measuring glue temperature in the reservoir. If the glue level is below a level threshold value and the glue temperature value is above a temperature threshold, the system dispenses a predetermined amount of meltable glue pellets into the reservoir.

No. of Pages : 12 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3607/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :20/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : FILM MATERIAL FOR PRODUCING A PACKAGING AND ALSO A METHOD OF PRODUCTION AND USE

(51) International classification	:G02B	(71)Name of Applicant :
(31) Priority Document No	:10 2011	1)HUHTAMAKI RONSBERG,
(32) Priority Date	050 221.1	ZWEIGNIEDERLASSUNG DER HUHTAMAKI
(33) Name of priority country	:09/05/2011	DEUTSCHLAND GMBH & CO., KG
(86) International Application No	:NA	Address of Applicant :HEINRICH-NICOLAUS-STRASSE
Filing Date	:NA	6, DE-87671 RONSBERG, ALLGAU Germany
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DAELMANS, EDDY
Filing Date	:NA	2)SCHNEIDER, ARNOLD
(62) Divisional to Application Number	:NA	3)SCHRAGLE, MATTHIAS
Filing Date	:NA	

(57) Abstract :

The invention relates to a film material (10) for producing a packaging, the film material (10) being in the form of printed mono-film or printed laminate which has at least one functional region (20) and at least one flat region (30), the at least one functional region (20) being provided with a surface structure (50) of relief-like formation, especially having at least one depression (70), which surface structure is structurally weakened, especially mechanically, in comparison to the structure of the at least one flat region (30) of the mono-film or laminate, and also to a method of producing such a film material and to use thereof.

No. of Pages : 19 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3265/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :21/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHODS OF PREPARING BENZOXAZINES USING AQUEOUS SOLVENT

(51) International classification	:C08G	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:12/888,850	<b>1)HENKEL CORPORATION</b>
(32) Priority Date	:23/09/2010	Address of Applicant :ONE HENKEL WAY, ROCKY
(33) Name of priority country	:U.S.A.	HILL, CONNECTICUT 06067 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)WEI HELEN LI</b>
(87) International Publication No	: NA	<b>2)WENBO JIANG</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to syntheses for the preparation of benzoxazine, including benzoxazine monomers and benzoxazine oligomers, from phenolic compounds, aldehyde compounds, and either primary diamine compounds, such as diamino alkylene compounds, e.g., methylene diamine, or diamino arylene compounds, e.g., phenylene diamine, using water, and optionally an organic solvent, as the reaction solvent.

No. of Pages : 17 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3266/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :21/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PATTERN WARPING MACHINE

(51) International classification	:D02H 3/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:11 005	<b>1)KARL MAYER TEXTILMASCHINENFABRIK</b>
	236.2	<b>GMBH</b>
(32) Priority Date	:28/06/2011	Address of Applicant :BRUHLSTRASSE 25, 63179
(33) Name of priority country	:EPO	OBERTSHAUSEN Germany
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)HOHM, JURGEN</b>
(87) International Publication No	: NA	<b>2)FUHR, MARTIN</b>
(61) Patent of Addition to Application Number	:NA	<b>3)BAUMANN, ACHIM</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A pattern warping machine (1) is specified having a warping drum (2) , a thread-guide arrangement (7) which has at least one thread guide (6), and a plurality of lease rods (9), it being possible for the thread guide (6) and the warping drum (2) to be moved relative to one another in a rotational direction (4) about the axis of the warping drum (2), and means being provided which guide a thread which is guided by the thread guide (6) above or below the lease rod in the case of each lease rod (9). It is desired that a high warping speed can be made possible. To this end, it is provided that at least one lease rod (9) can be positioned in different positions relative to the axis of the warping drum (2).

No. of Pages : 18 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3267/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :21/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : ENGAGING NAIL STRUCTURE OF LAMP SOCKET

(51) International classification	:B25C 1/00
(31) Priority Document No	:CN201010599387.9
(32) Priority Date	:22/12/2010
(33) Name of priority country	:China
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)DONGGUAN CASUN LAMPBASE INDUSTRIAL CO. LTD.**  
Address of Applicant :YONGSHENG INDUSTRIAL AREA DONGSHAN QISHI TOWN DONGGUAN CITY GUANGDONG China.  
(72)**Name of Inventor :**  
**1)Yao Limin**

(57) Abstract :

An engaging nail fixing structure of a lamp socket includes a connection head housing, an insulation cap and an engaging nail. The engaging nail includes an engaging portion and a limit portion. The engaging nail is engaged in a fixing trough of the connection head housing. The fixing trough includes a limit recess and an accommodation recess which are interconnected with each other. A stop portion is formed between the limit recess and the accommodation recess. The insulation cap has a push portion. When the insulation cap is mounted on the connection head housing, the push portion is engaged in the limit recess and pushes the engaging nail outward until the limit portion of the engaging nail is against the stop portion. The engaging portion of the engaging nail is exposed out of the connection head housing. The notch of the insulation cap holds against the engaging portion of the engaging nail. The engaging nail is placed in the fixing trough and the insulation cap is connected to the connection head housing, without using other fixing mechanisms to install the engaging nail steadily. It is convenient and quick to assemble the engaging nail, the connection head housing and the insulation cap.

No. of Pages : 21 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3610/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :20/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : LOGICAL ADDRESS ASSIGNMENT IN A CLOUD CELL

(51) International classification	:H04L	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)SAMSUNG INDIA SOFTWARE OPERATIONS</b>
(32) Priority Date	:NA	<b>PRIVATE LIMITED</b>
(33) Name of priority country	:NA	Address of Applicant :Bagmane Lakeview Block B No.
(86) International Application No	:NA	66/1 Bagmane Tech Park C V Raman Nagar Byrasandra
Filing Date	:NA	Bangalore 560093 Karnataka India
(87) International Publication No	: NA	(72) <b>Name of Inventor :</b>
(61) Patent of Addition to Application Number	:NA	<b>1)AGIWAL ANIL</b>
Filing Date	:NA	<b>2)NIGAM ANSHUMAN</b>
(62) Divisional to Application Number	:NA	<b>3)CHANG YOUNGBIN</b>
Filing Date	:NA	

(57) Abstract :

The present invention provides a method and system for assigning a unique logical address in a cloud cell having a mobile station, slave base stations and a master base station. In one embodiment, a method includes determining unassigned logical addresses from respective address spaces associated with the slave base stations and the master base station in the cloud cell by the master base station. The method further includes selecting a unique logical address from the unassigned logical addresses determined from the respective address spaces associated with the base stations. Furthermore, the method includes assigning the selected unique logical address to the mobile station in the cloud cell. Moreover, the method includes notifying the slave base stations regarding assignment of the unique logical address to the mobile station so that the mobile station and each of the base stations communicate in the cloud cell using the assigned unique logical address.

No. of Pages : 47 No. of Claims : 29



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3459/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :07/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SMART FLASH DRIVE

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VIT UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :VELLORE-632014, TAMIL NADU
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KALIYAPERUMAL GANESAN
(87) International Publication No	: NA	2)SASIKUMAR C
(61) Patent of Addition to Application Number	:NA	3)ROHIT AGRAWAL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The primary objective of the current invention is to develop a flash drive with wireless file transfer (for example, using Bluetooth). This enables to transfer files across flash drives without using computers. The storage element in conventional pen drives is an in built memory of fixed size. In the present invention it is provided with an internal memory of fixed size and also has a slot for external interfacing of a micro SD card which gives it dual functionalities of an expandable memory pen drive as well as that of a card reader. It also acts as a wireless (say, Bluetooth) dongle. Another important functionality bundled upon it is an Audio player. All these features are add-ons as it functions as a conventional pen drive.

No. of Pages : 22 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.346/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : A METHOD OF LIMITING A CURRENT SUPPLIED BY A DC POWER SUPPLY

(51) International classification	:H02M	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:11 50790	<b>1)MESSIER-BUGATTI-DOWTY</b>
(32) Priority Date	:01/02/2011	Address of Applicant :INOVEL PARC SUD, 78140
(33) Name of priority country	:Germany	VELIZY VILLACOUBLAY France
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)LEYNAERT, FRANCOIS-NOEL</b>
(87) International Publication No	: NA	<b>2)ANNEE, ETIENNE</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method of limiting a current  $i_{dc}$  supplied by a DC power supply, the method comprising: interposing a switching stage between the power supply and a load, the switching stage including a controllable switch in series with a freewheel diode; and periodically controlling the switch so that for each period of duration T, the following averaged quantity is calculated in which  $i$  is a current that is an image of the power supply current  $i_{dc}$ , the averaged quantity being reset to zero at the beginning of each period, with the switch being caused to be closed so long as said averaged quantity remains below a predetermined current threshold  $i_{thres}$ , and with the switch being caused to be open, otherwise.

No. of Pages : 15 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3460/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :07/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : COOLING FAN FOR INTERNAL COMBUSTION ENGINE

(51) International classification	:F04D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)TVS MOTOR COMPANY</b>
(32) Priority Date	:NA	Address of Applicant :JAYALAKSHMI ESTATES, 29,
(33) Name of priority country	:NA	(OLD NO.8) HADDOWS ROAD, CHENNAI - 600 006 Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)YATIN VASANT CHAUDHARY</b>
(61) Patent of Addition to Application Number	:NA	<b>2)KRISHNABHATTA NAGARAJA</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A continuously variable transmission system, in accordance with an embodiment thereof, is disclosed where the cooling fan mounted over the crankshaft ahead of the driving pulley is enmoulded with a steel bush, the steel bush serving as a spacer between driving pulley and a ratchet which itself is integrated with a nut. The enmoulded fan with steel bush assembled on the crankshaft with clearance fit. Another embodiment of the said system discloses a cooling fan enmoulded with extended steel ratchet and provided with splines to be assembled on the crankshaft.

No. of Pages : 17 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3461/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :07/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A SEAT BASE FOR A TWO WHEELED VEHICLE

(51) International classification	:B62B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :JAYALAKSHMI ESTATES, 29,
(33) Name of priority country	:NA	(OLD NO.8) HADDOWS ROAD, CHENNAI - 600 006 Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RAMALINGAM KARTHIKEYAN
(61) Patent of Addition to Application Number	:NA	2)AJITH VADAKEVEETIL
Filing Date	:NA	3)RAJAMANI RAVISANKAR
(62) Divisional to Application Number	:NA	4)DIGHOLE MEGHASHYAM LAXMAN
Filing Date	:NA	

(57) Abstract :

Present invention talk about a seat base for a two wheeler which has multiple such as side bases and centre base. Said centre base is supported by a centre support structure secured in transverse direction of the seat base and passing through the centre base and side bases. Multiple front support structures are fixed along the direction of the seat base and passes through side bases. Further some rear support structures secured along the direction of the seat base also passes through the side base and side support structure secured along outer side of the side base.

No. of Pages : 11 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3617/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :21/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PROCESS FOR REFORMING HYDROCARBON CUTS

(51) International classification	:C01B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:10/04.245	<b>1)IFP ENERGIES NOUVELLES</b>
(32) Priority Date	:28/10/2010	Address of Applicant :1 & 4 AVENUE DE BOIS-PREAU,
(33) Name of priority country	:France	92852 RUEIL-MALMAISON CEDEX France
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SANCHEZ, ERIC</b>
(87) International Publication No	: NA	<b>2)RAULT, JACQUES</b>
(61) Patent of Addition to Application Number	:NA	<b>3)LE GOFF, PIERRE-YVES</b>
Filing Date	:NA	<b>4)PIERRE, CHRISTOPHE</b>
(62) Divisional to Application Number	:NA	<b>5)FERNANDES, JOANA</b>
Filing Date	:NA	

(57) Abstract :

A process for reforming a feed composed of one or more hydrocarbon cuts containing 9 to 22 carbon atoms comprises: at least one first step for reforming the feed in at least one reforming unit, during which a stream of hydrogen is produced; at least one first step for distillation of the effluent from the reforming unit in the presence of a reforming catalyst in order to obtain 4 cuts: o a liquefied petroleum gas cut (LPG) (A); o a C5 - Cg cut: naphtha (B); o a C9 - C15 cut: densified kerosene (C); o a C16-C22 cut: densified gas oil cut (D). The invention also concerns the device for carrying out this process.

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3581/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :18/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : ACID ADDITION SALTS OF BOSENTAN

(51) International classification

:C07D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)BIOCON LIMITED**

Address of Applicant :20th KM Hosur Road Electronic  
City P.O. Bangalore 560 100 Karnataka India. West Bengal  
India

(72)Name of Inventor :

**1)SRINIVAS PULLELA VENKATA**

**2)KIRAN KUMAR KOTHAKONDA**

**3)SHANMUGHASAMY RAJMAHENDRA**

**4)INDRAJIT CHANDRASEKARAN**

**5)MARIAPPAN KALIAPPAN**

**6)REKHA SHIVAPPA MAILAR**

(57) Abstract :

The present invention relates to the stable acid addition salts of Bosentan that are useful for the purification of Bosentan base. In particular the Bosentan acid additional salt is selected from Bosentan citrate and Bosentan tartarate.

No. of Pages : 22 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3583/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : CURVED TOUCH SENSOR

(51) International classification	:H01L	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:12/940,544	<b>1)APPLE INC.</b>
(32) Priority Date	:05/11/2010	Address of Applicant :1 Infinite Loop Cupertino California
(33) Name of priority country	:U.S.A.	95014 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)Lili HUANG</b>
(87) International Publication No	: NA	<b>2)Seung Jae HONG</b>
(61) Patent of Addition to Application Number	:NA	<b>3)John Z ZHONG</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of forming a curved touch surface is disclosed. The method can include depositing and patterning a conductive thin film on a flexible substrate to form at least one touch sensor pattern while the flexible substrate is in a flat state. According to certain embodiments the method can include supporting the flexible substrate in the flat state on at least one curved forming substrate having a predetermined curvature; and performing an anneal process or an anneal-like high-heat process on the conductive thin film wherein the anneal process can cause the flexible substrate to conform to the predetermined curvature of the at least one curved forming substrate. According to an embodiment the curved forming substrate can include a first forming substrate having a first predetermined curvature and a second forming substrate having a second predetermined curvature complementing the first predetermined curvature.

No. of Pages : 23 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3584/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : CHANGING THE ORIENTATION OF A USER BASED AT LEAST IN PART ON TRANSMIT POWER

(51) International classification

:H01L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)EMPIRE TECHNOLOGY DEVELOPMENT LLC**

Address of Applicant :2711 Centerville Road Suite 400

Wilmington DE 19808 U.S.A.

(72)Name of Inventor :

**1)ARVIND VIJAY KEERTHI**

(57) Abstract :

Implementations and techniques for changing the orientation of a user of a mobile communication device based at least in part on transmit power are generally discussed. The change in orientation of the user may reduce radiation absorbed by the user.

No. of Pages : 37 No. of Claims : 10



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3586/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : APPLICATIONS OF NANOSCALE ZNO IN PEANUT CROP

(51) International classification

:A01G

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)INDIAN INSTITUTE OF TECHNOLOGY**

Address of Applicant :IIT P.O, CHENNAI 600 036 Tamil Nadu India

(72)Name of Inventor :

**1)THALAPPIL PRADEEP**

**2)TOLLAMADUGU NAGA VENKATA KRISHNA**

**VARA PRASAD**

**3)PALAGIRI SUDHAKAR**

**4)THERUVAKKATTIL SREENIVASAN SREEPRASAD**

**5)PANIKKANVALAPPIL RAVINDRANATHAN**

**SAJANLAL**

(57) Abstract :

This invention describes the use of nanoscale zinc oxide particles on plant growth and development. In view of the widespread cultivation of peanut in India and in other parts of the globe and in view of the potential influence of zinc on its growth, this plant was chosen as the model system. Peanut seeds were separately treated with nanoscale ZnO and chelated bulk zinc sulphate (ZnSO<sub>4</sub>) suspensions (a common zinc supplement used for comparison) at different concentrations, respectively and the effect this treatment had on seed germination, seedling vigor, plant growth, flowering, chlorophyll content, pod yield and root growth were evaluated. Treatment of nanoscale ZnO (25 nm mean particle size) at 1000 ppm concentration promoted both seed germination and seedling vigor and in turn showed early establishment in soil manifested by early flowering and higher leaf chlorophyll content. These particles proved effective in increasing stem and root growth. Pod yield per plant was 34% higher compared to -chelated bulk ZnSO<sub>4</sub> at the same concentration of nanoscale ZnO. Consequently, a field experiment was conducted during Rabi seasons of 2008-'09 and 2009-10 with the foliar application of nanoscale ZnO particles at 15 times lower dose compared to the chelated ZnSO<sub>4</sub> recommended and 29.5% and 26.3% higher pod yield were recorded, respectively in these seasons compared to chelated ZnSO<sub>4</sub>.

No. of Pages : 44 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3587/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : REMOVAL OF PESTICIDES FROM WATER USING GRAPHENIC MATERIALS

(51) International classification	:A01N	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)INDIAN INSTITUTE OF TECHNOLOGY</b>
(32) Priority Date	:NA	Address of Applicant :IIT P.O, CHENNAI 600 036 Tamil
(33) Name of priority country	:NA	Nadu India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)THALAPPIL PRADEEP</b>
(87) International Publication No	: NA	<b>2)MUNDAMPRA MALIYEKKAL SHIHABUDHEEN</b>
(61) Patent of Addition to Application Number	:NA	<b>3)SREEPRASAD THERUVAKKATTIL SREENIVASAN</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Today, the use of pesticides is an unavoidable and integral part of effective plant protection. However, excessive and uncontrolled use of these chemicals has resulted in widespread contamination of surface and groundwater resources. Due to the possible entry into human and animal food chains and associated health hazards, pesticide contamination has become a huge area of concern for both developing and developed countries. Here, we disclose a novel application of reduced graphene oxide (RGO) and graphene oxide (GO), belonging to a new class of 2D carbon nanomaterials called graphene, for the effective removal of pesticides from water and thus aid in water purification. The new materials were found to be excellent candidates for the removal of pesticides and can retain pesticides like chlorpyrifose (CP) and endosulfan (ES) more than their self-weight. Adsorption showed no significant effect with change in pH and presence of co-existing ions, indicating the utility of the material in water purification process.

No. of Pages : 34 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3534/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :14/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD OF FABRICATING A KEYPAD STRUCTURE HAVING AN ENGRAVED PATTERN, KEYPAD STRUCTURE, AND KEYPAD SEMI-STRUCTURE

(51) International classification	:H01H
(31) Priority Document No	:100105216
(32) Priority Date	:17/02/2011
(33) Name of priority country	:Taiwan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)ICHIA TECHNOLOGIES, INC.**  
Address of Applicant :268, HWA-YA 2ND RD., HWA-YA  
TECH, PARK, GUEISHAN, TAOYUAN Taiwan  
(72)**Name of Inventor :**  
**1)KO-JU CHEN**

(57) Abstract :

A method of fabricating a keypad structure having an engraved pattern, in which a keycap layer including a hard coating as a top layer is provided. The keycap layer is punched to form at least a keycap component utilized to assembly a keypad semi-product. The keypad semi-product is kept in a storage place. A pattern is provided. After a demand of the pattern is confirmed, the keypad semi-product is fetched and the hard coating is partially removed to form the confirmed pattern to complete a keypad structure. A keypad structure and a keypad semi-structure are also provided.

No. of Pages : 24 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3535/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :14/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : TURBO SCREEN

(51) International classification	:F01N	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:61/392,940	<b>1)CAMFIL FARR, INC.</b>
(32) Priority Date	:14/10/2010	Address of Applicant :2785 AVENUE FRANCIS-
(33) Name of priority country	:U.S.A.	HUGHES, LAVAL, QUEBEC-H7L 3J6 Canada
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)CHAMPOUX, SYLVAIN</b>
(87) International Publication No	: NA	<b>2)LEO, ALFIN</b>
(61) Patent of Addition to Application Number	:NA	<b>3)PAUNOV, ILKO</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention generally relates to methods and apparatus for use in exhaust manifold assemblies of large diesel engines, such as ships, locomotives and the like. In one aspect, a screen for use in an exhaust manifold assembly is provided. The screen includes a plate formed in a concave shape. The plate has a plurality of apertures and a plurality of radially oriented closed slots formed therein. The screen further includes a band on an outer perimeter of the plate. In another aspect, a reducer assembly for use in an exhaust manifold assembly is provided. In yet a further aspect, a method of using a screen in an exhaust manifold assembly is provided.

No. of Pages : 19 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3536/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :14/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : IMAGE PROCESSING APPARATUS, IMAGE PROCESSING METHOD AND PROGRAM

(51) International classification	:H04N	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:P2010-236176	<b>1)SONY CORPORATION</b>
(32) Priority Date	:21/10/2010	Address of Applicant :1-7-1 KONAN, MINATO-KU,
(33) Name of priority country	:Japan	TOKYO Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)YOSHIKUNI NOMURA</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is an image processing apparatus including: a detecting section which receives a color mosaic image generated by an imaging process of a single chip color imaging device as an input and detects the strength of a high frequency signal in the proximity of a target pixel which is an interpolation process target; a plurality of statistic calculating sections each of which sets a reference region having a different area around the target pixel and calculates an individual statistic based on a pixel value included in the reference region; and an interpolating section which changes a blended state of the plurality of statistics calculated by the plurality of statistic calculating sections according to the strength of the high frequency signal detected by the detecting section and calculates an interpolated pixel value in the position of the target pixel by a blending process of the plurality of statistics.

No. of Pages : 69 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3538/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :14/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR MAINTAINING PORTABLE HEALTH RECORDS AND OFFERING SERVICES

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)GENERAL ELECTRIC COMPANY</b>
(32) Priority Date	:NA	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:NA	NEW YORK 12345 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)BHASKAR, TARUN</b>
(87) International Publication No	: NA	<b>2)SUBRAMANIAN, GOPI</b>
(61) Patent of Addition to Application Number	:NA	<b>3)THANGAPRABHU, AROKIASWAMY</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system for maintaining portable health records is disclosed. The method includes a plurality of processing subsystems that have a cloud computing architecture, the plurality of processing subsystems, comprising a receiving device configured to receive patient data corresponding to one or more of a plurality of patients from at least one healthcare service provider processing subsystem; and a storage module that processes the patient data to store the patient data in a layered data structure format of historical health records and socio-economic condition records.

No. of Pages : 36 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3539/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :14/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : INTEGRAL CAM OPERATED ROTARY SWITCHES

(51) International classification	:H01H	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)SALZER ELECTRONICS LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :SALZER ELECTRONICS LTD.
(33) Name of priority country	:NA	SAMICHETTIPALAYAM, COIMBATORE - 641 047 Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)D. RAJESHKUMAR</b>
(61) Patent of Addition to Application Number	:NA	<b>2)V. RAMESHBABU</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the rotary switches in particular integral cam operated rotary switches wherein the circuits are activated in one or more switch positions (settings) and wherein a programmed activation of said load circuits are provided. Specifically, the present invention provides for rotary switches which are adaptable for use as both NO (normally open) and NC (normally closed) switches.

No. of Pages : 21 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3576/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :18/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : BOBBIN AND ROTATING ELECTRICAL MACHINE

(51) International classification	:H01F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-253156	<b>1)KABUSHIKI KAISHA YASKAWA DENKI</b>
(32) Priority Date	:11/11/2010	Address of Applicant :2-1, KUROSAKI-SHIROISHI,
(33) Name of priority country	:Japan	YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA
(86) International Application No	:NA	8060004 Japan
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)MANABU HARADA</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

To prevent winding of a coil wire around a bobbin from becoming disturbed. An inclined portion is formed at a terminal surface of a terminal base so that a coil wire is linearly disposed in a section extending from a winding ending position, where winding of the coil wire around a body ends, to a winding starting position, where winding of the coil wire around a pin terminal starts. Due to the inclined portion, a portion where the coil wire contacts a corner of the terminal surface and becomes bent does not exist. Therefore, when an end of the coil wire is secured to the pin terminal, sinking of the coil wire caused by deformation of the corner by heat generated by soldering does not occur. As a result, it is possible to prevent a reduction in the tension of the coil wire, and to prevent the winding of the coil wire from becoming disturbed.

No. of Pages : 31 No. of Claims : 5



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3577/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :18/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : ROTATING ELECTRIC MACHINE, ROBOT, METHOD OF MANUFACTURING ROTATING ELECTRIC MACHINE, AND HOLLOW SHAF

(51) International classification	:H02K	(71)Name of Applicant :
(31) Priority Document No	:2010-253142	<b>1)KABUSHIKI KAISHA YASKAWA DENKI</b>
(32) Priority Date	:11/11/2010	Address of Applicant :2-1, KUROSAKI-SHIROISHI,
(33) Name of priority country	:Japan	YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA
(86) International Application No	:NA	8060004 Japan
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)TAKAYUKI AOKI</b>
(61) Patent of Addition to Application Number	:NA	<b>2)TAKESHI KAWAKAMI</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

To prevent a rotating shaft from being deformed or inclined when a rotor is press-fitted onto an outer periphery of a hollow rotating shaft. A rotating electric machine 1 includes a shaft 30 with a hollow structure and with press-fit parts, such as a rotor 20, a bearing 50, and a rotary portion 83, press-fitted onto an outer periphery. The shaft 30 has a recess 33 at an inner periphery 34, the recess 33 which allows a jig 90 to be engaged with the recess 33. In an assembly step of the rotating electric machine 1, when the press-fit part, such as the rotor 20, is press-fitted onto the outer periphery of the shaft 30, the jig 90 inserted to the inner periphery 34 of the shaft 30 can support the shaft 30.

No. of Pages : 61 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3579/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :18/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PAYLOAD SEPARATION SYSTEM

(51) International classification	:B64G	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)INDIAN SPACE RESEARCH ORGANISATION</b>
(32) Priority Date	:NA	Address of Applicant :ISRO HEADQUARTERS,
(33) Name of priority country	:NA	DEPARTMENT OF SPACE, ANTARIKSH BHAVAN, NEW
(86) International Application No	:NA	BEL ROAD, BANGALORE 560 094 Karnataka India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)NAGA SREENIVASA RAO YANGALA SETTY</b>
(61) Patent of Addition to Application Number	:NA	<b>2)ABRAHAM VARGHESE</b>
Filing Date	:NA	<b>3)POKKAN PURUSHOTHAMAN</b>
(62) Divisional to Application Number	:NA	<b>4)RAHHAVAN PILLAI RADHAKRISHNA PILLAI</b>
Filing Date	:NA	<b>5)JOHN PUTHUCHIRA ZACHARIAH</b>

(57) Abstract :

The payload separation system according to the present invention comprising a ball lock mechanism with a pyrothruster (5). The entire system is arranged in such a way that, the shock and tip-off impart to the payload due to the separation is significantly less. The actuation of pyrothruster (5) displays the retainer ring (3) in the ball lock system which release the balls (4) accommodated inside the fore end and aft end rings (1 & 2). The payload is mounted on the fore end ring (1) and the launch vehicle is mounted on the aft end ring (2). The spring thrusters (6A) provide jettisoning velocity to the fore end and aft end rings (1&2), thereby causing separation of the payload from the rest of the system.

No. of Pages : 22 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3631/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :24/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : ARTIFICIAL HUMANOID ROBOTIC HAND AND PROCESS OF MANUFACTURING THEREOF

(51) International classification	:B25J	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)Amrita Vishwa Vidyapeetham</b>
(32) Priority Date	:NA	Address of Applicant :Amritapuri Campus Kollam Kerala
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)Dr. Ganesha Udupa</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In view of the foregoing an embodiment herein provides an artificial humanoid robotic hand and a process of manufacturing asymmetric tube or bellows for the robotic hand. The robotic hand can grasp objects securely and the fingers of the hand can deform and wrap around an object of any shape to hold it securely. Such a robotic hand is obtained by using Asymmetric Flexible Pneumatic Actuators (AFPA) as fingers or finger joints of a multi-fingered dexterous hand. Accordingly the robotic hand includes plurality of asymmetric tubes or bellows that are configured as fingers or finger joints of the robotic hand. These fingers are operated by a single motor and controlled by an electro-pneumatic pressure control system that controls the amount of internal pressure to be applied to the fingers to make them coil or bend around a particular object. A method for manufacturing the asymmetric tube is also disclosed.

No. of Pages : 35 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3224/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYNERGISTIC FORMULATION FOR THE TREATMENT OF DIABETES

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CHITTA SURESH KUMAR
(32) Priority Date	:NA	Address of Applicant :PLOT NO. 302, ANANTA SAI
(33) Name of priority country	:NA	RESIDENCY, NEAR RAJ TOWERS, KAMALA NAGAR,
(86) International Application No	:NA	ANATAPUR - 515 001 Andhra Pradesh India
Filing Date	:NA	2)CHEVVA MOREMGARI ANURADHA
(87) International Publication No	: NA	3)KUMAR VADLAPUDI
(61) Patent of Addition to Application Number	:NA	4)BANAGANAPALLI BABAJAN
Filing Date	:NA	5)MULAKALAYA CHAITANYA
(62) Divisional to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CHITTA SURESH KUMAR
		2)CHEVVA MOREMGARI ANURADHA
		3)KUMAR VADLAPUDI
		4)BANAGANAPALLI BABAJAN
		5)MULAKALAYA CHAITANYA

(57) Abstract :

The present invention relates to a synergistic therapeutic and nutraceutical composition for the management and/ or normalizing of blood glucose level in mammals. In particular, the composition of the present invention includes blend of hypoglycemic agents and physiologically nutrient components to improve glycemic control and reduce risk factor associated with diabetes.

No. of Pages : 20 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3225/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : HETEROCYCLIC COMPOUNDS AS INHIBITORS OF FATTY ACID BIOSYNTHESIS FOR BACTERIAL INFECTIONS

(51) International classification

:C07D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

**1)RADHA RANGARAJAN**

**2)RAJINDER KUMAR**

**3)B.V. PRABHAKAR**

**4)P. MALLIKARJUMA**

**5)ANKITA BANERJEE**

(57) Abstract :

The present invention relates to novel heterocyclic compounds which specifically inhibit bacterial FabI and can be used for the treatment of Staphylococcal infections.

No. of Pages : 56 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3227/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PINNED CONNECTION SYSTEM FOR CRANE COLUMN SEGMENTS

(51) International classification	:H01R	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:61/384,709	<b>1)MANITOWOC CRANE COMPANIES, LLC</b>
(32) Priority Date	:20/09/2010	Address of Applicant :2400 SOUTH 44TH STREET,
(33) Name of priority country	:U.S.A.	MANITOWOC, WI 54221 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)WALKER, ROBERT, J.</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A crane has an upper works rotatably mounted on a lower works. The crane includes at least one column member. The column member includes at least a first and a second column segment each with a longitudinal axis and a first and a second end, the second end of the first segment being coupled to the first end of the second segment. At least a first, a third and a fifth connector are located on the second end of the first segment, respectively mating with at least a second, a fourth and a sixth connector on the first end of the second segment. Each of the connectors includes at least a first extension having a through-hole there through, the through-hole having an axis perpendicular to said longitudinal axis and positioned in the extension such that the through-holes of mating connectors are aligned when the column segments are aligned. Each of the connectors also includes a compressive load bearing surface, the compressive load bearing surfaces being positioned to carry compressive loads between the first and second column segments when the column segments are aligned. A first pin fits tightly through the through-hole of the first extension on the first connector and the through-hole of the first extension on the second connector to hold the first and second connectors together. A second pin fits loosely through the through-hole of the first extension on the third connector and the through-hole of the first extension on the fourth connector on the first end of the second segment to hold the second and fourth connectors together.

No. of Pages : 33 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3635/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :24/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN AUTOMISED MACHINE FOR MAKING STRING HOPPER OR A DISH OF SIMILAR PROFILE

(51) International classification

:A21C

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)DURAI SWAMY NATARAJ**

Address of Applicant :NO. 284, DR. AMBEDKAR ROAD,  
VELANDIPALAYAM, COIMBATORE - 641 025 Tamil Nadu  
India

(72)Name of Inventor :

**1)DURAI SWAMY NATARAJ**

(57) Abstract :

This Automised Machine consisting of a Main Frame with a revolving Top Platform fitted over the Rest Bed through two bearing and housing sets at either ends, adjustable by a Special Slot Arrangement, to get the required size - diameter of the string hopper. Top revolving platform is operated by a geared Motor through a Coupling and Balancing Counter Pulley Drive System . Dough in the cylinder is pressurized through a die determining the shape of the string hopper. Dough is pressed by means of piston plate, a pressing rod centrally fitted to the pressing plate, operated by individual respective hydraulic units. A Main Control Valve controls the pressurised oil passing through the pipe line. The system is supported on the Main Frame, having a receiving Horizontal Frame. A Dough Receiver Tray is placed on the Conveyor Belt and is held in position by a number of parallel Rollers.

No. of Pages : 11 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3511/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :12/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : ROTOR OF A ASYNCHRONOUS RELUCTANCE MACHINE AND THE METHOD FOR MANUFACTURING THE ROTOR OF A SYNCHRONOUS RELUCTANCE MACHINE

(51) International classification	:H02K	(71)Name of Applicant :
(31) Priority Document No	:20106052	<b>1)ABB OY</b>
(32) Priority Date	:12/10/2010	Address of Applicant :STROMBERGINTIE 1, FI-00380
(33) Name of priority country	:Finland	HELSINKI Finland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)KOLEHMAINEN, JERE</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The object of the invention is a rotor for a synchronous reluctance machine which comprises an axis, which is supported by bearings to rotate inside a stator, and to which axis a rotor frame has been attached, and the manufacturing method of the rotor. According to the invention, the frame (12) is made of magnetically non-conductive material, comprising arranged magnetically conductive bar-shaped objects (16,18) which extend through the rotor frame from the outer surface of the magnetic pole of the rotor to the outer surface of the pole and that the whole length of each bar-shaped object (16,18) inside the rotor frame (2) is surrounded by non-magnetic material.

No. of Pages : 21 No. of Claims : 22



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3512/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :12/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : OPTIMIZED CATALYST FOR CATALYTIC REFORMING

(51) International classification	:B01J	(71)Name of Applicant :
(31) Priority Document No	:10/04.051	<b>1)IFP ENERGIES NOUVELLES</b>
(32) Priority Date	:15/10/2010	Address of Applicant :1 & 4 AVENUE DE BOIS-PREAU,
(33) Name of priority country	:France	92852 RUEIL-MALMAISON CEDEX France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)LACOMBE, SYLVIE</b>
(87) International Publication No	: NA	<b>2)BOUALLEG, MALIKA</b>
(61) Patent of Addition to Application Number	:NA	<b>3)SANCHEZ, ERIC</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention concerns an optimized reforming catalyst comprising at least platinum, at least one promoter metal selected from the group formed by rhenium and iridium, at least one halogen, and at least one alumina support with a low sulphur and phosphorus content.

No. of Pages : 36 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3513/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :12/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : INK JET PRINTING APPARATUS AND INK JET PRINTING METHOD

(51) International classification	:B41J	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-232707	<b>1)CANON KABUSHIKI KAISHA</b>
(32) Priority Date	:15/10/2010	Address of Applicant :30-2, SHIMOMARUKO 3-CHOME, OHTA-KU, TOKYO Japan
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)MARUMOTO, YOSHITOMO</b>
Filing Date	:NA	<b>2)YAMAGUCHI, HIROMITSU</b>
(87) International Publication No	: NA	<b>3)KATO, RYOTA</b>
(61) Patent of Addition to Application Number	:NA	<b>4)TSUBOI, HITOSHI</b>
Filing Date	:NA	<b>5)MASADA, YOHEI</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A printing apparatus that includes nozzle arrays, formed of nozzles for ejecting ink of the first to fourth ink color groups, and that scans a print medium while moving the nozzle arrays to perform printing. For printing a unit area of a print medium, where printing is to be completed by performing a plurality of scans, the printing apparatus performs a plurality of scans, and conveys, between movements, a print medium a predetermined amount, which is equivalent to the width of the unit area. Then, to perform a plurality of scans using the nozzle arrays for the first to fourth ink color groups, print data are generated, so that for the nozzle arrays that belong to two ink color groups, the nozzle array for the first ink color group is employed to eject ink into the unit area prior to the nozzle array for the second ink color group.

No. of Pages : 58 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3514/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :12/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND DEVICE FOR DETERMINING THE SOOT CONCENTRATION IN THE ENGINE OIL OF INTERNAL COMBUSTION ENGINES

(51) International classification	:F01N	(71)Name of Applicant :
(31) Priority Document No	:10 2010	1)MAN Truck & Bus AG
(32) Priority Date	048 748.1	Address of Applicant :Dachauer Str. 667 80995
(33) Name of priority country	:16/10/2010	München Germany
(86) International Application No	:Germany	(72)Name of Inventor :
Filing Date	:NA	1)FISCHER Felix
(87) International Publication No	:NA	2)BECK Harald
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for determining the soot concentration in the engine oil of internal combustion engines in which method a defined quantity of the engine oil is conducted with a defined flow speed along and/or through a measurement path (2) wherein in the region of the measurement path (2) the engine oil is acted on with energy from at least one energy source (13) in such a way that the soot particles contained in the engine oil at least partially absorb said energy. The energy quantity absorbed in the measurement path (2) region is subsequently detected and from this a soot concentration in the engine oil is determined. The invention also claims a device for determining the soot concentration in the engine oil of internal combustion engines.

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3515/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :12/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : INSECT PARASITOID AND PREDATOR COLLECTION DEVICE•

(51) International classification	:A01M	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Dr. Suseelendra Desai
(32) Priority Date	:NA	Address of Applicant :Member Secretary (ITMC) Central
(33) Name of priority country	:NA	Research Institute for Dryland Agriculture Santoshnagar
(86) International Application No	:NA	Hyderabad Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Dr. M. Prabhakar
(61) Patent of Addition to Application Number	:NA	2)Dr. Y.G. Prasad
Filing Date	:NA	3)Dr. B. Venkateswarlu
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A light-weight portable device designed for collecting live parasitoid and predator insects emerging from the plant material infested with sucking pest such as mealybugs and scale insects. It can also be used to collect adults of shootfly and leafminers. The device comprises of an upper parasitoid collection chamber lower cylindrical chamber and an inverted funnel connecting these two. The beak of the top funnel is inserted into a transparent collection chamber. Aeration to the collection chamber is provided through a fine wire mesh. The sample materials are to be placed in the cylindrical part by removing the funnel shaped lid at the bottom. The tiny parasitoids and predator insects emerging from the sample material move upward towards light enter the top container and get trapped. The device works on the principle of positive phototactic behavior of flying insects. It is easy to operate and can be reused several times.

No. of Pages : 16 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3632/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :24/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND ARTICLE FOR ENCOURAGING WASHING

(51) International classification	:A61Q	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)SPENCERHALL, INC</b>
(32) Priority Date	:NA	Address of Applicant :11321, TERWILLIGERS CREEK
(33) Name of priority country	:NA	DRIVE CINCINNATI, OHIO 45249 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)ALBERT M. FISCHER</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The subject invention is an article and method for encouraging washing. In a preferred embodiment the article comprises a substrate having a lower surface for attaching the article to the skin of a user and an upper surface for having a final image thereon, a dissolvable material layer covering upper surface of the substrate and the final image and having a surfactant impregnated thereon. The upper surface of the dissolvable material layer includes an initial image thereon. In use, the user wets the dissolvable material layer and using rubbing force dissipates the surfactant along the skin of the user. During use, the dissolvable material layer and the initial image dissolve until the final image is viewable to the user, In a preferred embodiment of the invention, the final image resembles a temporary tattoo.

No. of Pages : 27 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3633/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :24/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PROCESS FOR FOSINOPRIL

(51) International classification

:C07F

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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SANATH NAGAR, HYDERABAD - 500 018 Andhra Pradesh  
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(72)Name of Inventor :

**1)PARTHASARADHI REEDY, BANDI**

**2)RATHNAKAR REDDY, KURA**

**3)MURALIDHARA REDDY, DASARI**

**4)RAMAKRISHNA REDDY, MATTA**

**5)VAMSI KRISHNA, BANDI**

(57) Abstract :

The present invention provides a process for the purification of racemic-[[2-methyl--(1-Oxopropoxy)propoxy-4-phenylbutyl]phosphinyl]acetic acid. The present invention also provides a process for the purification of fosinopril sodium. The present invention also provides a process for the preparation of recovery of racemic-[[2-methyl-l-(1-oxopropoxy)propoxy- 4-phenylbutyl]phosphinyl]acetic acid.

No. of Pages : 21 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3634/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :24/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PROCESS FOR MOXONIDINE

(51) International classification

:C07D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)HETERO RESEARCH FOUNDATION**

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(72)Name of Inventor :

**1)PARTHASARADHI REDDY, BANDI**

**2)RATHNAKAR REDDY, KURA**

**3)MURALIDHARA REDDY, DASARI**

**4)RAMAKRISHNA REDDY, MATTA**

**5)VAMSI KRISHNA, BANDI**

(57) Abstract :

The present invention provides an improved process for the preparation of 4,6-dichloro-2-methyl-5-(1-acetyl-2-imidazolin-2-yl)aminopyrimidine. The present invention also provides an improved process for the preparation of moxonidine. The present invention further provides a process for the purification of moxonidine.

No. of Pages : 11 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3654/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :24/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : INTERNAL COMBUSTION ENGINE

(51) International classification	:F02B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)TVS MOTOR COMPANY LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :JAYALAKSHMI ESTATE, 24 (OLD
(33) Name of priority country	:NA	NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil Nadu
(86) International Application No	:NA	India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)BABU, J VIMALADAS VIJI</b>
(61) Patent of Addition to Application Number	:NA	<b>2)SUBRAMONIAM, CHITHAMBARAM</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An internal combustion (IC) engine (100) having a common combustion chamber is disclosed. The IC engine (100) includes a first cylinder bore (104), and a first piston (112) reciprocating in the first cylinder bore (104) and driving a first crankshaft (110). The first crankshaft (110), disposed at a distal extreme end of the first cylinder bore (104), provides a primary drive to propel a vehicle. The IC engine (100) further includes a second cylinder bore (106), proximal extreme ends of the first cylinder bore (104) and the second cylinder bore (106) being adjacent. A second piston (124) reciprocates in the second cylinder bore (106) and drives a second crankshaft (122). The second crankshaft (122), disposed at a distal extreme end of the second cylinder bore (106), provides a secondary drive to operate at least one auxiliary component.

No. of Pages : 20 No. of Claims : 10



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3655/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :24/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : THERMAL DECOMPOSITION TREATMENT EQUIPMENT

(51) International classification	:C23C	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)Mr.Surya Kotha</b>
(32) Priority Date	:NA	Address of Applicant :504 City Towers Laxmipuram
(33) Name of priority country	:NA	Guntur-522007 Andhra Pradesh India
(86) International Application No	:NA	<b>2)Mr. Nagaraja Munidasappa</b>
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)Mr.Surya Kotha</b>
(61) Patent of Addition to Application Number	:NA	<b>2)Mr. Nagaraja Munidasappa</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the deposition of ash and moisture absorbed by the ash deposited on the floor of ceramic furnaces heaters and separately pyrolysis process can be effectively removed without requiring a heat source. The present invention relates hearth ash deposits in combustion chamber 7 5A tubular heat absorption is a center located near the upper 5A and 25A of the said hearth ash deposits along the periphery of a tube will be placed near the bottom of the buried Section 25B of the radiation heat transfer has a body 25 which is integrally connected to section 25A absorbed in endothermic Ambient heat radiation unit 25B ash deposits collected around the telling of a thermal heating and ash deposition during Removed by evaporating the moisture is absorbed.

No. of Pages : 10 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3484/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :10/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : OPTIMIZATIONS FOR ACTUATING AN AUTOMATED TRANSMISSION, IN PARTICULAR AN AUTOMATED TRANSMISSION OF A COMMERCIAL VEHICLE

(51) International classification	:F16H	(71)Name of Applicant :
(31) Priority Document No	:10 2010	<b>1)MAN TRUCK &amp; BUS AG</b>
(32) Priority Date	048 216.1	Address of Applicant :DACHAUER STR. 667, 80995
(33) Name of priority country	:12/10/2010	MUNCHEN Germany
(86) International Application No	:Germany	(72)Name of Inventor :
Filing Date	:NA	<b>1)WOLFGANG HUDELMAIER</b>
(87) International Publication No	:NA	<b>2)WOLFGANG ZIEGLMAIER</b>
(61) Patent of Addition to Application Number	:NA	<b>3)CLAUS HELLBERG</b>
Filing Date	:NA	<b>4)MARTIN WEINER</b>
(62) Divisional to Application Number	:NA	<b>5)GEORG GREPPMEIER</b>
Filing Date	:NA	<b>6)MAXIMILIAN HUBER</b>

(57) Abstract :

The invention relates to a method for actuating an automated transmission, in particular an automated transmission of a commercial vehicle, which is coupled to a drive motor, with data and/or signals being supplied to a controller of the automated transmission via an interface. According to the invention, when a defined event occurs, a temporally predictive non-steady profile of the drive motor torque for this event is transmitted to the controller of the automated transmission, and therefore the transmission controller ascertains and/or specifies a transmission shifting strategy on the basis of this transmitted data. The invention also relates to an apparatus for actuating an automated transmission, and also to a test rig.

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3485/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :10/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND DEVICE FOR OPERATING A VEHICLE, IN PARTICULAR A MOTOR VEHICLE OR UTILITY VEHICLE

(51) International classification	:G01C	(71)Name of Applicant :
(31) Priority Document No	:10 2010	<b>1)MAN TRUCK &amp; BUS AG</b>
(32) Priority Date	048 326.5	Address of Applicant :80995 MUNCHEN, DACHAUER
(33) Name of priority country	:13/10/2010	STR. 667 Germany
(86) International Application No	:Germany	(72)Name of Inventor :
Filing Date	:NA	<b>1)KARLHEINZ DORNER</b>
(87) International Publication No	:NA	<b>2)ANDREAS ZIMMERMANN</b>
(61) Patent of Addition to Application Number	:NA	<b>3)DANIEL HEYES</b>
Filing Date	:NA	<b>4)PETER DRIMML</b>
(62) Divisional to Application Number	:NA	<b>5)BRITTA MICHEL</b>
Filing Date	:NA	

(57) Abstract :

Method and device for operating a vehicle, in particular a motor vehicle or utility vehicle. The invention relates to a method for operating a vehicle, in particular a motor vehicle or utility vehicle, having an acquisition device for acquiring defined route section data of an upcoming route section to be passed through using a vehicle, in particular using a utility vehicle. According to the invention, the route section data, which are acquired by means of the acquisition device, of the upcoming route section to be passed through are evaluated in an evaluation device with respect to the wear reduction potential of at least one vehicle-side wearing part for the upcoming route section to be passed through such that, to reduce and/or optimize the wear of the at least one wearing part, at least one actuating parameter, in particular an actuating time and/or an actuating duration, is predetermined for the at least one wearing part in the upcoming route section to be passed through, and at least one auxiliary device which supports the at least one wearing part in its action is activated in the upcoming route section to be passed through in accordance with at least one predefined auxiliary device parameter.

No. of Pages : 13 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3487/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :10/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PURIFICATION METHOD

(51) International classification

:C02F

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)Dr. Reddy<sup>TM</sup>s Laboratories Limited**

Address of Applicant :V. R. Srinivas Ph.D. Intellectual  
Property Management Biologics development Center Dr.  
Reddy<sup>TM</sup>s Laboratories Limited Survey Nos. 47 Bachupalli  
Qutubullapur RR District 500090 AP India Tamil Nadu  
India

(72)Name of Inventor :

**1)Ravikant V. Devakate**

**2)Vishal R. Ghare**

**3)Neeraj Narayanan**

**4)Gazala Khan Koticha**

(57) Abstract :

The invention provides a method of purification of an anti-VEGF antibody using chromatographic technique. The method involves the use of cation-exchange chromatography for the purification of the antibody wherein the cation exchange eluate is collected as a whole without the need for fractionation. The purified antibody can be used as a therapeutic composition.

No. of Pages : 18 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3664/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :25/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A LOAD MEASURING DEVICE IN A VEHICLE

(51) International classification	:H02K	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)ROBERT BOSCH ENGINEERING AND BUSINESS</b>
(32) Priority Date	:NA	<b>SOLUTIONS LIMITED</b>
(33) Name of priority country	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(86) International Application No	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	<b>2)ROBERT BOSCH GMBH</b>
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)ROHIT CHAKRAVARTHY</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A load measuring device (500) is disclosed. The device comprises a drive wheel (10) having an off-centre connection (12) to a load (100) via a rod (11) and a stator-rotor combination (30) connected to the drive wheel (10) through a shaft (20) and adapted to generate a voltage corresponding to the force exerted by the load (100). The device (500) further comprises a control device (50) for measuring the voltage and determining the magnitude of the force exerted by the load (100).

No. of Pages : 10 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3665/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :25/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD OF MANUFACTURING GLASS PREFORM

(51) International classification	:C23C	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-240901	<b>1)SUMITOMO ELECTRIC INDUSTRIES, LTD.</b>
(32) Priority Date	:27/10/2010	Address of Applicant :5-33, KITAHAMA 4-CHOME,
(33) Name of priority country	:Japan	CHUO-KU, OSAKA-SHI, OSAKA Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)ISHIHARA, TOMOHIRO</b>
(87) International Publication No	: NA	<b>2)ITOU, TERUHIKO</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

According to one embodiment, there is provided a method of manufacturing a glass preform, including: obtaining a glass-fine-particle deposit by a VAD process; and heating the obtained glass-fine-particle deposit at a high temperature, thereby manufacturing a transparent glass preform, wherein, while depositing glass fine particles, in addition to monitoring a deposition shape of the glass-fine-particle deposit and controlling a pull-up rate of the glass-fine-particle deposit, there is controlled at least any of: flow rates of glass starting gases to be charged into glass-fine-particle producing burners; flow rates of flame forming gases to be charged into the glass-fine-particle producing burners; and positions of the glass-fine-particle producing burners relative to the glass-fine-particle deposit, so that the deposition shape may become a target shape, and wherein the deposition of the glass fine particles is stopped in a case where the deposition shape deviates from the target shape.

No. of Pages : 21 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3495/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :11/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD FOR MACHINING, IN PARTICULAR FOR MECHANICAL MACHINING, OF AT LEAST ONE EXHAUST-GAS-CONDUCTING SURFACE REGION OF AN INTERNAL COMBUSTION ENGINE OR CRANKCASE PART, INTERNAL COMBUSTION ENGINE CRANKCASE AND CYLINDER SLEEVE

(51) International classification	:F01M	(71)Name of Applicant :
(31) Priority Document No	:10 2010	<b>1)MAN TRUCK &amp; BUS AG</b>
(32) Priority Date	048 550.0	Address of Applicant :DACHAUER STR. 667, 80995
(33) Name of priority country	:14/10/2010	MUNCHEN Germany
(86) International Application No	:Germany	(72)Name of Inventor :
Filing Date	:NA	<b>1)SCHARF, PETER</b>
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for machining, in particular for mechanical machining, of at least one exhaust-gas-conducting surface region of an internal combustion engine or crankcase part, in particular for machining at least one cylinder barrel of an internal combustion engine crankcase or machining at least one cylinder barrel of a cylinder sleeve, includes using a surface-condition-changing machining tool. The at least one exhaust-gas-conducting surface region is produced from a corrodible material and is brought into contact, during the machining through the use of the surface-condition-changing machining tool, with at least one tribochemically activatable substance being activated during the machining in particular as a function of a defined contact pressure of the machining tool and/or as a function of a defined machining temperature, and forms a corrosion-resistant surface as a triboreaction layer with the respective surface region, by tribochemical reaction. A crankcase and a cylinder sleeve formed in this way are also provided.

No. of Pages : 17 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3496/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :11/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PRESSURE VESSEL

(51) International classification	:B65G	(71)Name of Applicant :
(31) Priority Document No	:2010-232222	1)KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.)
(32) Priority Date	:15/10/2010	Address of Applicant :10-26, WAKINOHAMA-CHO 2-CHOME, CHUO-KU, KOBE-SHI, HYOGO 651-8585 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)TERADA, SUSUMU
Filing Date	:NA	2)NISHIHARA, TATSUO
(87) International Publication No	: NA	3)FUKADA, YUKIHIRO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A pressure vessel, including: a body portion; and an inclined nozzle projecting from the body portion along an axis inclined relative to an inner surface of the body portion, wherein: a through hole of a circular section is formed through both the body portion and the inclined nozzle along the inclined axis; at an intersecting portion between the inner surface of the body portion and a surface surrounding the through hole, there are formed round portions throughout the whole circumference; and in an inner opening of the through hole appearing in a generally elliptic shape when the inner surface of the body portion is seen in a direction orthogonal thereto, the radius of each of round portions formed at two positions in a major axis direction is smaller than the radius of each of round portions formed at two positions in a minor axis direction, and the round portions formed throughout the whole circumference increase in radius continuously from the round portions positioned in the major axis direction to the round portions positioned in the minor axis direction.

No. of Pages : 28 No. of Claims : 3



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3497/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :11/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : FIBER BUNDLE CONCENTRATING DEVICE FOR SPINNING MACHINE

(51) International classification	:D01H	(71)Name of Applicant :
(31) Priority Document No	:2010-232244	1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
(32) Priority Date	:15/10/2010	Address of Applicant :2-1, TOYODA-CHO, KARIYA-SHI,
(33) Name of priority country	:Japan	AICHI-KEN Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KAWAI, YASUYUKI
(87) International Publication No	: NA	2)ASHIZAKI, TETSUYA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A fiber bundle concentrating device for a spinning machine is located downstream of a pair of final delivery-rollers of a draft part. The fiber bundle concentrating device, includes a suction pipe having a guide surface with a suction slit, a guide portion, and an air-permeable conveyer belt that is rotated while being wrapped about the suction pipe and the guide portion, thereby conveying a fiber bundle. The suction slit includes a first edge and a second edge, which face each other with respect to the widthwise direction of the suction slit. The first side edge functions as a guide edge for concentrating a fiber bundle. The first and second edges and an upper edge of the suction slit define a wide portion, and the slit width of the wide portion is greater than that of a part of the suction slit that is downstream of the wide portion. The wide portion has first and second end points. The first end point is located closer to the guide edge, and the second end point is located closer to the second edge. The first end point is located downstream of the second end point in a travel direction of the fiber bundle.

No. of Pages : 26 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3431/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :03/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : TASTE MASKED H2 ANTAGONIST PHARMACEUTICAL FORMULATIONS

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)Dr Reddy<sup>TM</sup>s Laboratories Limited</b>
(32) Priority Date	:NA	Address of Applicant :8-2-337 Road No 3 Banjara Hills
(33) Name of priority country	:NA	Hyderabad Andhra Pradesh. Tamil Nadu India
(86) International Application No	:NA	<b>2)Dr.Reddy<sup>TM</sup>s Laboratories Inc.</b>
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)Chellekkagari Pradeep Kumar Reddy</b>
(61) Patent of Addition to Application Number	:NA	<b>2)Irukula Srinivas</b>
Filing Date	:NA	<b>3)Gandhi Krishnakanth Tulsiram</b>
(62) Divisional to Application Number	:NA	<b>4)Hanjagimutt Umesh</b>
Filing Date	:NA	<b>5)Joginapalli Nishanth</b>

(57) Abstract :

The present application provides taste masked film-coated ranitidine tablets comprising ranitidine or its pharmaceutically acceptable salts together with one or more pharmaceutically acceptable excipients, processes for its preparation and providing relief from heartburn associated with acid indigestion and sour stomach brought on by certain foods and beverages, using taste masked film-coated ranitidine tablets that can be easily ingested by patients.

No. of Pages : 30 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3667/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :25/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : 3D STEREOSCOPIC IMAGING DEVICE WITH AUTO PARALLAX

(51) International classification	:H04N	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)MOHAN DEVARAJ</b>
(32) Priority Date	:NA	Address of Applicant :NO. 70 KALYANA MANDAPA
(33) Name of priority country	:NA	STREET, TAKKOLAM POST, ARAKONAM TALUK,
(86) International Application No	:NA	VELLORE DIST, PIN - 631 151 Tamil Nadu India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)MOHAN DEVARAJ</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a 3D stereoscopic imaging device is incorporating the RHS imaging devices or camera and LHS imaging devices or camera simultaneously to generates a high resolution, wide and depth of field of view with absolutely no parallax error image database from which images are stitched by the arrangement of either image Stitching Module or Computer software and stores in the device as extended from 2D image storing methods to provide parallax, wide and depth of field of view while reviewing or projecting or displaying through methods as extended from 2D methods with naked eye or eyes.

No. of Pages : 17 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3669/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :25/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A NOVEL COST EFFECTIVE SUSTAINED RELEASE STABLE FORMULATION FOR INSECT PHEROMONES IN A SCIENTIFICALLY DESIGNED INSECT/PEST TRAP FOR EFFECTIVE MALE MATTING DISRUPTION AND SUBSEQUENT CONTROL AND MONITORING ON INSECT PEST POPULATION FOR THE IMPROVED INDIAN AGRICULTURAL CROP PRODUCTION

(51) International classification	:A01N	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)D. MAYIL VAGANAN</b>
(32) Priority Date	:NA	Address of Applicant :NO.20, V.O.C. STREET,
(33) Name of priority country	:NA	MEENAMBAKKAM, CHENNAI - 600 207 Tamil Nadu India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)D. MAYIL VAGANAN</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An aqueous gel sol formulation comprising a pheromone dispersed and entrapped in a biodegradable carbopol carrier comprising Carbopol at the concentration of 05-2.5% most preferably at the concentration of 1-2% for its desirable viscosity & optimal release of active ingredients.

No. of Pages : 11 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3670/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :25/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS COMPRISING APREPITANT

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)Dr Reddy<sup>TM</sup>s Laboratories Limited</b>
(32) Priority Date	:NA	Address of Applicant :8-2-337 Road No. 3 Banjara Hills
(33) Name of priority country	:NA	Hyderabad Andhra Pradesh India
(86) International Application No	:NA	<b>2)Dr.Reddy<sup>TM</sup>s Laboratories Inc.</b>
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)Khalid Akhter Ansari</b>
(61) Patent of Addition to Application Number	:NA	<b>2)Devendra Narayanrao Ridhurkar</b>
Filing Date	:NA	<b>3)Sanju Dhawan</b>
(62) Divisional to Application Number	:NA	<b>4)Raviraj Sukumar Pillai</b>
Filing Date	:NA	

(57) Abstract :

The present application provides a pharmaceutical compositions comprising aprepitant and processes for preparation thereof, the application relates to pharmaceutical compositions comprising solubility-enhanced aprepitant compositions, wherein aprepitant along with one or more miscible polymers is the form of a melt extrudates

No. of Pages : 30 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3671/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :25/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PROFILE FORMING SPLIT TYPE CUTTER FOR WOOD WORKING

(51) International classification	:E06B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)Vinayakapandi N.</b>
(32) Priority Date	:NA	Address of Applicant :30/11 Ponnagaram 2nd Lane Hot
(33) Name of priority country	:NA	Water Channel Road Madurai Tamil Nadu-625016 India.
(86) International Application No	:NA	Tamil Nadu India
Filing Date	:NA	<b>2)Vinayakapandi N.</b>
(87) International Publication No	: NA	(72) <b>Name of Inventor :</b>
(61) Patent of Addition to Application Number	:NA	<b>1)Vinayakapandi N.</b>
Filing Date	:NA	<b>2)Vinayakapandi N.</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The improvised Profile Forming Split Type cutter for wood working is a circular disc of mild steel having a round hole at the center to fit into the main shaft of the machine and having as many as required teeth on its circumference. The profile is split into number of portions as may be required. Each portion of the profile will have two identical blades brazed at opposite teeth on the circumference of the cutter with a view to balance by weight. The number of teeth will be decided by multiplying the split portions by two. Electrical energy saving, economically cheap, light weight, dust pollution free, innovative cutter will undoubtedly hold the market reigns when introduced as it has eliminated the hardships to the wood workers from the conventional cutters which are dealt with in the enclosed specification

No. of Pages : 8 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3673/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :25/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHODS AND APPARATUS FOR STORAGE AND EXECUTION OF ACCESS CONTROL CLIENTS

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:61/407,866	1)Apple Inc
(32) Priority Date	:28/10/2010	Address of Applicant :1 Infinite Loop MS 40-pat
(33) Name of priority country	:U.S.A.	Cupertino CA 95014 USA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SCHELL Stephan V.
(87) International Publication No	: NA	2)VON HAUCK Jerrold
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods and apparatus for secure provision of access control entities (such as electronic or virtual Subscriber Identity Module (eSIM) components) post-deployment of the host device on which the access control entity will be used. In one embodiment, wireless (e.g., cellular) user equipment is given a unique device key and endorsement certificate which can be used to provide updates or new eSIMs to the user equipment in the field. The user equipment can trust eSIM material delivered by an unknown third-party eSIM vendor, based on a secure certificate transmission with the device key. In another aspect, an operating system (OS) is partitioned into various portions or sandboxes. During operation, the user device can activate and execute the operating system in the sandbox corresponding to the current wireless network. Personalization packages received while connected to the network only apply to that sandbox. Similarly, when loading an eSIM, the OS need only load the list of software necessary for the current run-time environment. Unused software can be subsequently activated.

No. of Pages : 33 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3608/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :20/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A NOVEL MIXER GRINDER CONTAINER AND LID FOR LEAK PROOF SEALING AND SECURE LOCKING

(51) International classification

:A47J

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)MR.T.T.VARADARAJAN**

Address of Applicant :2 (OLD NO:8), BOAT CLUB, 1ST AVENUE, CHENNAI - 600 028 Tamil Nadu India

(72)Name of Inventor :

**1)MR.T.T.VARADARAJAN**

(57) Abstract :

A novel container and lid for leak proof sealing and secure locking primarily for use in mixer grinder and also usable on any food processor, blender, table top grinder or other kitchen appliance containers. The present invention comprises of a lid with three inbuilt fastening clasps and a container or jar containing three flanges on its rim in order to enable locking operation when the lid occupies a closed operating position on the container or jar, said mechanism being able to actuate a lock by entering each flange on the container or jar inside a fastening clasps on the lid. The lock mechanism is thus disposed between the main body (container or jar) and the lid. The lock mechanism can be locked or opened so as to selectively seal the main body.

No. of Pages : 16 No. of Claims : 10



(12) PATENT APPLICATION PUBLICATION

(21) Application No.368/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : INK COMPOSITION AND IMAGE FORMING METHOD

(51) International classification	:C09D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-024480	<b>1)FUJIFILM CORPORATION</b>
(32) Priority Date	:07/02/2011	Address of Applicant :26-30, NISHIAZABU 2-CHOME,
(33) Name of priority country	:Japan	MINATO-KU, TOKYO Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SHIMOHARA, NORIHIDE</b>
(87) International Publication No	: NA	<b>2)HIRONAKA, KOJI</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides an ink composition including: (a) a polymer including a repeating unit (a 1 ) having a group represented by the following Formula (1) and a repeating unit (a2) having a hydrophilic group; (b) a radical polymerizable compound; (c) water; and (d) a colorant; wherein, in Formula (1), each of Ra and RB independently represents an alkyl group having from 1 to 4 carbon atoms; Ra and RB may be bound to each other to form a 4- to 6-membered alicyclic structure; and represents a bonding site.

No. of Pages : 68 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3680/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :27/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : KNOWLEDGE BASED SOCIAL GAMING SYSTEM WITH APPROPRIATE REWARDS

(51) International classification	:G06Q	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)STIGMA SOCIAL GAMING PRIVATE LTD</b>
(32) Priority Date	:NA	Address of Applicant :NO.6A, MUTHUKRISHNAN
(33) Name of priority country	:NA	STREET, MYLAPORE, CHENNAI - 600 004 Tamil Nadu
(86) International Application No	:NA	India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)AMEEN MOHAMMED</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Knowledge based gaming system provide art-saline gaming experience that is attractive to players and which provide economic benefit to both end user and system provider. The system comprising plurality of the end user connected to social media network application programming interface through internet cloud, the social medial network application programming interface being connected to integrated group servers which work in tandem to allow the end user to play the game in set logic using the chat system invited by the end user. Each end user choose a set of 'n' number of restricted questions chosen from a library, swapped the data sheet between players who have consented to play the game, a mechanism to check the validity of the answers and consequently reward, the integrated group of servers connected to payment gateway through internet allowing the end user to take part into the game on appropriate fee.

No. of Pages : 18 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3681/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :27/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : STEAM SYSTEM

(51) International classification	:F01K
(31) Priority Document No	:102010050090.9
(32) Priority Date	:29/10/2010
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)LINDE AKTIENGESELLSCHAFT**  
Address of Applicant :KLOSTERHOFSTR. 1, 80331  
MUNCHEN Germany  
(72)**Name of Inventor :**  
**1)JOSEF, KUNKEL**

(57) Abstract :

A steam system, for example as part of a plant for recovering olefins, has a low-pressure degasifier (16) for degasifying a feedwater, the operating pressure of the low-pressure degasifier lying at a first pressure level (P1) above atmospheric pressure ( $P1 > 1$  bar); a low-pressure steam line (22), the operating pressure of which lies at a second pressure level (P2), the second pressure level lying above the first pressure level ( $P2 > P1$ ); and a high-pressure steam line (38), the operating pressure of which lies at a third pressure level (P3), the third pressure level lying above the second pressure level ( $P3 > P2$ ). To improve the energy efficiency of the steam system or of the overall plant, between the high-pressure steam line (38) and the low-pressure degasifier (16) there is provided at least one steam turbine (40), which allows the steam from the high-pressure steam line (38) to expand and be reduced in pressure from the third pressure level (P3) to the first pressure level (P1). .

No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3619/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :21/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : NEW EXTERNAL MODULAR GRID FOR RADIAL BED REACTORS

(51) International classification	:B01J	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:10/04.243	<b>1)IFP ENERGIES NOUVELLES</b>
(32) Priority Date	:28/10/2010	Address of Applicant :1 & 4 AVENUE DE BOIS-PREAU,
(33) Name of priority country	:France	92852 RUEIL-MALMAISON CEDEX France
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SANCHEZ, ERIC</b>
(87) International Publication No	: NA	<b>2)BAZER-BACHI, FREDERIC</b>
(61) Patent of Addition to Application Number	:NA	<b>3)DELEAU, FABRICE</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention describes an external grid for radial bed reactors using cross-flow of gas, for catalytic reforming or skeletal isomerisation, with said grid being divided into parallelepipedic modules, which are substantially equal. This grid is easier to assemble and repair, and has a greater mechanical resistance than a grid according to the prior art.

No. of Pages : 17 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3620/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :21/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : REMOTELY CONTROLLABLE POWER CONTROLLER

(51) International classification	:H01H	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)SURESH KUMAR KUMILI</b>
(32) Priority Date	:NA	Address of Applicant :2ND FLOOR, PLOT NO. 51, BN
(33) Name of priority country	:NA	REDDY COLONY, ROAD NO. 14, BANJARA HILLS,
(86) International Application No	:NA	HYDERABAD 500 034 Andhra Pradesh India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)SURESH KUMAR KUMILI</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A controller comprises a power input, a power output, and a switchable relay interruptedly connecting the power input to the power output. The relay may be controlled by a controller connected to a modem and a memory. The modem may comprise an Identity card, so that when a message is received by the modem, the controller switches the relay on and / or off, depending on the message received, thereby interruptedly connecting power to flow from the power input to the power output.

No. of Pages : 23 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3686/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :27/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND SYSTEM FOR FUEL SAVING DURING MOTION OF VEHICLE

(51) International classification	:G06F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)KARTHIK BULUSU</b>
(32) Priority Date	:NA	Address of Applicant :STAR HOMES 9, VENSAL,
(33) Name of priority country	:NA	KOMPALLY, SECUNDRABAD A.P - 500 014 Andhra
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)KARTHIK BULUSU</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a method and system for saving fuel during motion of a vehicle. The system includes a vehicle controller unit which is installed in the vehicle adapted to provide at least a lower and an upper speed limit by the user to run the vehicle. The vehicle switches to an idle mode where the engine automatically disengages with wheels and continues to run in the idle mode without throttling, till the lower limit speed is reached. The time taken during idle mode is more thus the fuel is saved during motion of vehicle.

No. of Pages : 26 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3687/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :27/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : CRYSTALLINE PITAVASTATIN CALCIUM

(51) International classification	:C01B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)Dr. Reddy<sup>TM</sup>s Laboratories Limited</b>
(32) Priority Date	:NA	Address of Applicant :Dr.Reddys laboratories Ltd 8-2-337
(33) Name of priority country	:NA	Road No. 3 Banjara hills Hyderabad Andhra Pradesh India.
(86) International Application No	:NA	Arunachal Pradesh India
Filing Date	:NA	<b>2)Dr.Reddy<sup>TM</sup>s Laboratories Inc.</b>
(87) International Publication No	: NA	(72) <b>Name of Inventor :</b>
(61) Patent of Addition to Application Number	:NA	<b>1)Peddy Vishweshwar</b>
Filing Date	:NA	<b>2)Kambhampati Anil kumar</b>
(62) Divisional to Application Number	:NA	<b>3)Ramanaiah chennuru</b>
Filing Date	:NA	

(57) Abstract :

The present application relate to novel crystalline form of pitavastatin calcium and processes for its preparation and isolation.

No. of Pages : 17 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3688/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :27/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHODS AND APPARATUS FOR ACCESS CONTROL CLIENT ASSISTED ROAMING

(51) International classification	:H04W	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:61/407,858	<b>1)Apple Inc.</b>
(32) Priority Date	:28/10/2010	Address of Applicant :1 Infinite Loop MS 40-pat
(33) Name of priority country	:U.S.A.	Cupertino CA 95014 USA.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SCHELL Stephan V.</b>
(87) International Publication No	: NA	<b>2)HAGGERTY David T.</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods and apparatus that allow a device to migrate wireless service across multiple wireless networks. In one exemplary embodiment the present invention enables storing and switching between multiple Electronic Subscriber Identity Modules (eSIM) where each eSIM is specific to a different carrier network. By loading the appropriate eSIM the user device can authenticate itself with the selected carrier rather than roaming. During roaming operation the user equipment can load one or more of the previously stored eSIMs. Selection of the eSIM can be done annually by the user or can be driven by the user equipment based on desired context; for example based on carrier signal strength cost-effectiveness etc. Support for multiple radio technologies also allows universal connectivity for wireless devices even spanning previously incompatible technologies such as GSM (Global Standard for Mobile Communications) CDMA (Code Division Multiple Access) etc.

No. of Pages : 29 No. of Claims : 20



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3692/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :07/12/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF PALONOSETRON

(51) International classification	:CO7D	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)AUROBINDO PHARMA LTD</b>
(32) Priority Date	:NA	Address of Applicant :PLAT NO.2, MAITRIVIHAR,
(33) Name of priority country	:NA	AMEERPET, HYDERABAD - 500 038 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)JAYATI MITRA</b>
(87) International Publication No	: NA	<b>2)CHENNURI RAJESH</b>
(61) Patent of Addition to Application Number	:NA	<b>3)DHANRAJ T.S.S. SUNDARAM</b>
Filing Date	:NA	<b>4)AMINUL ISLAM</b>
(62) Divisional to Application Number	:NA	<b>5)MEENAKSHISUNDERAM SIVAKUMARAN</b>
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved process for the preparation of Palonosetron of Formula I,

No. of Pages : 14 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.347/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : LITHOGRAPHIC PRINTING PLATE SUPPORT AND PRESENSITIZED PLATE

(51) International classification	:G01N	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-017945	<b>1)FUJIFILM CORPORATION</b>
(32) Priority Date	:31/01/2011	Address of Applicant :26-30, NISHIAZABU 2-CHOME,
(33) Name of priority country	:Japan	MINATO-KU, TOKYO Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)KUROKAWA, SHINYA</b>
(87) International Publication No	: NA	<b>2)MIYAGAWA, YUYA</b>
(61) Patent of Addition to Application Number	:NA	<b>3)TAGAWA, YOSHIHARU</b>
Filing Date	:NA	<b>4)NISHINO, ATSUO</b>
(62) Divisional to Application Number	:NA	<b>5)SAWADA, HIROKAZU</b>
Filing Date	:NA	

(57) Abstract :

A lithographic printing plate support includes an aluminum plate and an anodized film formed at a surface of the aluminum plate and having micropores which extend in a depth direction of the anodized aluminum film from a surface of the anodized film opposite from the aluminum plate. Each of the micropores includes a large-diameter portion and a dendritic small-diameter portion. The lithographic printing plate support has excellent scratch resistance and is capable of obtaining a presensitized plate which exhibits excellent on-press developability and enables a lithographic printing plate formed therefrom to have a long press life and excellent deinking ability after suspended printing.

No. of Pages : 130 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.370/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : APPARATUS FOR BETTER INERTIZATION OF LASER SINTERING SYSTEMS

(51) International classification :B23K  
(31) Priority Document No :102011003610.5  
(32) Priority Date :03/02/2011  
(33) Name of priority country :Germany  
(86) International Application No :NA  
Filing Date :NA  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number:NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)Evonik Degussa GmbH**  
Address of Applicant :Rellinghauser Strasse 1-11 45128  
Essen Germany  
(72)**Name of Inventor :**  
**1)GREBE Maik**  
**2)DIEKMANN Wolfgang**  
**3)ALTKEMPER Stefan**

(57) Abstract :

The present invention relates to processes for the layer-by-layer production of three-dimensional objects in particular through selective melting and solidification of pulverulent substrates.

No. of Pages : 15 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3700/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :28/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SPINNING METHOD BY USING AIR SPINNING DEVICE AND AIR SPINNING DEVICE

(51) International classification	:D01H	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-252279	<b>1)MURATA MACHINERY, LTD.</b>
(32) Priority Date	:10/11/2010	Address of Applicant :3 MINAMI OCHIAI-CHO,
(33) Name of priority country	:Japan	KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO 601-8326
(86) International Application No	:NA	Japan
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)AKIHIRO MORITA</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A spinning method for producing a spun yarn from a fiber bundle by using an air spinning device is proposed. The air spinning device includes a spinning chamber in which fibers are swung, a fiber guide in which a fiber introducing passage communicating with the spinning chamber is defined, and a spindle in which a fiber passageway for passage of the fibers swung in the spinning chamber is defined. When an average fiber length of the fiber bundle is longer than or equal to 32 mm, a distance between the spindle and the fiber guide is adjusted to be longer than or equal to 2.6 mm and shorter than or equal to 4.1 mm.

No. of Pages : 46 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3701/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :28/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AIR SPINNING DEVICE, SPINNING UNIT, AND SPINNING METHOD USING THE AIR SPINNING DEVICE

(51) International classification	:D01H	(71)Name of Applicant :
(31) Priority Document No	:2010-252278	<b>1)MURATA MACHINERY, LTD.</b>
(32) Priority Date	:10/11/2010	Address of Applicant :3 MINAMI OCHIAI-CHO,
(33) Name of priority country	:Japan	KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO 601-8326
(86) International Application No	:NA	Japan
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)AKIHIRO MORITA</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An air spinning device includes a nozzle block that includes a through hole that partially defines a spinning chamber, and an air hole that is communicable with the spinning chamber; a fiber guide in which a fiber introducing passage that is communicable with the spinning chamber is defined; and a spindle in which a fiber passageway that is communicable with the spinning chamber is defined. The air spinning device spins a spun yarn from a fiber bundle by supplying air from the air hole into the spinning chamber. The air hole is located such that a point of intersection between a central axis of the air hole and a wall surface of the through hole is in a range of greater than or equal to 3 mm to less than or equal to 10 mm from a contact surface between the nozzle block and the fiber guide.

No. of Pages : 50 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3702/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :28/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : LUBRICANT COLLECTING CONTAINER AND BEARING ARRANGEMENT WITH SUCH A LUBRICANT COLLECTING CONTAINER

(51) International classification	:B01L	(71)Name of Applicant :
(31) Priority Document No	:20 2010	<b>1)LINCOLN GMBH</b>
(32) Priority Date	014 823.5	Address of Applicant :HEINRICH-HERTZ-STRASSE 2-8,
(33) Name of priority country	:01/11/2010	69190 WALLDORF Germany
(86) International Application No	:Germany	(72)Name of Inventor :
Filing Date	:NA	<b>1)ZDRAVKO PALUNCIC</b>
(87) International Publication No	:NA	<b>2)ANDREAS SCHOENFELD</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Lubricant Collecting Container and Bearing Arrangement with such a Lubricant Collecting Container The invention pertains to a lubricant collecting container with a cartridge (2) that features an inlet opening (5) for introducing lubricant and a ventilation opening (6, 14). A sealing element (7, 15) is movably arranged in the cartridge (2) and blocks a fluidic connection between the inlet opening (5) and the ventilation opening (6, 14) in a sealed fashion.

No. of Pages : 11 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3611/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :20/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PACKET SWITCHED SERVICES IN AGERAN ENVIRONMENT

(51) International classification	:H04W	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)SAMSUNG INDIA SOFTWARE OPERATIONS</b>
(32) Priority Date	:NA	<b>PRIVATE LIMITED</b>
(33) Name of priority country	:NA	Address of Applicant :Bagmane Lakeview Block B No.
(86) International Application No	:NA	66/1 Bagmane Tech Park C V Raman Nagar Byrasandra
Filing Date	:NA	Bangalore 560093 Karnataka India Himachal Pradesh India
(87) International Publication No	: NA	(72) <b>Name of Inventor :</b>
(61) Patent of Addition to Application Number	:NA	<b>1)JAMADAGNI SATISH NANJUNDA SWAMY</b>
Filing Date	:NA	<b>2)GANAPATHI SARVESHA ANEGUNDI</b>
(62) Divisional to Application Number	:NA	<b>3)HIRISAVE PRADEEP KRISHNAMURTHY</b>
Filing Date	:NA	<b>4)BAEV STOYAN</b>

(57) Abstract :

The present invention provides a method and system for indicating packet switched (PS) services capability information in a GPRS EDGE Radio Access Network (GERAN) environment. When a GERAN provides PS only services on a GERAN terminal, the GERAN terminal indicates its capability to support PS only services to a GERAN entity. Accordingly, the GERAN entity can deliver PS services data to the GERAN terminal operating a PS only mode over resources suitable for PS data communication.

No. of Pages : 33 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3615/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :21/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : VERTICAL AXIS WIND MILL WITH POPPING DOOR PANS

(51) International classification	:F03D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)M. MOHAMED ALI</b>
(32) Priority Date	:NA	Address of Applicant :PLOT NO.5, DOOR NO.227/1,
(33) Name of priority country	:NA	KURINJI NAGAR, UDUMALAI ROAD,DHARAPURAM -
(86) International Application No	:NA	638 657, TIRUPUR DT Tamil Nadu India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)M. MOHAMED ALI</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A vertical axis wind mill with popping door pans is an improved type of vertical axis wind mill. This device comprising of vertical axis [1] with popping door pans [2] laterally attached to the vertical axis [1] at equal distances. The pans [2] have popping doors open able one side only. The doors of opposite pans [2] opens in the opposite directions. While the wind strikes the pans [2], one pan with closed door [3] register the thrusting force of the wind, the opposite pan with the door opening opposite direction do not resist the wind, in result the pans with the vertical axis get rotated. By using this device maximum quantum of thrusting force of the striking wind can be registered than the conventional types of vertical axis wind mills.

No. of Pages : 20 No. of Claims : 10



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3709/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :28/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : COLD CATHODE FLUORESCENT LAMP FOR ILLUMINATION

(51) International classification	:H01J	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:10-2011-0069236	<b>1)SANG IL SYSTEM CO. LTD.</b>
(32) Priority Date	:13/07/2011	Address of Applicant :223-561 Suknam-Dong Seo-Gu
(33) Name of priority country	:Republic of Korea	Incheon Republic of Korea
(86) International Application No	:NA	<b>2)Seung-pyo LEE</b>
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)Seung-pyo LEE</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is a cold cathode fluorescent lamp (CCFL) that can be used as an illumination light source. The CCFL includes cold cathode electrodes disposed at both ends of a glass tube a fluorescent layer being formed on an inner surface of the glass tube. Each of the cold cathode electrodes includes: a base metal connected to front ends of lead wires for connection with a power source; a helical wire coil formed by helically winding a tungsten or tungsten-alloy wire around a cup shape the helical wire coil being connected to the base metal in a manner such that the helical wire coil is erected in a length direction of the glass tube; and an emitter-coated coil inserted in the helical wire coil and coated with an emitter for inducing emission of electrons.

No. of Pages : 19 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.371/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : REMOVABLE FINAL SCRUBBER TUBE

(51) International classification	:B01D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:61/439,605	<b>1)LECO CORPORATION</b>
(32) Priority Date	:04/02/2011	Address of Applicant :3000 Lakeview Avenue St. Joseph
(33) Name of priority country	:U.S.A.	Michigan 49085-2396 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)LATINO Octavio R.</b>
(87) International Publication No	: NA	<b>2)ALLEN Lloyd A.</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A final scrubber in the inert carrier gas flow path of an elemental analyzer includes a manifold with valves for selectively bypassing a quick disconnect final scrubber housing that includes a filter tube and sealed gas fittings. The housing includes alignment members and a latch for positioning and locking the housing onto and in sealed engagement with the instrument<sup>TM</sup>s manifold. A switch detects the presence of the housing and a control circuit controls valves to direct the inert gas flow through the filter tube or bypass the filter tube when the housing is removed. With this system the final scrubber can be removed and replaced quickly without the use of tools while the carrier gas continues to flow through the furnace without interruption. Also the valves can be closed to allow for segmented leak detection of the instruments gas flow path.

No. of Pages : 30 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3710/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :31/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : INTERIOR SUNLIGHT APPLIANCE

(51) International classification	:G02B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)HARI PRABHAKARAN,</b>
(32) Priority Date	:NA	Address of Applicant :RADHAMADHAVAM, KP7/731,
(33) Name of priority country	:NA	MATHILMUKKU, KUDAPANAKUNNU,
(86) International Application No	:NA	THIRUVANANTHAPURAM - 695 043 Kerala India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)HARI PRABHAKARAN,</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention is in the field of renewable energy sector. Interior sunlight appliance is novally designed one, which can be used to bring sunlight to the interior of buildings under controllable condition. This novel appliance is made by using convex lenses, concave lenses, stainless steel tube, reflectors to enhance the sunlight and transform into interior with controlling mechanism. 1. This novel appliance is a new lighting concept using solar energy which is abundant renewable and in exhaustive 2. This new appliance cost less recurring expenditure when compared to the existing lighting system. 3. This new appliance reduces electricity charges for lighting to zero 4. This new appliance as a whole systems can be left to external lighting during night time as night lamp, using ambient light present during night, and would be stunning awesome during full moon nights. 5. This new appliance bring natural light to inside the building under controllable conditions. 6. In this new appliance, frequent replacement of fused bulbs or tubes can be avoided 7. In this new appliances, wiring to distribute electricity to the lighting point can be avoided. 8. In this new appliance, a marvelous experience of lighting of interior can be enjoyed.

No. of Pages : 9 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3563/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :17/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD FOR PRODUCING POLYCRYSTALLINE SILICON RODS

<p>(51) International classification :C23C (31) Priority Document No :10 2010 042 869.8 (32) Priority Date :25/10/2010 (33) Name of priority country :Germany (86) International Application No :NA Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)<b>Name of Applicant :</b> <b>1)WACKER CHEMIE AG</b> Address of Applicant :HANNS-SEIDEL-PLATZ 4, D- 81737 MUNCHEN Germany (72)<b>Name of Inventor :</b> <b>1)LASZLO FABRY</b> <b>2)THOMAS ALTMANN</b> <b>3)HEINZ KRAUS</b></p>
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(57) Abstract :

The invention relates to a method for producing polycrystalline silicon rods by deposition of silicon on at least one thin rod in a reactor, wherein, before the silicon deposition, hydrogen halide at a temperature of 400 - 1000°C is introduced into the reactor containing at least one thin rod and is irradiated by means of UV light, as a result of which halogen and hydrogen radicals arise and the volatile halides that form are removed from the reactor.

No. of Pages : 14 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3564/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :17/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : ROTOR SUPPORT SYSTEM

(51) International classification	:H02K	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:12/926,101	<b>1)MUNTERS CORPORATION</b>
(32) Priority Date	:26/10/2010	Address of Applicant :79 MONROE STREET,
(33) Name of priority country	:U.S.A.	AMESBURY, MASSACHUSETTS 01913 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)KALINOWSKI, BENJAMIN JOHN</b>
(87) International Publication No	: NA	<b>2)GOSSELIN, GREGOIRE NOEL</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method for easing the installation and removal of a desiccant rotor from an air handling system. The system and method enabling the installation of a shaft through the center of a rotor, the shaft having a first end portion protruding from the first axial face and a second end portion protruding from the second axial face, supporting the shaft and the rotor with a first support rail and a second support rail, the first and second support rails being positioned on opposite axial sides of the rotor and extending radially outward from a radial center of the rotor in an installed position, placing at least one keeper mechanism on each of the first and second support rails to secure the rotor in the installed position, and removing the at least one keeper mechanism to allow translational movement of the rotor along the first and second support rails.

No. of Pages : 19 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3565/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :17/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : DEVICE FOR FIXING AT LEAST ONE ACTUATOR ONTO THE MECHANISM OF AN ELECTRIC SWITCHGEAR APPARATUS AND CIRCUIT BREAKER COMPRISING ONE SUCH DEVICE

(51) International classification	:H02B	(71)Name of Applicant :
(31) Priority Document No	:10 04098	<b>1)SCHNEIDER ELECTRIC INDUSTRIES SAS</b>
(32) Priority Date	:19/10/2010	Address of Applicant :35, RUE JOSEPH MONIER, F-
(33) Name of priority country	:France	92500 RUEIL MALMAISON France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)CAMBON, FABIEN</b>
(87) International Publication No	: NA	<b>2)GARAVELLI, JORDAN</b>
(61) Patent of Addition to Application Number	:NA	<b>3)PERRIN, DENIS</b>
Filing Date	:NA	<b>4)RIVALS, ARNAUD</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a device for fixing at least one actuator (1,21,22) onto the mechanism M of an electric switchgear apparatus. This device is characterized in that it comprises a support plate (2) designed to support at least one actuator (1) and to be fixed onto the frame (3) of the mechanism M, said device comprising means for positioning said at least one actuator(s) (1,21,22) on the support plate (2), a pull-bar (12) mounted mobile with respect to the support plate (2), said pull-bar (12) comprising blocking means designed to prevent movement of the actuator (1,21,22) after the latter has been fitted in place on the support plate (2), and gripping means (15) designed to enable movement of the pull-bar (12) between two positions respectively corresponding to a position called unlatched position in which the actuator (1,21,22) can still move and a position called latched position in which the pull-bar (12) prevents movement of said actuator (1,21,22) so as to perform securing of the latter onto the support plate (2).

No. of Pages : 19 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3566/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :17/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PROCESS FOR PRODUCING RESIN MOLDED ARTICLE

(51) International classification	:B29C	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-237122	<b>1)SUMITOMO CHEMICAL COMPANY, LIMITED</b>
(32) Priority Date	:22/10/2010	Address of Applicant :27-1, SHINKAWA 2-CHOME,
(33) Name of priority country	:Japan	CHUO-KU, TOKYO 104-8260 Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)WATANABE, KENJI</b>
(87) International Publication No	: NA	<b>2)DOBASHI, TETSURO</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for producing a resin molded article, comprising steps of (1) plasticizing a resin composition containing an organic fiber and a thermoplastic resin with an injection-molding machine, (2) injecting the plasticized resin composition into a mold cavity of the injection-molding machine, and (3) pressure-holding against the resin composition in the mold cavity for a pressure-holding time of 0.5 to 60 seconds under holding-pressure of 70 to 300 MPa.

No. of Pages : 28 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3567/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :17/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A HYDRAULIC CIRCUIT FOR ACTUATING AN UNDERCARRIAGE, AND METHODS OF DEPLOYING AND RAISING AN UNDERCARRIAGE USING SUCH A CIRCUIT

(51) International classification	:E05F	(71)Name of Applicant :
(31) Priority Document No	:10 58581	<b>1)MESSIER-BUGATTI-DOWTY</b>
(32) Priority Date	:20/10/2010	Address of Applicant :INOVEL PARC SUD, 78140
(33) Name of priority country	:France	VELIZY VILLACOUBLAY France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)ERNIS, SEBASTIEN</b>
(87) International Publication No	: NA	<b>2)JUBERT, XAVIER</b>
(61) Patent of Addition to Application Number	:NA	<b>3)LEUTARD, DAVID</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention proposes a hydraulic circuit for actuating an undercarriage, the circuit comprising: a feed line (110) for feeding fluid and a return line (111); at least one door selector (114) connected to the feed and return lines (110, 111), the selector feeding door service lines, including an opening line (121) and a closing line (122) for opening and closing the doors (3a, 3b) ; at least one undercarriage selector (115) connected to the feed and return lines (110, 111), feeding undercarriage service lines including a deployment line (125) and a raising line (126) for deploying and raising the undercarriage (1) ; and a door unhooking line (123) and an undercarriage unhooking line (12 7) . According to the invention, the door unhooking line (123) is connected to at least one undercarriage service line (125, 126) while the undercarriage unhooking line is connected to at least one door service line (121, 122), the circuit also including means (114) for connecting the door service lines together during a door opening stage, and means (115) for connecting the undercarriage service lines together during an undercarriage deployment stage.

No. of Pages : 18 No. of Claims : 6



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3300/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :23/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A TIMING DEVICE FOR A STARTER

(51) International classification	:F02D 41/00	(71) <b>Name of Applicant :</b> <b>1)BOSCH LIMITED</b> Address of Applicant :POST BOX NO.3000, HOSUR ROAD, ADUGODI, BANGALORE - 560 030 Karnataka India
(31) Priority Document No	:NA	<b>2)ROBERT BOSCH GMBH</b>
(32) Priority Date	:NA	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:NA	<b>1)JOHN ALEX DCRUZ</b>
(86) International Application No	:NA	<b>2)UMESHA CHANNAIAH</b>
Filing Date	:NA	<b>3)SATISH K.G.</b>
(87) International Publication No	: NA	<b>4)NARAYAN C.H.</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A timing device for a starter and a method to determine starter operation is disclosed. The timing device comprises capacitive circuit and a controller. The capacitive circuit is adapted to store voltage during cranking of an engine. The capacitive circuit is adapted to discharge the stored voltage if engine does not crank. The controller is adapted to check residual voltage in the capacitive circuit and based on value of residual voltage, determine time period for which starter is not in operation.

No. of Pages : 12 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3301/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :23/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : ACTIVE INRUSH CURRENT LIMITING CIRCUIT

(51) International classification	:H02H 9/00	(71) <b>Name of Applicant :</b> <b>1)ROBERT BOSCH ENGINEERING AND BUSINESS SOLUTIONS LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT, HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
(32) Priority Date	:NA	Karnataka India
(33) Name of priority country	:NA	<b>2)ROBERT BOSCH GMBH</b>
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)HARI HARA KUMARAN</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An Inrush current limiting circuit (5), comprising a switching element (50) and a gate controller (60) wherein the switching element (50) having a gate input (503), a switch input(501) and a switch output (502), wherein a Filter capacitor (4) is connected to the switch output (502) through the switch input (501),the gate controller (60) is connected in a parallel path (701) to the switching element (50), wherein an output of the gate controller (601) is connected to the gate input (503) of the switching element (50) and switch input (501) of the switching element (50) is connected to the gate controller (60), an input of the gate controller (60) acting as an input (6) to the inrush current limiting circuit (5), a feedback element (70) in the parallel path (701) is connected between the switch input (501) and the gate controller (60), the inrush current limiting circuit (5) charges the Filter capacitor (4) progressively.

No. of Pages : 15 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3302/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :23/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A STARTER FOR A VEHICLE

(51) International classification	:F02N 11/00	(71) <b>Name of Applicant :</b> <b>1)BOSCH LIMITED</b> Address of Applicant :POST BOX NO.3000, HOSUR ROAD ADUGODI, BANGALORE - 560 030 Karnataka India
(31) Priority Document No	:NA	<b>2)ROBERT BOSCH GMBH</b>
(32) Priority Date	:NA	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:NA	<b>1)JOHN ALEX DCRUZ</b>
(86) International Application No	:NA	<b>2)KIRAN ANKALKOTI S</b>
Filing Date	:NA	<b>3)SATISH K.G.</b>
(87) International Publication No	: NA	<b>4)NARAYAN C.H</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A starter for a vehicle and a method to providing thermal protection to the starter is disclosed. The starter comprises at least one brush holder assembly. The brush holder assembly comprises at least two brushes and a wire adapted to connect the at least two brushes to a power source. The starter is characterized by a temperature sensing element located in proximity of the wire. The temperature sensing element is adapted to sense temperature of the wire. A controller receives temperature information from the temperature sensing element and halts operation of the starter if sensed temperature is above a threshold temperature value and resumes operation of the starter if the sensed temperature of the wire is below the threshold valve. Resuming of starter operation is done only when the starter is detected as halted by the controller.

No. of Pages : 12 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3722/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :31/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A DEVICE AND METHOD FOR DETERMINING ANGULAR DISPLACEMENT OF A BRUSHED DC MOTOR IN A WINDOW CONTROL SYSTEM OF A VEHICLE

(51) International classification	:G01B	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)ROBERT BOSCH ENGINEERING AND BUSHINESS</b>
(32) Priority Date	:NA	<b>SOLUTIONS LIMITED</b>
(33) Name of priority country	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(86) International Application No	:NA	HOSUR ROAD, KORMANAGALA, BANGALORE - 560 095
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	<b>2)ROBERT BOSCH GMBH</b>
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)KUMAR SAURABH</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A device (50) and method to determine angular displacement of an electrical motor (40) is disclosed for a sensor less drive mechanism (100) to operate a vehicle window. The method determines the angular displacement of the motor (40) particularly for small movements. The device (50) operates the motor (40) in a first direction (D1) and in a second direction (D2). The method measures the current of the motor and the speed of movement of the window relative to the current in the first direction (D1) and calculates movement of the motor in the second direction (D2) based on the current of the motor in the second direction and movement to current relation determined during the movement of the motor in the first direction (D1).

No. of Pages : 11 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3557/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :17/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS COMPRISING SUMATRIPTAN AND NAPROXEN

(51) International classification	:A61K	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)AUROBINDO PHARMA LTD</b>
(32) Priority Date	:NA	Address of Applicant :PLOT NO.2, MAITRIVIHAR,
(33) Name of priority country	:NA	AMEERPET, HYDERABAD - 500 038 Andhra Pradesh India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)KANDI CHANDRASHEKHAR</b>
(87) International Publication No	: NA	<b>2)VENUGOPALA CHOKKASANDERA</b>
(61) Patent of Addition to Application Number	:NA	<b>JAYARAMAREDDY</b>
Filing Date	:NA	<b>3)ARUNKANTH KRISHNAKUMAR RAJALESHMY</b>
(62) Divisional to Application Number	:NA	<b>4)SRINIVAS BALLA</b>
Filing Date	:NA	<b>5)MEENAKSHISUNDERAM SIVAKUMARAN</b>

(57) Abstract :

The present invention relates to pharmaceutical compositions comprising combination of sumatriptan and naproxen. More particularly, the present invention relates to pharmaceutical composition comprising sumatriptan, naproxen, a co-processed mixture of starch and lactose and one or more pharmaceutically acceptable excipients. The present invention also relates to a process for preparation of pharmaceutical compositions comprising sumatriptan and naproxen.

No. of Pages : 15 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3729/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :31/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND SYSTEM FOR EMPLOYING DISCONTINUOUS RECEPTION CONFIGURATIONS IN A WIRELESS NETWORK ENVIRONMENT

(51) International classification	:H04W	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)SAMSUNG INDIA SOFTWARE OPERATIONS</b>
(32) Priority Date	:NA	<b>PRIVATE LIMITED</b>
(33) Name of priority country	:NA	Address of Applicant :Bagmane Lakeview Block B No.
(86) International Application No	:NA	66/1 Bagmane Tech Park C V Raman Nagar Byrasandra
Filing Date	:NA	Bangalore 560093 Karnataka India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	<b>1)JAMADAGNI SATISH NANJUNDA SWAMY</b>
Filing Date	:NA	<b>2)GANAPATHI SARVESHA ANEGUNDI</b>
(62) Divisional to Application Number	:NA	<b>3)HIRISAVE PRADEEP KRISHNAMURTHY</b>
Filing Date	:NA	

(57) Abstract :

The present invention provides a method of selecting and applying Discontinuous Reception (DRX) configurations in a wireless network environment. In one embodiment, a method includes obtaining location and time information associated with user equipment, and selecting at least one DRX configuration suitable for one or more applications running on the user equipment from a plurality of DRX configurations based on location and time information. The method also includes transmitting information associated with the selected DRX configuration to a network entity so that the network entity applies the selected DRX configuration for the user equipment.

No. of Pages : 31 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3730/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :31/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND APPARATUS FOR CONTROLLING AN OUTPUT DEVICE OF A PORTABLE ELECTRONIC DEVICE

(51) International classification	:H04M
(31) Priority Document No	:10190447.2
(32) Priority Date	:09/11/2010
(33) Name of priority country	:EPO
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)Research In Motion Limited**  
Address of Applicant :295 Phillip Street Waterloo Ontario  
N2L 3W8 Canada.

(72)**Name of Inventor :**  
**1)PLESTID Thomas Leonard Trevor**

(57) Abstract :

According to embodiments described in the specification a method and apparatus are provided for controlling an output device of a portable electronic device comprising a processor a first motion sensor a second motion sensor and an output device. The method comprises: receiving at the processor from the first motion sensor first motion data representing movement of an external object relative to the portable electronic device; receiving at the processor from the second motion sensor second motion data representing movement of the portable electronic device; generating at the processor third motion data based on the first and second motion data the third motion data representing movement of the external object; and controlling the output device based on the third motion data.

No. of Pages : 27 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3731/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :31/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : System and method for personal identification using mobile device

(51) International classification	:G06F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)Alcatel Lucent</b>
(32) Priority Date	:NA	Address of Applicant :3 avenue Octave GrÃard Paris
(33) Name of priority country	:NA	France.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)Ganesh Semalty</b>
(87) International Publication No	: NA	<b>2)Sachin Jain</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

System and method for personal identification using mobile device is disclosed. The present invention relates to personal identification systems and more particularly to employing mobile devices in personal identification systems. The system is provided with a centralized database that is responsible for storing personal ID documents and information related to the user. At a later point in time when the user would like to access his personal ID he makes a request for the service with his service provider. The service provider then fetches a One Time Password (OTP) for the user and sends it to his mobile device. The user provides this OTP to a remote terminal. The remote terminal authenticates itself at database provider employing the OTP. On authentication the database provider provides user requested personal ID documents. The personal ID document is then displayed at the display unit of the remote terminal or the mobile device.

No. of Pages : 40 No. of Claims : 26



(12) PATENT APPLICATION PUBLICATION

(21) Application No.374/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : COMMUNICATING INFORMATION ABOUT A LOCAL MACHINE TO A BROWSER APPLICATION

(51) International classification :G06F  
(31) Priority Document No :12/506,225  
(32) Priority Date :20/07/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2010/038858  
Filing Date :16/06/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
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Address of Applicant :Address: 1601 Willow Road Menlo Park CA 94025 U.S.A.  
(72)**Name of Inventor :**  
**1)MATTHEW CAHILL**  
**2)CHRISTOPHER W. PUTNAM**  
**3)DANIEL WEATHERFORD**

(57) Abstract :

The functionality of a browser application is enhanced using a browser plug-in which enables the browser application to access portions of a file system not otherwise accessible to the browser application. The enhanced functionality provided by the browser plug-in is used in one example by an image uploading web application. The browser application may also start a task in the background such as a task for uploading several images and then monitor the progress of the task even when the browser application navigates away from the page that initiated the task. The browser application may use a local web server running on the client device to perform tasks including the rendering of images and monitoring progress of long running tasks.

No. of Pages : 32 No. of Claims : 27

(54) Title of the invention : CONVERSION OF POLLUTED LAKE WATER INTO POTABLE WATER

(51) International classification	:C02F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. C.VENKATESHWAR
(32) Priority Date	:NA	Address of Applicant :FLAT NO.117, C BLOCK,
(33) Name of priority country	:NA	JANAPRIA CASTLE, RAMNAGAR GUNDU, RAMNAGAR,
(86) International Application No	:NA	HYDERABAD Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DR. C.VENKATESHWAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for the treatment of polluted water originating from water bodies including the stagnated water bodies like pond, lake or reservoir characterized in that the said polluted water is converted into portable and hygienic water for an healthy consumption and the said process comprising adding of 1ml of 50 percent diluted aluminium sulphate solution to bring the polluted water body pH to 4-5, preferably 4.5 to 5 and leaving the acidified condition of the polluted water body for 48 hours for the chemical reaction. In the reaction the gases like ammonia, nitrogen, ammonical nitrogen carbon dioxide and chloride are released out from the polluted water body further the acidified condition of the nascent hydroxide of aluminium amphoteric nature and sulphate molecule reacts with the suspended solids of organic and inorganic and even dissolved solids to some extent and precipitate them, besides this the flora and fauna, phytoplankton, Zooplankton, bacteria, diatoms, viruses, fungi, algae and heavy metals occurs and settles down at the bottom of the water body and get oxidized by anaerobic bacteria but non of the above pollutants precipitated will not get redissolved in to the treated water body. The acidified water body is neutralized with the basic calcium hydroxide or barium hydroxide, by which the remaining pollutants get precipitated and settle down at the bottom of the water body where again the anaerobic oxidation oxidizes the sludge formed, however, the dispersion of acidic reaction, chemical aluminium sulphate and basification chemical calcium hydroxide and barium hydroxide is done by specially designed pipe line structure (C.V. Venkateshwar Ladder Technology) by which 1ml of liquid for 1 ltr. of polluted water is released and automatically mixed with it while the boat movement to which the structure is fixed. In reverse process that is if we treat the polluted body by basification with calcium hydroxide then pH must reach 11 pH and the neutralization must be with a mixture chemical of aluminium sulphate 25% and ferrous sulphate 75%, thereby in both the treatment processes the portable water standard of water body is obtained for the usage of hygienic water for various purposes.

No. of Pages : 23 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3748/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :01/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : MOVING LEVER HAND WEEDER

(51) International classification	:A01B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)S. DURAISAMY, BSC.</b>
(32) Priority Date	:NA	Address of Applicant :1/28, KUMARAMANGALAM,
(33) Name of priority country	:NA	KULITHALAI TALUK, KARUR - 639 107 Tamil Nadu India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)S. DURAISAMY, BSC.</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Weeding is one of the most important farm operations in crop production system. Weed growth is a major problem for dry land and garden land crops causing a considerable reduction in yield. In order overcome the above problem, a small rigid, movable platform formed by four wheels, is attached with a spade of size 100mm x 180mm is the invention related to the development of manual weeder namely Moving Lever Hand Weeder which reduces the drudgery in both garden land and dry land. The two sets of wheel axels play as pivoting point for a long leaver. At the time of operation the instrument works as a free moving leaver with a pivoting point, so easy weeding is enabled. The special need is that the crop must be planted in straight rows, with minimum space of 150 - 180mm. (15 - 18cms). The average area coverage for one minute is 2.5 square meter. Regarding the Man Power one men or woman labour is sufficient to operate this weeder. Drudgery is reduced very much while weeding is the main advantage of the weeder.

No. of Pages : 16 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3749/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :01/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A RELIABLE SCALABLE DISTRIBUTED AND PREDICTIVE CONTROL SYSTEM FOR MANAGING DEMAND/SUPPLY AND PERFORMANCE OF THE DISTRIBUTION PROCESS FOR PUBLIC UTILITY SERVICES

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)SCHNEIDER ELECTRIC INDUSTRIES SAS</b>
(32) Priority Date	:NA	Address of Applicant :35, RUE JOSEPH MONIER, F-
(33) Name of priority country	:NA	92500 RUEIL MALMAISON France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)PRAVEEN SHETTY</b>
(87) International Publication No	: NA	<b>2)UMASANKAR CHANDRASEKARAN</b>
(61) Patent of Addition to Application Number	:NA	<b>3)SOURAV KARMAKAR</b>
Filing Date	:NA	<b>4)ARCHANA NAGARAJA</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A predictive control system and a method for managing demand/supply and performance of distribution process for a plurality of public utility services is disclosed. The system comprises a plurality of nodes communicatively coupled to each other in form of a neural network. Each of the nodes (1a, 1b, 1c, 1d etc) corresponds to a public utility service. Each of the nodes comprises an input weight table 11 and an output weight table 13. The input weight table 11 assigns weight to a parameter related to the public utility service. The output weight table assigns weight to the parameter based on the predictive effect on the parameter. The output weight table 13 of each node is copied to input weight table 11 of one or more nodes . Design of the node is kept independent of particular parameter to be controlled. The engineer responsible for designing the deployment is required to define the function of the 'node' at time of instantiation and implementation phase of the deployment of the above said communicative coupling of the nodes.

No. of Pages : 20 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3650/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :24/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : CONTROL PUSH-BUTTON UNIT FOR ELECTRIC PLANTS AND METHODS AND TOOLING FOR MANUFACTURING SUCH A PUSH-BUTTON UNIT

(51) International classification	:B29C
(31) Priority Document No	:n.VI2010A000289
(32) Priority Date	:28/10/2010
(33) Name of priority country	:Italy
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)PIZZATO ELETTRICA S.R.L.**  
Address of Applicant :VIA TORINO, 1 MAROSTICA (VI)-  
1-30603 Italy  
(72)**Name of Inventor :**  
**1)PIZZATO, MARCO**

(57) Abstract :

A method for manufacturing a control push-button unit (2) for plants comprises the steps of shaping a lower half (4) and an upper half (5) couplable to form a box-like case (3), providing a plurality of electric elements (8, 9,10, 11, 12) and their positioning between the lower half (4) and the upper half-shell (5). The step (a) of shaping the upper half (4) comprises the steps of providing a first mold (1) having a central cavity (14) with a bottom wall (15) and an upper opening (16), inserting a matrix (17) in the cavity (14), such matrix having a shaped lower face (18) facing the bottom wall (15) to define an interspace (20) therewith. The matrix (17) is formed by a plurality of first modular inserts (21, 21', 21,...) designed to realize housing seats (7, 7', 7) for the electric elements (8, 9,10, 11, 12), such inserts appropriately positioned in the cavity (14) with their lower surfaces (22, 22', 22) defining the lower face (18) of the matrix (17). A control push-button unit for plants obtainable with the method according to the invention.

No. of Pages : 26 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3651/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :24/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AIR-OIL SEPARATOR WITH INTEGRATED ORIFICE STRIKER IN CYLINDER HEAD COVER

(51) International classification	:F01M	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ASHOK LEYLAND LIMITED
(32) Priority Date	:NA	Address of Applicant :NO. 1, SARDAR PATEL ROAD,
(33) Name of priority country	:NA	GUINDY, CHENNAI 600 032 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)D PREMNATH
(87) International Publication No	: NA	2)KRISHNAN SADAGOPAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A cylinder head cover is constructed for oil separation from the blow-by gases and facilitating engine crankcase ventilation system. The cylinder head cover comprises a baffle plate having plurality of bay walls arranged adjacent and parallel to each other with a predetermined spacing. The baffle plate is attached with the cylinder head cover for separating the oil particulates from the blow by gas. An orifice plate and a striker plate are provided adjacent to the bay walls of the baffler plate for further separation of oil from the blow-by gas. The separated blow by gas from the bay walls continue to pass through the orifice plate and the striker plate for further separation of oil from blow by gas. A blow-by gas port is provided with the baffle plate, such that the blow-by gases containing oil particles enters through the blow-by gas port in the baffle plate and passes to the bay walls through the inlet bays in the baffle plate. The blow by gas separated from the oil particles escapes through a vent provided in the cylinder head cover.

No. of Pages : 18 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3652/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :24/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : ELLIPTICAL SPACER DESIGN FOR INCREASING CONTACT AREA IN TENSIONERS

(51) International classification	:F16H	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)ASHOK LEYLAND LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :NO.1, SARDAR PATEL ROAD,
(33) Name of priority country	:NA	GUINDY, CHENNAI - 600 032 Tamil Nadu India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)D PREMNATH</b>
(87) International Publication No	: NA	<b>2)KRISHNAN SADAGOPAN</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The tensioner assembly is designed to provide an optimum tension to the timing belt drive system. The tensioner assembly has a tensioner pulley having an elliptical spacer attached to the cylinder head through a spacer mounting bolt by mating with the elliptical profile of the spacer. The elliptical spacer mounting bolt centre line is made offset with the pulley centre line to form an eccentricity. A locking key is provided to adjust the tensioner assembly through the tensioner locking pin provided in the elliptical spacer, such that the timing belt tension is adjusted and locked through the tensioner locking pin. The spacer holds a ball bearing for providing free circular motion to the tensioner pulley, such that the spacers face rest with mating member and give the thrust for the tensioner pulley to adjust the belt tension. The elliptical profiled spacer contacts full surface area with the cylinder head and the eccentricity of the elliptical spacer moves the tensioner pulley for adjusting the tension for the belt drive system.

No. of Pages : 18 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3498/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :11/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : INFORMATION PROCESSING APPARATUS AND CONTROL METHOD THEREFOR

(51) International classification	:B65B
(31) Priority Document No	:3498/CHE/2011
(32) Priority Date	:11/10/2011
(33) Name of priority country	:
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1) CANON KABUSHIKI KAISHA**  
Address of Applicant : 30-2, SHIMOMARUKO 3-CHOME,  
OHTA-KU, TOKYO Japan  
(72)**Name of Inventor :**  
**1)**

(57) Abstract :

There are provided an information processing apparatus which provides a user credential sharing service on a user credential sharing condition intended by a vendor that creates an application, and a control method for the information processing apparatus. To accomplish this, the information processing apparatus generates sharing settings which defines a sharing condition for each item of a user credential among applications according to a manifest file acquired from each application. Upon receiving a request of a user credential from one of the applications, the information processing apparatus provides the user credential to the requesting application according to the generated sharing settings.

No. of Pages : 49 No. of Claims : 9



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3499/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :11/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : DRIVER ASSISTANCE SYSTEM FOR A MOTOR VEHICLE AND CORRESPONDING OPERATING METHOD

(51) International classification	:B62D	(71)Name of Applicant :
(31) Priority Document No	:10 2010	1)MAN TRUCK & BUS AG
(32) Priority Date	048 322.2	Address of Applicant :DACHAUER STR. 667, 80995
(33) Name of priority country	:13/10/2010	MUNCHEN Germany
(86) International Application No	:Germany	(72)Name of Inventor :
Filing Date	:NA	1)KARLHEINZ DORNER
(87) International Publication No	: NA	2)ANDREAS ZIMMERMANN
(61) Patent of Addition to Application Number	:NA	3)DANIEL HEYES
Filing Date	:NA	4)MARTIN HUBER
(62) Divisional to Application Number	:NA	5)PETER DRIMMI
Filing Date	:NA	6)BRITTA MICHEL

(57) Abstract :

The invention relates to an operating method for a driver assistance system for a motor vehicle, in particular for a lorry, for assisting a motor vehicle driver in selecting a consumption-reducing method of driving, having the following steps: predefinition of the method of driving of the motor vehicle; determination of a consumption parameter of the motor vehicle for the predefined method of driving, wherein the consumption parameter represents the fuel consumption of the motor vehicle when applying the predefined method of driving; display of the consumption parameter for the motor vehicle driver; determination of a wear parameter of the motor vehicle for the predefined method of driving, wherein the wear parameter represents the wear of the motor vehicle or of part of the motor vehicle during the predefined method of driving; and displaying of the wear parameter for the motor vehicle driver. Furthermore, the invention comprises a corresponding driver assistance system.

No. of Pages : 19 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3755/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :02/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYSTEM FOR CONTROLLING POWER DELIVERED TO ELECTRICAL LOAD

(51) International classification	:H05B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)Silvan Innovation Labs</b>
(32) Priority Date	:NA	Address of Applicant :No.7 2nd Floor 10th Main Jeevan
(33) Name of priority country	:NA	Bhima Nagar Main Road Bangalore
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)Ajay Gupta</b>
(87) International Publication No	: NA	<b>2)Ritesh Nagpal</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system for controlling power delivered to an electrical load is provided. The system comprises a variable voltage power source a light emitting diode (LED) coupled to the variable voltage power source the LED having multiple outputs representative of the varied brightness of the light emitting diode a light dependent resistor coupled to the LED the resistance of the light dependent resistor being controlled by the varied brightness of the LED and a bidirectional semiconductor switch coupled to the light dependent resistor and the electrical load for conducting a load current from the variable voltage power source to the electrical load the bidirectional semiconductor switch having a control input coupled to the light dependent resistor for operating the bidirectional semiconductor switch. Further the variable voltage power source is coupled to the light emitting diode through one of a resistor banking unit and a frequency modulation unit.

No. of Pages : 11 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3762/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :02/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : System for Controlling Operation of Electrical Appliance

(51) International classification	:H03K	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)Silvan Innovation Labs</b>
(32) Priority Date	:NA	Address of Applicant :No.7 2nd Floor 10th Main Jeevan
(33) Name of priority country	:NA	Bhima Nagar Main Road Bangalore India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)Ajay Gupta</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In one embodiment a system for controlling operation of at least one electrical appliance is provided. The system comprises a control unit configured to receive input from at least one of a switching unit the control unit being coupled to the electrical appliance via at least one switching means the control unit configured for receiving inputs from the switching units and subsequently controlling the operation of the electrical appliance based on received inputs.

No. of Pages : 15 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3568/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :17/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : VEHICULAR DYNAMIC RIDE SIMULATION SYSTEM USING A HUMAN BIOFIDELIC MANIKIN AND A SEAT PRESSURE DISTRIBUTION SENSOR ARRAY

(51) International classification	:G09B	(71)Name of Applicant :
(31) Priority Document No	:12/908,504	<b>1)LEAR CORPORATION</b>
(32) Priority Date	:20/10/2010	Address of Applicant :21557 TELEGRAPH ROAD,
(33) Name of priority country	:U.S.A.	SOUTHFIELD, MICHIGAN 48034 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)GALBREATH, ASHFORD, ALLEN</b>
(87) International Publication No	: NA	<b>2)O'BANNON, TERRY</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system that generates a dynamic seating body pressure distribution data includes a seat and a stimulus applying mechanism that is adapted to apply a stimulus to the seat. A human biofidelic manikin is provided on the seat. A seat pressure distribution sensor array is responsive to the human biofidelic manikin for generating a dynamic seating body pressure distribution data when the stimulus applying mechanism applies a stimulus to the seat.

No. of Pages : 23 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3569/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :17/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : DESIGN AND FABRICATION OF MICRO-WEAR TESTING MACHINE

(51) International classification	:G01N	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)S. MUTHU KUMAR</b>
(32) Priority Date	:NA	Address of Applicant :222/1, THIRUKOILUR ROAD,
(33) Name of priority country	:NA	THIRUVANNAMALAI, PIN 606 601 Tamil Nadu India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)DR. G. HEMATH KUMAR</b>
(87) International Publication No	: NA	<b>2)S. MUTHU KUMAR</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The Micro wear testing machine is used to test the friction and wear characteristics of dry or lubricated parts in micro level. The test is performed through rotating a test disc against a stationary test specimen (pin). Wear, friction force, and interface temperature can be measured.

No. of Pages : 17 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.377/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : PUSHBITS FOR SEMI-SYNCHRONIZED POINTING

(51) International classification	:H04W	(71)Name of Applicant :
(31) Priority Document No	:09163439.4	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:23/06/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/052640	(72)Name of Inventor :
Filing Date	:14/06/2010	1)TALSTRA Johan Cornelis
(87) International Publication No	: NA	2)PENNING DE VRIES Hendricus Theodorus
(61) Patent of Addition to Application	:NA	Gerardus Maria
Number	:NA	3)YIANNI George Frederic
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of selecting a light source among a plurality of light sources by means of a remote controller includes the remote controller: - instructing by omnidirectional transmission the light sources to each transmit a directional signal comprising a code which is unique for each light source; - receiving the directional signals from the light sources; and - selecting one of the light sources on basis of the received directional signals. Furthermore the method includes: - generating remotely of the light sources codes to be transmitted by the light sources; and - the remote controller instructing each one of the light sources which one of the remotely determined codes to transmit.

No. of Pages : 20 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3773/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :03/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A FOOD POWDER COMPOSITION FOR THE PET DOGS USING THE WASTES OF THE SLAUGHTER HOUSE AND THE MARKET

(51) International classification

:A01K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)TAMILNADU VETERINARY AND ANIMAL SCIENCES**

Address of Applicant :UNIVERSITY(TANUVAS),  
MADHAVARAM MILK COLONY, MADHAVARAM,  
CHENNAI 600 051 Tamil Nadu India

(72)Name of Inventor :

**1)ROBINSON JJ ABRAHAM**

**2)R. NARENDRA BABU**

**3)M VIDHYA**

(57) Abstract :

A food powder composition for the pet dogs using the wastes of the slaughter house and the market. According to this invention there is provided a process of a powder food composition for the pet dogs comprising: 30-45 % offal, 20-30 % vegetable waste 20-30 % fruit waste and 05-15 % plant binders

No. of Pages : 9 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3776/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :03/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METAL NANOPREPARATIONS FOR ALL EFFLUENT TREATMENT

(51) International classification	:C02F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)DR. THANGAMUTHU ANITHA SIRONMANI</b>
(32) Priority Date	:NA	Address of Applicant :SCHOOL OF BIOTECHNOLOGY,
(33) Name of priority country	:NA	MADURAI KAMARAJ UNIVERSITY, MADURAI 625 021
(86) International Application No	:NA	Tamil Nadu India
Filing Date	:NA	<b>2)MR. SUTHANTHIRADANIELCROSS GUEVARA</b>
(87) International Publication No	: NA	<b>KIRUBA DANIEL</b>
(61) Patent of Addition to Application Number	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)DR. THANGAMUTHU ANITHA SIRONMANI</b>
(62) Divisional to Application Number	:NA	<b>2)MR. SUTHANTHIRADANIELCROSS GUEVARA</b>
Filing Date	:NA	<b>KIRUBA DANIEL</b>

(57) Abstract :

This inventive subject matter relates to novel nano metal solution and methods for using such compounds for treating effluent and mediated by salt precipitation. The present invention relates to new metal nanoparticles like silver, iron, copper etc substituted with various stabilizing agents like citrate, starch, polyol etc ,either alone or in combination with at least one additional agent, in desalting/decolouring. Reusing the sediment and water for various other uses.

No. of Pages : 23 No. of Claims : 23



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3778/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :03/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF CANDESARTAN

(51) International classification	:C07C	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)OGENE SYSTEMS (I) PVT. LTD.</b>
(32) Priority Date	:NA	Address of Applicant :#11-6-56, 1ST FLOOR, GSR
(33) Name of priority country	:NA	ESTATES, NEAR IDPL, BALANAGAR, HYDERABAD - 500
(86) International Application No	:NA	037 Andhra Pradesh India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)KADARI SUDHAKAR</b>
(61) Patent of Addition to Application Number	:NA	<b>2)GADDAM PRABHAKAR</b>
Filing Date	:NA	<b>3)KATTA OBUL REDDY</b>
(62) Divisional to Application Number	:NA	<b>4)JILLELLA RAJU</b>
Filing Date	:NA	<b>5)BOYAPATI MANORANJAN CHOUDARY</b>

(57) Abstract :

The invention encompasses improved process for the synthesis of candesartan, which comprises alkylation of methyl 2-t-butoxy-carbonylamino-3-nitrobenzoate (IV) with 4-bromomethyl-2'-cyanobiphenyl (V) in presence of a phase transfer catalyst and reduction of methyl 2-[[2'-cyanobiphenyl]amino]-3-nitrobenzoate with sulphur containing reducing agent in water or in an organic solvent or in mixtures thereof to give methyl 3-amino-2-[[2'-cyanobiphenyl-4-yl)methyl]amino]benzoate (VIII), and its further conversion to candesartan of formula I.

No. of Pages : 23 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3656/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :25/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : MACHINE TO MACHINE COMMUNICATIONS IN A MULTIPLE M2M DEVICE GROUP ZONE ENVIRONMENT

(51) International classification

:H04L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)SAMSUNG INDIA SOFTWARE OPERATIONS  
PRIVATE LIMITED**

Address of Applicant :Bagmane Lakeview Block B No.  
66/1 Bagmane Tech Park C V Raman Nagar Byrasandra  
Bangalore 560093 Karnataka India Tamil Nadu India

(72)Name of Inventor :

**1)AGIWAL ANIL  
2)NIGAM ANSHUMAN**

(57) Abstract :

The present invention provides a method and system for providing machine to machine (M2M) communications in a multiple M2M device group zone environment. In one embodiment, a method includes receiving zone identifiers identifying M2M device group zones associated with a base station. The method further includes computing zone indexes corresponding to the zone identifiers associated with the base station, where the zone indexes are local indexes assigned to the M2M device group zones associated with the base station. Furthermore, the method includes selecting a zone index corresponding to a zone identifier of a M2M device group zone associated with a M2M device group of a M2M device from the computed zone indexes, and using the selected zone index in conjunction with a M2M device group identifier associated with the M2M device group of the M2M device to communicate with the base station.

No. of Pages : 38 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3657/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :25/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : Power Supply System

(51) International classification	:H02M	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)Nishil Thomas Koshy</b>
(32) Priority Date	:NA	Address of Applicant :Nishalee 15th Cross Road Girinagar
(33) Name of priority country	:NA	P.O. Ernakulam Kerala India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)Nishil Thomas Koshy</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides a power supply system that is capable of converting a variable AC voltage to a regulated DC voltage that is configured to be supplied to an associated device. The power supply system comprises an AC input load a rectifier circuit and a voltage limiting circuit. Further the AC input load is coupled in series with the rectifier circuit and the rectifier circuit<sup>TM</sup>s output is coupled to the voltage limiting circuit.

No. of Pages : 12 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3781/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :03/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF RANDOM POLYPEPTIDES AND EMPLOYING CIRCULAR DICHROISM AS A GUIDANCE TOOL FOR THE MANUFACTURE OF GLATIRAMER ACETATE

(51) International classification	:G01N	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)BIOCON LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :20th Km Hosur Road Hebbagodi
(33) Name of priority country	:NA	Bangalore 561 229 Karnataka India.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)Srinivas Pullela Venkata</b>
(87) International Publication No	: NA	<b>2)Anand Khedkar</b>
(61) Patent of Addition to Application Number	:NA	<b>3)Nitin Sopanrao Patil</b>
Filing Date	:NA	<b>4)Sandhya Ujire</b>
(62) Divisional to Application Number	:NA	<b>5)Amarnath Chatterjee</b>
Filing Date	:NA	<b>6)Ashwini Janakiraman</b>

(57) Abstract :

The present invention discloses novel process for the preparation of mixture of polypeptides comprising L-Glutamaic acid, L-Alanine, L-Tyrosine, and L-Lysine.by employing circular dichroism as a guidance tool.

No. of Pages : 17 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3784/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :04/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN IMMUNE BOOSTER

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ARVIND VARCHASWI
(32) Priority Date	:NA	Address of Applicant :C/O ARVIND EXPORTS 288/C,
(33) Name of priority country	:NA	10TH MAIN, 5TH BLOCK, BANGALORE 560 041 Karnataka
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ARVIND VARCHASWI N.
(61) Patent of Addition to Application Number	:NA	2)DR. RAVIKUMAR REDDY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for the preparation of an immune booster comprising the steps of individually powdering Ashwagandha 60 to 120 grams; Guduchi 60 to 120 grams; Satavari 80 to 120 grams; Brahmi 80 to 120 grams; Shankapushpi 80 to 120 grams; Bringaraj 80 to 120 grams; Amalaki 80 to 120 grams; Yashtimadhu 20 to 60 grams in a disintegrator; mixing the resulting powders along with distilled water; boiling the resulting mix between 90 to 100 degrees centigrade for 40 to 60 minutes; cooling, filtering and distilling the liquid; adding preservative and flavouring to the extract thus obtained.

No. of Pages : 9 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.379/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : DEVICE SIZING SUPPORT DURING INTERVENTIONS

(51) International classification	:B01F	(71)Name of Applicant :
(31) Priority Document No	:09305588.7	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:23/06/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/052723	(72)Name of Inventor :
Filing Date	:17/06/2010	1)FLORENT Raoul
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method and an apparatus for providing device sizing support the method comprising obtaining an X-ray image of a vessel introducing a guide wire having a radiopaque wire tip into the vessel obtaining an X-ray image of the wire tip segmenting the wire tip when it passes through the vessel and providing sizing information relating to the size of the vessel based on the size of the wire tip. The imaging system according to the invention includes means providing functionality for performing the method according to the invention.

No. of Pages : 14 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.38/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :03/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : BALANCE SPRING BOOT

(51) International classification	:A61B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:11150327.2	<b>1)ETA SA MANUFACTURE HORLOGERE SUISSE</b>
(32) Priority Date	:06/01/2011	Address of Applicant :SCHILD-RUST-STRASSE 17, CH-
(33) Name of priority country	:EPO	2540 GRENCHEN Switzerland
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)GONTHIER, BERTRAND</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Balance spring boot (1) to be driven onto an index (10) for adjusting a balance spring (20) pivoting relative to an axis (D) and including two pins (2, 3), parallel to each other in one direction (D1) and arranged for limiting the radial beat of a balance spring (20) inserted between said pins, and including a means of resting on said index (10) arranged, when said balance spring boot (1) is assembled on said index (10), for adjusting said direction (D1) parallel to said pivot axis (D). Said spring boot (1) includes in a parallel direction to said direction (D1) a sight hole (4) clear so as to allow visualisation by an operator or instrument of said pins (2, 3) and the portion of a balance spring (20) inserted between them at a distance from and/or in contact with one and/or the other of said pins (2, 3).

No. of Pages : 16 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3682/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :27/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A COMMUNICATION SYSTEM FOR MANAGING LEASED LINE NETWORK WITH WIRELESS FALLBACK

(51) International classification

:H04L

(31) Priority Document No

:NA

(32) Priority Date

:N

(33) Name of priority country

: A

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)CENTRE FOR DEVELOPMENT OF TELEMATICS**

Address of Applicant :Phase 1 Hosur Road Electronic City  
Bangalore 560 100 Karnataka India. Punjab India

(72)Name of Inventor :

**1)VVR Sastry**

**2)Jayant Bhatnagar**

**3)A Bhavani Shanker**

**4)AKV Sai Jayram**

**5)BR Suresh**

**6)P Ramanjaneya Reddy**

**7)Cherukuri VDS Chowdary**

(57) Abstract :

Embodiments of the present disclosure relate to a communication system for managing leased line networks. The system comprises of a router to route data from one network to another network and a V.35 modem configured to receive the data from the router and transmit the data to a predefined destination using internet protocol (IP) network. The interface which connects the router with the V.35 modem is a V.35 interface. The IP network requires an ethernet interface to receive the data and to transmit the data to a destined location. The V.35 modem designed converts the V.35 interface to an ethernet interface but since the ethernet interface is expensive the V.35 modem converts the ethernet interface to an ADSL interface for establishing ADSL connection towards the IP network. The system further comprising an interface to 3G/LTE/Wifi which is used as a redundant path in the event of failure of ADSL interface.

No. of Pages : 18 No. of Claims : 13



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3683/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :27/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A COMMUNICATION SYSTEM FOR MANAGING LEASED LINE NETWORK AND A METHOD THEREOF•

( 1) International classification

:H04L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)CENTRE FOR DEVELOPMENT OF TELEMATICS**

Address of Applicant :Phase 1 Hosur Road Electro ic

City Bangalore 560 100 Karnataka India. Tripura India

(72)Name of Inventor :

**1)VVR Sastry**

**2)Jayant Bhatnagar**

**3)A Bhavani Shanker**

**4)AKV Sai Jayram**

**5)BR Suresh**

**6)P Ramanjaneya Reddy**

**7)Cherukuri VDS Chowdary**

(57) Abstract :

Embodiments of the present disclosure relate to a communication system for managing leased line networks. The system comprises of a router to route data from one network to another network and a V.35 modem configured to receive the data from the router and transmit the data to a predefined destination using internet protocol (IP) network. The interface which connects the router with the V.35 modem is a V.35 interface. The IP network requires an ethernet interface to receive the data and to transmit the data to a destined location. The V.35 modem designed converts the V.35 interface to an ethernet interface but since the ethernet interface is expensive the V.35 modem converts the ethernet interface to an ADSL interface for establishing ADSL connection towards the IP network.

No. of Pages : 16 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3684/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :27/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A FIFTY PERCENT REACTION HIGH PRESSURE MODULE BLADE OF A STEAM TURBINE

(51) International classification	:F01D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)Triveni Turbine Limited</b>
(32) Priority Date	:NA	Address of Applicant :12A Peenya Industrial Area
(33) Name of priority country	:NA	Bangalore Karnataka India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)Chegunti Suresh</b>
(87) International Publication No	: NA	<b>2)Gopi Pramodchandra Umakant</b>
(61) Patent of Addition to Application Number	:NA	<b>3)Pundhir Nitin</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A fifty percent reaction high pressure module blade of a steam turbine is disclosed as shown in figure 4(a) wherein the problem of deteriorating efficiency across the stages of the high pressure module during off design conditions (i.e. at variable volumetric flows) is solved by providing an optimized blade profile with broader leading edge 38. As a result of the blade profile in accordance with the present invention a high pressure module capable of achieving flat efficiencies across the stages during off design conditions (i.e. at variable volumetric flows) is obtained.

No. of Pages : 33 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3685/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :27/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD OF POWER REPORTING AND COMMUNICATION DEVICE THEREOF

(51) International classification	:H04L	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:61/411,192	<b>1)ACER INCORPORATED</b>
(32) Priority Date	:08/11/2010	Address of Applicant :8F 88 Sec. 1 Hsin Tai Wu Rd.
(33) Name of priority country	:U.S.A.	Xizhi Dist. New Taipei City R.O.C. Taiwan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)Chun-Chia Chen</b>
(87) International Publication No	: NA	<b>2)Chun-Yen Wang</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of power reporting for a mobile device configured with a plurality of uplink component carriers and/or parallel PUCCH and PUSCH transmission in a wireless communication system is disclosed. The method comprises being configured a maximum output power for at least a uplink component carrier determining to start or stop a maximum output power reporting for the at least a uplink component carrier according to a characteristic associated to the mobile device or a network of the wireless communication system and reporting the maximum output power for the at least a uplink component carrier to the network when the maximum output power reporting is triggered and the maximum output power reporting is started.

No. of Pages : 48 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3704/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :28/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND SYSTEM FOR PROVIDING A COURIER DISPATCH NOTIFICATION

(51) International classification	:G06Q	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)MANGO TECHNOLOGIES PVT LTD</b>
(32) Priority Date	:NA	Address of Applicant :#7 AND #8, 27TH MAIN ROAD,
(33) Name of priority country	:NA	HSR LAYOUT SECTOR-1, BANGALORE 560 102 Karnataka
(86) International Application No	:NA	India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)SUNIL MAHESHWARI</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The various embodiments herein provide a method and system for providing a courier dispatch notification to a user. The method comprising steps of registering a plurality of users with an application server for a courier alert notification, downloading and installing an application client in an user device, registering a plurality of vendors with the application server, downloading and installing an application agent on a plurality of vendor devices, providing the unique ID of a sender and recipient of the courier in the vendor device, obtaining the recipient details from the application agent by the application server, verifying the unique ID of the registered user in the application server and notifying the dispatch of the courier. The application server automatically takes the unique ID as a credential for accessing information associated with the registered user for notifying the user.

No. of Pages : 30 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3705/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :28/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND APPARATUS FOR CONSTRUCTING A ROAD NETWORK BASED ON POINT-OF-INTEREST (POI) INFORMATION

(51) International classification	:G01C	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)NOKIA CORPORATION</b>
(32) Priority Date	:NA	Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo
(33) Name of priority country	:NA	Finland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)Deepti Chafekar</b>
(87) International Publication No	: NA	<b>2)Juong-Sik Lee</b>
(61) Patent of Addition to Application Number	:NA	<b>3)Umesh Chandra</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An approach is provided for determining mapping information based on determined location information for one or more points of interest. The approach involves processing and/or facilitating a processing of metadata associated with one or more points of interest to cause, at least in part, a designation of the one or more points of interests as one or more location nodes. The approach also involves causing, at least in part, a construction of a location graph based, at least in part, on one or more connections among the one or more locations nodes. The approach further involves determining at least an approximation of one or more features based, at least in part, on the location graph.

No. of Pages : 56 No. of Claims : 59

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3706/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :28/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : LOW POWER CURRENT METER

(51) International classification	:G01R	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)SCHNEIDER ELECTRIC INDIA PRIVATE LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :#44P, SCHNEIDER ELECTRIC
(33) Name of priority country	:NA	INDIA PRIVATE LIMITED, PHASE-2, ELECTRONIC CITY
(86) International Application No	:NA	PHASE-2, HOSUR ROAD, BANGALORE - 560 100
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	(72) <b>Name of Inventor :</b>
(61) Patent of Addition to Application Number	:NA	<b>1)NAVEEN SHANKAR</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses an apparatus for measuring electricity in ultra low range employing energy harvesting scheme. The apparatus includes a current meter (102) for magnetically sensing the electricity, a control unit (106) for measuring the sensed electricity, and an energy storage unit (104) for supplying power to the control unit. The sensed electricity is used to charge the energy storage unit simultaneously with measuring. A transceiver unit transmits the measured output to a remote control system. The apparatus is self-operative and does not include any auxiliary power supply. The less number of components enables to reduce overall power consumption and system cost.

No. of Pages : 13 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3707/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :28/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : MICRO-SPRINKLER•

51) International classification	:A01G	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)MANNEKKARA AVARAN</b>
(32) Priority Date	:NA	Address of Applicant :Mannekkara House P.O. Athavanad
(33) Name of priority country	:NA	Thirunavaya (via) Malappuram Dist-676301 Kerala Gujarat
(86) International Application No	:NA	India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication N	: NA	<b>1)MANNEKKARA AVARAN</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention generally relates to the field of agricultural and more particularly to uipments related to the irrigation of plants. In one embodiment, a flexible micro elongated tube including a first end and second end, wherein the first end of the elongated tube is connected to a source and the second end of the elongated tube is sealed, the first end is connected to the source of pressurized main water linkage, the second end including a bend for nozzle opening to discharging the water fixedly located with the sealed outlet end.

No. of Pages : 39 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3708/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :28/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR CALL FORWARDING TO A DEVICE BASED ON A PRIORITY LEVEL AND GEOGRAPHIC PROXIMITY

(51) International classification	:H04M	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)HEWLETT-PACKARD DEVELOPMENT COMPANY</b>
(32) Priority Date	:NA	<b>L.P.</b>
(33) Name of priority country	:NA	Address of Applicant :11445 Compaq Center Drive West
(86) International Application No	:NA	Houston TX 77070 U.S.A.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)Ramesh Kannan</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems and methods for call forwarding in a telecommunications network are described herein. A request to update a call forwarding number associated with a subscriber in the telecommunications network is provided. The request includes a phone number of an active mobile device which is located within geographic proximity to a subscriber mobile device. The active mobile device is associated with a priority level.

No. of Pages : 37 No. of Claims : 15



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3622/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :21/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : IMAGE PROCESSING DEVICE, IMAGE PROCESSING METHOD, AND IMAGE PROCESSING SYSTEM

(51) International classification

:H04N

(31) Priority Document No

:P2010-  
243394

(32) Priority Date

:29/10/2010

(33) Name of priority country

:Japan

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)SONY CORPORATION**

Address of Applicant :1-7-1 KONAN, MINATO-KU,  
TOKYO Japan

(72)Name of Inventor :

**1)YUJI FUJIMOTO**

(57) Abstract :

Disclosed herein is an image processing device including: a generating section, a plurality of pieces of stream data with different display sizes being created in advance for each of a plurality of video contents, configured to generate stream data of one stream of a multiple video reproduced image for simultaneously displaying not smaller than two video contents selected from the plurality of video contents by performing parameter transcoding using the stream data created in advance.

No. of Pages : 74 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3623/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :21/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : VARUN: A UNIQUE RAIN SIMULATOR

(51) International classification	:B60S	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)VIT UNIVERSITY, VELLORE</b>
(32) Priority Date	:NA	Address of Applicant :VIT UNIVERSITY, VELLORE, PIN
(33) Name of priority country	:NA	632 014 Tamil Nadu India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)PEEYUSH KHARE</b>
(87) International Publication No	: NA	<b>2)TUSHAR AGARWAL</b>
(61) Patent of Addition to Application Number	:NA	<b>3)DR. S. GHOSH</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This design was formulated to find a civil engineering solution for a natural calamity. We felt that in this day and age, the fruits of original research should be nation specific. When we heard and read screaming headlines about farmer suicides in our country we wondered- Is this problem so intractable Can we not find a solution that is economical and India specific to stop needless farmer suicides With this background, we scanned through existing literature that covered a whole gamut of established sprinkling systems including automated lawn sprinklers, drip irrigation and such like. This led us on to read about rain simulation practiced in the United States of America particularly in the state of California. We noticed that these extant simulators were all vertically pointing downwards and although they releases a size segregated spray droplets, none of them produce droplets that fell with a velocity close to actual rain showers. The second point of difference these were typically unwieldy and grossly expensive for an average Indian farmer. For example, the Californian rain simulator had a maximum height of 25 feet and cost approximately US\$5000. We wanted to build something more affordable yet more flexible. So the main thrust of our innovation was not only to develop an apparatus that simulated natural rain but also to develop a fluid dynamical code that can provide easy visualization of the spray droplet trajectories. So we had to be very specific on how our design was unique. This we achieved in two stages. First, we allowed tri-directional maneuverability as shown in figure 5.3. Secondly, we actually compared our droplet trajectories with observed rain spectra and we found that our spectra agreed over a droplet regime spanning 1 to 4 millimeters diameter. We chose liquid discharge rates ranging from  $7.67 \times 10^5 \text{ mV}$  to  $4.88 \times 10^{-5} \text{ m 3S}^{-1}$  and horizontal crosswind speeds between  $2.0 \text{ ms}^{-1}$  to  $4.5 \text{ ms}^{-1}$ , the later because monsoon showers are typically wind driven at these speeds. We also accounted for the effect of an induced air jet speed as well as turbulent velocity fluctuations in the horizontal and lateral directions. Since the droplets have a variety of sizes, they interact differently for different zones of the spray- at distances close to the nozzle the droplets are expelled at very high velocities exceeding the strengths of either the crosswinds or induced air jet speeds, at larger axial distances the strength of the induced air jet field decreases as  $z^{-1/2}$  and the effect of the crosswind is more visibly apparent. At large axial distances, the droplets bend in the direction of the crosswind depending on their diameters. The larger droplets owing to the large inertia deviate less as compared to the smallest droplets which are easily borne by the crosswinds. We also find the optimal orientation angle is 80 degrees for a liquid discharge rate of  $7.67 \times 10^5 \text{ m3s}^{-1}$  and a crosswind of  $4.5 \text{ ms}^{-1}$ . Also the droplet energy fluxes obtained at different discharge rates and crosswinds closely match with the droplet energy fluxes of natural rainfall. The most comforting part of our analysis is we have a full scale model already assembled in our university lab which is currently being used for a variety of applications.

No. of Pages : 29 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3750/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :01/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : Continuous Chemical Withering Machine

(51) International classification	:F26B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)Mr.Sangeet Bagaria</b>
(32) Priority Date	:NA	Address of Applicant :B-410 Raheja Enclave Race Course
(33) Name of priority country	:NA	Road Coimbatore - 641018 India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)Mr.Sangeet Bagaria</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In view of the foregoing an embodiment herein provides a continuous chemical withering machine includes atleast a shuttling conveyor belt platform that can move back and forth on the guiding rails of an open trough atleast one feeding doffer at the end of the shuttling conveyor belt and the air chamber below the floor is divided into a number of separate air chambers wherein blowers with dampers are placed for adequate air circulation a meshed conveyor belt placed above the air chamber and throughout the entire length of the trough that transports the leaves and a discharge doffer that helps in discharging the appropriately withered leaves in an even manner such that no portion of the appropriately withered leaves are exposed to more wither than necessary.

No. of Pages : 23 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3751/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :01/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : NANOSTRUCTURE BASED METHOD FOR DETECTION AND/OR ISOLATION OF BIOMOLECULE

(51) International classification	:G01N	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)BIGTEC PRIVATE LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :2ND FLOOR GOLDEN HEIGHTS
(33) Name of priority country	:NA	59TH C CROSS 4TH M BLOCK RAJAJI NAGAR
(86) International Application No	:NA	BANGALORE 560010 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)THEVASAHAYAM Arockiadoss</b>
(61) Patent of Addition to Application Number	:NA	<b>2)VARDHAN Harsh</b>
Filing Date	:NA	<b>3)AATRE Kiran R</b>
(62) Divisional to Application Number	:NA	<b>4)ROY MAHAPATRA Debiprosad</b>
Filing Date	:NA	<b>5)NAIR Chandrasekhar Bhaskaran</b>

(57) Abstract :

The present invention relates to method and a composition for detecting and/or isolating a biomolecule of interest in a sample, wherein said composition comprises a plurality of nanostructures attached with a photolytic material via a linker. The method disclosed in the present invention does not cause any damaging effect on the biomolecule. A device comprising a plurality of nanostructures attached with a photolytic material via a linker as disclosed in the present invention, a support and a substrate is also provided herein.

No. of Pages : 48 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.383/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : POSITION DETERMINING SYSTEM

(51) International classification	:H04L	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:09163454.3	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:23/06/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/052726	(72) <b>Name of Inventor :</b>
Filing Date	:17/06/2010	<b>1)MARCELIS Bout</b>
(87) International Publication No	: NA	<b>2)VAN HEESCH Christianus Martinus</b>
(61) Patent of Addition to Application Number	:NA	<b>3)KLEE Mareike</b>
Filing Date	:NA	<b>4)BABIC Drazenko</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to position determining system (201) for determining a position of an object (2). A first position detection unit (205) detects a first position of the object (2) based on radiation transferred between the object (2) and transfer positions being known relative to a reference position by a sending and receiving unit (203 214 216 217). A second position detection unit (35) detects a second position based on an acceleration of the object (2) and the determined first position wherein an output unit (12) outputs at least one of the first position and the second position. If the transfer of radiation is interrupted the second position can be output by the output unit. Moreover the first position can be used as an initial value for determining the second position or to update the second position. This improves the quality of determining the position of the object.

No. of Pages : 38 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3832/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :08/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A NOVEL CHICK-O-PATIZ, CHIC NUGGETZ AND CHICK-O-SAUZ AND A PROCESS FOR PREPARATION THEREOF

(51) International classification	:A23L	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)TAMILNADU VETERINARY AND ANIMAL</b>
(32) Priority Date	:NA	<b>SCIENCES UNIVERSITY</b>
(33) Name of priority country	:NA	Address of Applicant :MADHUVARAM MILK COLONY,
(86) International Application No	:NA	MADHAVARAM, CHENNAI - 600 051 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)ROBINSON J.J. ABRAHAM</b>
(61) Patent of Addition to Application Number	:NA	<b>2)R. NARENDRA BABU</b>
Filing Date	:NA	<b>3)M. VIDHYA</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a novel chick-o-patiz, chic Nuggetz and chick-o-sauz comprising of meat and Fat/vegetable oil -5,0-10.0%, Salt -2.0-2.5%, Sodium tri poly phosphate -0.2-0.5%, Sodium nitrite-100-120 ppm, Spice mix-2.0-2.5%, Onion -3-5%, Garlic-1-3%, Maida -5-10%. This invention also relates to a process for preparation of a novel chick-o-patiz, chic Nuggetz and chick-o-sauz comprising steps of :- mincing of deboned meat, mixing of various ingredients and cooking such as herein described.

No. of Pages : 10 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3834/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :08/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : HERBAL COMPOSITIONS FOR CONTROL OR ELIMINATION OF PLANT PESTS

(51) International classification	:A61K	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)CHANDRASHEKHAR G.</b>
(32) Priority Date	:NA	Address of Applicant :VILLAGE & POST KARAKOLLU
(33) Name of priority country	:NA	CHITTOOR DISTRICT- 517644 ANDHRA PRADESH
(86) International Application No	:NA	INDIA. Himachal Pradesh India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)CHANDRASHEKHAR G.</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention in a preferred embodiment provide herbal compositions, having pesticidal effect or pesticidal activity; or controlling or eliminating plant pests; the herbal composition comprising parts of Passiflora foetida, to which parts of one or more additional complimentary herb may be optionally added. The invention also provides for methods of preparation of the herbal compositions.

No. of Pages : 14 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3601/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :20/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A METHOD OF DIAGNOSING AN EXHAUST THROTTLE VALVE OF AN ENGINE

(51) International classification	:F02D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)ROBERT BOSCH ENGINEERING AND BUSHISS</b>
(32) Priority Date	:NA	<b>SOLUTIONS LIMITED</b>
(33) Name of priority country	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(86) International Application No	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	(72) <b>Name of Inventor :</b>
(61) Patent of Addition to Application Number	:NA	<b>1)MADHAN PRABHU S G</b>
Filing Date	:NA	<b>2)ROBERT BOSCH GMBH</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and device (100) for diagnosing an exhaust throttle valve (140) of an engine is disclosed. The method comprising the steps of actuating the exhaust throttle valve (140) from an open position to a closed position, determining rate of change of an engine speed in said closed position of the exhaust throttle valve (140), determining at least one engine parameter in said closed position of the exhaust throttle valve and diagnosing the exhaust throttle valve dependent on said rate of change of engine speed and said at least one engine parameter.

No. of Pages : 16 No. of Claims : 10



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3603/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :20/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : VEHICLE BUMPER RACE

(51) International classification	:B60R	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-241118	<b>1)HONDA MOTOR CO., LTD.</b>
(32) Priority Date	:27/10/2010	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)SUWA, TAKAKI</b>
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A fitting hole which is formed in a resin-made bumper face and into which a key cylinder is fitted is formed by cutting the bumper face using a tool after the bumper face is molded with a die. Thus, the fitting hole for the key cylinder can be formed without formation of a weld line that deteriorates the appearance of the bumper face. The fitting hole is formed in a recessed portion dented from a front surface side to a back surface side of the bumper face, and the angle formed between an inner surface of the fitting hole and a front surface of an inclined surface of the recessed portion is an obtuse angle. Thus, when the fitting hole is formed by cutting the inclined surface of the recessed portion, displacement of the fitting hole relative to the recessed portion becomes less conspicuous, and the appearance is improved. Accordingly, it is possible to form a fitting hole for an on vehicle component without formation of a weld line that deteriorates the appearance of a resin-made bumper face in molding the bumper face with a die.

No. of Pages : 18 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3838/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :08/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A DECORATED MULTIBASE AYURVEDIC TOILET SOAP AND A METHOD OF MANUFACTURING THE SAME

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)V.S. PRADEEP</b>
(32) Priority Date	:NA	Address of Applicant :NO: 8, J BLOCK, 6TH AVENUE,
(33) Name of priority country	:NA	ANNA NAGAR EAST, CHENNAI - 600 102 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)NAVIN KUMAR SHARMA</b>
(87) International Publication No	: NA	<b>2)D. K. SRINIVASA PRABHU</b>
(61) Patent of Addition to Application Number	:NA	<b>3)R. GOVINDARAJAN</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a decorated multi base, ayurvedic toilet soap preparation with improved performance. Specifically, the present invention relates to a method of manufacturing decorated toilet soap composed of multiple bases, wherein two different bases are mixed during the process. The present invention further relates to a toilet soap preparation with ayurvedic and herbal ingredients possessing medicinal activity. The decorated multi base, ayurvedic toilet soap formulation comprising soap noodles base and soap oil base, wherein the decoration is on one or more sides of the soap.

No. of Pages : 20 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.384/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : ESTABLISHING A CONTOUR OF A STRUCTURE BASED ON IMAGE INFORMATION

(51) International classification :G06T	(71)Name of Applicant :
(31) Priority Document No :09163572.2	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date :24/06/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country :EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No :PCT/IB2010/052756	(72)Name of Inventor :
Filing Date :18/06/2010	1)PETERS Jochen
(87) International Publication No : NA	2)ECABERT Olivier
(61) Patent of Addition to Application Number :NA	3)MEYER Carsten
Filing Date :NA	4)KNESER Reinhard
(62) Divisional to Application Number :NA	5)WEESE Juergen
Filing Date :NA	

(57) Abstract :

A system for establishing a contour of a structure is disclosed. An initialization subsystem (1) is used for initializing an adaptive mesh representing an approximate contour of the structure the structure being represented at least partly by a first image and the structure being represented at least partly by a second image. A deforming subsystem (2) is used for deforming the adaptive mesh based on feature information of the first image and feature information of the second image. The deforming subsystem comprises a force-establishing subsystem (3) for establishing a force acting on at least part of the adaptive mesh in dependence on the feature information of the first image and the feature information of the second image. A transform-establishing subsystem (4) is used for establishing a coordinate transform reflecting a registration mismatch between the first image the second image and the adaptive mesh.

No. of Pages : 22 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3594/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : NOVEL PHARMACEUTICAL COMPOSITIONS AND TECHNOLOGY FOR MANUFACTURE OF SUGAR-FREE CEFUROXIME AXETIL POWDER FOR ORAL SUSPENSION

(51) International classification

:A61K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)PULI RUPESH KUMAR**

Address of Applicant :H.NO. 7-106-6; PLOT NO. 119,  
VENKATESHWARA COLONY; OPP. ARCI, BALAPUR;  
HYDERABAD - 500 005 Andhra Pradesh India

**2)RAMIREDDY VIJAYA BHASKARA REDDY**

**3)VATTI SUMANTH REDDY**

(72)Name of Inventor :

**1)PULI RUPESH KUMAR**

**2)RAMIREDDY VIJAYA BHASKARA REDDY**

**3)VATTI SUMANTH REDDY**

(57) Abstract :

The present invention relates to a novel comprehensive taste-masking technology and composition that involves dispersing the drug substance uniformly in a molten lipid excipient or mixture of lipids followed by adsorbing this dispersion on an adsorbent premix consisting of non-sugar excipients and size-reducing to required granule size and adding optionally minimal required quantities of artificial sweetener(s), flavor(s), preservative(s) and viscosity modifier(s) enabling manufacture of a Cefuroxime Axetil powder/granules for oral suspension formulation that is essentially sugar-free and therefore can be safely administered to diabetics also.

No. of Pages : 12 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.385/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND DEVICE FOR PROGRAMMING A MICROCONTROLLER

(51) International classification :G11C  
(31) Priority Document No :09163617.5  
(32) Priority Date :24/06/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/052788  
Filing Date :21/06/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)WERNARS Johannes Petrus**  
**2)MAYR Victor**

(57) Abstract :

A programming device (100) for programming a controller (10) in an electronic driver (200) comprises a controllable voltage supply (30) for generating an AC supply voltage suitable for supplying the electronic driver (200) and a programming controller (20) for controlling the voltage supply (30). The programming device (100) is designed to modulate the supply frequency in order to both feed the electronic driver (200) and send programming data to the electronic driver (200).

No. of Pages : 15 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3854/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :09/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : FORMULATIONS OF INDOXACARB AND USE OF INDOXACARB FOR INDOOR RESIDUAL SPRAY

(51) International classification

:A01N

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)TAGROS CHEMICALS INDIA LIMITED**

Address of Applicant :JHAVAR CENTRE, RAJAH

ANNAMALAI BUILDING, IVTH FLOOR, 72, MARSHALL'S  
ROAD, EGMORE, CHENNAI - 600 008. Tamil Nadu India

(72)Name of Inventor :

**1)RAJALIAH SRIKRISHNAN**

**2)M.DAMODIRAN**

**3)R.KUPPUSWAMY**

(57) Abstract :

The invention relates to insecticidal composition comprising Indoxacarb for a wide range of applications. The invention also relates to application of Indoxacarb as Indoor Residual Spray

No. of Pages : 14 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3855/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :09/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PYRETHRUM INSECTICIDAL COMPOSITION

(51) International classification	:A01N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TAGROS CHEMICALS INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :JHAVER CENTRE, RAJAH
(33) Name of priority country	:NA	ANNAMALAI BUILDING, IVTH FLOOR, 72, MARSHALL'S
(86) International Application No	:NA	ROAD, EGMORE, CHENNAI - 600 008 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RAJAJIAH SRIKRISHNAN
(61) Patent of Addition to Application Number	:NA	2)M.DAMODIRAN
Filing Date	:NA	3)R.KUPPUSWAMY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In an insecticidal formulation containing pyrethrum, addition of appropriate amounts of one or more surfactants. The disclosed formulations represent a stable Pyrethrum formulation.

No. of Pages : 9 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3856/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :09/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : COMBINATION IRS WITH INDOXACARB AND PERMETHRIN

(51) International classification	:A01N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TAGORE CHEMICALS INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :JHAVAR CENTRE, RAJAH
(33) Name of priority country	:NA	ANNAMALAI BUILDING, IVTH FLOOR, 72, MARSHALL'S
(86) International Application No	:NA	ROAD, EGMORE, CHENNAI - 600 008 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RAJAJIAH SRIKRISHNAN
(61) Patent of Addition to Application Number	:NA	2)M.DAMODIRAN
Filing Date	:NA	3)R.KUPPUSWAMY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to insecticidal compositions comprising a combination of Indoxacarb and permethrin for a wide range of applications. The invention of also relates to the application of this combination formulations as Indoor Residual Spray.

No. of Pages : 10 No. of Claims : 2



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3857/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :09/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD OF PRODUCING THIAMETHOXAM

(51) International classification	:A01N	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)TAGORE CHEMICALS INDIA LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :JHAVAR CENTRE, RAJAH
(33) Name of priority country	:NA	ANNAMALAI BUILDING, IVTH FLOOR, 72, MARSHALL'S
(86) International Application No	:NA	ROAD, EGMORE, CHENNAI - 600 008 Tamil Nadu India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)RAJAJIAH SRIKRISHNAN</b>
(61) Patent of Addition to Application Number	:NA	<b>2)M.DAMODIRAN</b>
Filing Date	:NA	<b>3)R.KUPPUSWAMY</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a process for the preparation of a compound of formula I in the presence of a base with a compound of formula II and a compound of formula III

No. of Pages : 8 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3858/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :09/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF 3,4'-DICHLORODIPHENYL ETHER

(51) International classification	:A01N	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)TAGORE CHEMICALS INDIA LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :JHAVAR CENTRE, RAJAH
(33) Name of priority country	:NA	ANNAMALAI BUILDING, IVTH FLOOR, 72, MARSHALL'S
(86) International Application No	:NA	ROAD, EGMORE, CHENNAI - 600 008. Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)RAJAJIAH SRIKRISHNAN</b>
(61) Patent of Addition to Application Number	:NA	<b>2)M.DAMODIRAN</b>
Filing Date	:NA	<b>3)R.KUPPUSWAMY</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a novel process for preparing 3,4'-divhlorophenyl ether which is a potential intermediate in the pharmaceutical and crop protection industry especially for the preparation of Difenconazole, a systemic fungicide with a novel broad-range activity protecting the yield and crop quality by foliar application or seed treatment.

No. of Pages : 8 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.386/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : SPATIAL AND SHAPE CHARACTERIZATION OF AN IMPLANTED DEVICE WITHIN AN OBJECT

(51) International classification :A61B  
(31) Priority Document No :61/219918  
(32) Priority Date :24/06/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/052725  
Filing Date :17/06/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
**2)THE REGENTS OF THE UNIVERSITY OF  
COLORADO A BODY CORPORATE CONTRACTING  
FOR AND ON BEHALF OF THE UNIVERSITY OF  
COLORADO HEALTH SCIENCES CENTER**  
(72)Name of Inventor :  
**1)NEUBAUER Anne M.**  
**2)GRASS Michael**  
**3)CARROLL John D.**  
**4)CHEN Shiuh-Yung**

(57) Abstract :

It is described a method for spatially characterizing a device positioned within an object e.g. a patient<sup>TM</sup>s body under examination that e.g. allows a clinician to easily assess the deployment state and position of the device. The method comprises the steps of acquiring (26) a set of images of the device reconstructing (28) a three-dimensional model of the device from the set of images comparing (30) the model of the device with an ideal model of the device in a predetermined deployment state inside the object and displaying (36) the model of the device on a display unit. For optical indication deviation areas of the deployed device relative to an ideal model of the deployed device can be determined and color-coded depending on the strength of deviation.

No. of Pages : 17 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.381/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHODS AND APPARATUS FOR DETECTING A FALL OF A USER

(51) International classification	:G01N	(71)Name of Applicant :
(31) Priority Document No	:200910150845.8	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:23/06/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:China	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/052525	(72)Name of Inventor :
Filing Date	:08/06/2010	1)JIN Sheng
(87) International Publication No	: NA	2)CHEN Ningjiang
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to methods and apparatus for detecting a fall of a user especially to methods and apparatus for detecting a fall of a user by using pressure sensors. This invention 5 discloses an apparatus for detecting a fall of a user, and the apparatus comprises first and second pressure sensors configured to obtain first and second data values of atmosphere pressure and intended to be worn on the body of the user, and a processor configured to derive a third data value of atmosphere pressure for determining whether a fall occurs or not from the first and second data values of atmosphere pressure. The first and second pressure sensors are configured 10 in a way such that preset orientations of the first and second pressure sensors are opposite to each other. In this way, the weight of measuring elements comprised in the first and second pressure sensors have opposite effects on the measured atmosphere pressure, and thus() the measurement error caused by pressure sensor orientation variation can be reduced or even eliminated. 15

No. of Pages : 30 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.387/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : LIGHT THERMOSTAT

(51) International classification :A61B  
(31) Priority Document No :09163663.9  
(32) Priority Date :24/06/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/052826  
Filing Date :22/06/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)Name of Inventor :  
**1)LASHINA Tatiana Aleksandrovna**  
**2)BEREZHNYY Igor**  
**3)SCHLANGEN Lucas Josef Maria**  
**4)BAALJENS Johannes Petrus Wilhelmus**  
**5)POORT Simone Helena Maria**

(57) Abstract :

A basic idea of the invention is to use different properties of light (101) such as e.g. intensity and color temperature to influence physiological thermoregulating parameters of a vertebrate (102) for example a human being being exposed to the light. At least one particular physiological thermoregulating parameter (e.g. skin temperature) of an individual is being measured and supplied to a controller (103) for comparison with a desired target value of the measured parameter. The property of light can then be adjusted to regulate the actual value of the thermoregulating parameter of the individual being exposed to the light. Thus a dynamic device (100) for influencing the thermoregulation of an individual by using different properties of light is provided.

No. of Pages : 19 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3870/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :11/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : FIXED WIRELESS PHONE ARRANGEMENTS

(51) International classification	:H04M	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)SOMASUNDARAM RAMKUMAR</b>
(32) Priority Date	:NA	Address of Applicant :OLD NO.15/2, NEW NO.28, SOUTH
(33) Name of priority country	:NA	STREET, TALLAKULAM, MADURAI - 625 002 Tamil Nadu
(86) International Application No	:NA	India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)SOMASUNDARAM RAMKUMAR</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A fixed wireless phone system comprising a provision for sending and / or receiving the SMS, MMS, FAX, E-MAIL and other communication messages, a provision for caller ID, a provision for speaker and microphone of the fixed wireless phone set, a provision for integrated memory socket for accepting memory card and/or integrated chips to record and store messages and music, a provision of radio and/or internet radio, a provision of Bluetooth, a provision of camera, a provision of Wi-Fi, a provision of video call, a provision for code comparer to block the unwanted and to receive the wanted SMS, MMS, E-mail, phone calls, fax messages, voice mail and other mode of communication characterized in that wherein the above said functions can be operated by the power supply obtained by the external power supply in a fixed wireless phone and also can be operated with Integrated Chips within low power consumption obtained from the battery of the fixed wireless phone and also a provision for switching ( Switch ON / OFF) the ringer section in a fixed wireless phone.

No. of Pages : 22 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3871/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :11/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A DEVICE AND METHOD FOR SUPPLYING AIR TO AN ENGINE

(51) International classification	:F02D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BOSCH LIMITED
(32) Priority Date	:NA	Address of Applicant :POST BOX NO 3000, HOSUR
(33) Name of priority country	:NA	ROAD, ADUGODI, BANGALORE - 560 030 Karnataka India
(86) International Application No	:NA	2)ROBERT BOSCH GMBH
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PRADEEP R
(61) Patent of Addition to Application Number	:NA	2)PRAMOD R
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a device for supplying air to an engine. A throttle valve (12) is positioned in an air path (10) connecting the air inlet to the engine. A bypass path (14) connects one side of the throttle valve (12) to the other side of the throttle valve (12). The bypass path (14) is provided with a bypass valve (16) to vary the opening of the bypass path (14). A controller (18) is adapted to control the opening of the bypass valve (16) when said throttle valve (12) is open based on power or torque requirements of the engine. Thus, opening of the bypass valve (16) when the throttle valve (12) is open will help to achieve power or torque requirements of the engine.

No. of Pages : 13 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3624/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :21/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SMILLED SPLINE APPARATUS AND SMILLING PROCESS FOR MANUFACTURING THE SMILLED SPLINE APPARATUS

(51) International classification	:F16D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:13/099,080	<b>1)FAIREIELD MANUFACTURING COMPANY, INC.</b>
(32) Priority Date	:02/05/2011	Address of Applicant :US ROUTE 52 SOUTH,
(33) Name of priority country	:U.S.A.	LAFAYETTE, INDIANA 47903 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)PHEBUS, DAN E.</b>
(87) International Publication No	: NA	<b>2)HAYWARD, WILLIAM H.</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

By combining shaping and milling actions, or smilling, the cutting tool can move through the entire usable portion of the spline and machine a tool relief into the face of the adjacent feature such as a shoulder before retracting, reversing direction, and repeating the cycle. The smilling apparatus and manufacturing method eliminates the need for an annular spline relief and the full length of spline engagement can be utilized for strength. The effective width of the spline connection apparatus manufactured by the smilling process conserves space and increases the load carrying capability of the spline connection.

No. of Pages : 88 No. of Claims : 45



(12) PATENT APPLICATION PUBLICATION

(21) Application No.388/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : ELECTRONIC BALLAST FOR A FLUORESCENT LAMP

(51) International classification	:H05B	(71)Name of Applicant :
(31) Priority Document No	:09163635.7	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:24/06/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/052730	(72)Name of Inventor :
Filing Date	:17/06/2010	<b>1)ZWERVER Hendrik Jan</b>
(87) International Publication No	: NA	<b>2)BLANKERS Hendrik Jan</b>
(61) Patent of Addition to Application Number	:NA	<b>3)SHET Deepak</b>
Filing Date	:NA	<b>4)VOS Lucas</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An electronic ballast for supplying a lamp load is described. The electronic ballast comprises an inverter arranged in a half-bridge configuration for providing an AC voltage and at least one lamp load circuit. The inverter comprises an upper switch connected to a DC terminal for receiving a DC supply voltage and a first lower switch arranged in a half-bridge configuration for generating an AC voltage at an inverter terminal of the inverter. A first diode and a second lower switch are connected in series.

No. of Pages : 27 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3884/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :11/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : TIMED-RELEASE COMPRESSION-COATED TABLET COMPOSITION FOR CHRONOTHERAPY OF HYPERTENSION

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)MANIPAL UNIVERSITY</b>
(32) Priority Date	:NA	Address of Applicant :MANIPAL - 576 104 Karnataka India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)USHA YOGENDRA NAYAK LECTURER</b>
Filing Date	:NA	<b>2)NAYANABHIRAMA UDUPA</b>
(87) International Publication No	: NA	<b>3)PURSHOTTAM DAS GUPTA</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

According to this invention, there is provided a timed-release compression-coated tablet composition, for chronotherapy of hypertension, comprising (i) an active agent (drug) selected from antihypertensives preferably from angiotensin receptor blockers such as irbesartan, telmisartan, valsartan and losartan and (ii) an inactive ingredients containing (a) disintegrant, such as sodium starch glycolate, croscarmellose sodium, crospovidone, preferably crospovidone; (b) filler from micro crystalline cellulose, lactose, sucrose, glucose, mannitol, sorbitol, calcium carbonate, and magnesium stearate, preferably micro crystalline cellulose; (c) lubricant from minerals like talc or silica, and fats, like vegetable stearin, magnesium stearate or stearic acid; and (d) glidant of directly compressible grade from colloidal silicon dioxide, talc, and magnesium carbonate; surrounded by natural or synthetic polymer layer, containing either hydrophilic or hydrophobic polymers selected from guar gum, Xanthan gum, pectin, gellan gum, sodium alginate, polyethylene oxide, ethyl cellulose; and a wicking agent swellable or non swellable preferably non swellable such as sodium lauryl sulfate, colloidal silicon dioxide, low molecular weight polyvinylpyrrolidone and lactose preferably lactose.

No. of Pages : 35 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3885/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :12/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD FOR ASSIGNING FREQUENCY SUBBANDS TO A PLURALITY OF INTERFERING NODES IN A WIRELESS COMMUNICATION NETWORK&NBSP; CONTROLLER FOR A WIRELESS COMMUNICATION NETWORK AND WIRELESS COMMUNICATION NETWORK

(51) International classification	:H04W	(71)Name of Applicant :
(31) Priority Document No	:10191248.3	<b>1)NTT DoCoMo INC.</b>
(32) Priority Date	:15/11/2010	Address of Applicant :SANN PARK TOWER 36th Floor
(33) Name of priority country	:EPO	11-1 Nagata-cho 2-chome Chiyoda- Ku 100-6150 Tokyo
(86) International Application No	:NA	Japan
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)AUER Gunther</b>
(61) Patent of Addition to Application Number	:NA	<b>2)UYGUNGELEN Serkan</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method assigns frequency subbands to a plurality of interfering nodes in a wireless communication network wherein the number of subbands assigned to a node depends on the interference condition of the node wherein as the node faces less interference it is assigned more subbands.

No. of Pages : 52 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3886/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :13/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A methodology as well as software application to determine the best way to alter content/write new content for a website so that the page containing the modified/new content ranks high in search engine rankings.

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Arvind IK Chari
(32) Priority Date	:NA	Address of Applicant :273 5th Cross 9th Main RBI
(33) Name of priority country	:NA	Layout JP Nagar 7th Phase India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Arvind IK Chari
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Search Engines use a variety of factors to determine the search ranking of a website. This methodology/application provides a clear and concise approach to ~optimising™ the content ie changing the content/writing new content that follows this approach. This is useful in On-Page Search Engine Optimisation• ie the process of making changes to a website that result in higher search engine rankings for a website. The method does not describe changes to be made to the site not related to the content itself which is called Off-Page Optimisation• .

No. of Pages : 7 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3481/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :10/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : BELT CLEANING SYSTEM FOR LASER CUTTING DEVICE

(51) International classification	:B65G	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:12/902637	<b>1)XEROX CORPORATION</b>
(32) Priority Date	:12/10/2010	Address of Applicant :45 GLOVER AVENUE, P.O. BOX
(33) Name of priority country	:U.S.A.	4505, NORWALK CONNECTICUT 06856-4505 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)DEREK A. BRYL</b>
(87) International Publication No	: NA	<b>2)RICHARD P. FICARRA</b>
(61) Patent of Addition to Application Number	:NA	<b>3)GORDON B. REID</b>
Filing Date	:NA	<b>4)THOMAS C. MCGRAW</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A belt cleaning system to clean the carrier surface of a conveyor belt. The system includes a roller assembly and a liquid supply subsystem. The roller assembly includes a cleaning web composed of a hydroscopic material and a roller to bias the cleaning web into rotating contact with the conveyor belt carrier surface. The liquid supply subsystem provides a cleaning liquid to the cleaning web.

No. of Pages : 13 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3894/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AUTOMATIC SQUAT, UPPER AND LOWER ABB CRUNCH AND HIP TWISTER MACHINE

(51) International classification	:A63B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)SERAN VENKAJESH</b>
(32) Priority Date	:NA	Address of Applicant :NO.7, IST CROSS STREET,
(33) Name of priority country	:NA	KAMACHI COLONY, TAMBARAM SANITORIUM,
(86) International Application No	:NA	CHENNAI - 47. Tamil Nadu India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)SERAN VENKAJESH</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a system to perform plurality of muscular exercises automatically using a device to effect mechanical motion and at least one exercising machine. The device is a known pneumatic/ hydraulic device comprising of single or double action cylinder piston used as .zero resistance. At least one five port or three port solenoid valve is connected to the device and to a cylinder piston of the device. The cylinder piston is connected to the exercising machine. The exercising machine includes squat, upper abb crunch, lower abb crunch and hip twister machine to workout squat, upper abb crunch, lower abb crunch and hip twisting exercise automatically and easily with less effort. Advantageously, the present invention provides benefit to normal persons and particularly to old age persons, extra obese person and neurologically impaired persons.

No. of Pages : 21 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3896/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD OF CONTROLLING TUBE LOADING APPARATUS IN A TEXTILE MACHINE

(51) International classification	:D01H	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LAKSHMI MACHINE WORKS LTD
(32) Priority Date	:NA	Address of Applicant :PERIANAICKENPALAYAM,
(33) Name of priority country	:NA	COIMBATORE 641 020 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)NARAYANASWAMY KRISHNAKUMAR
(87) International Publication No	: NA	2)SRINIVASAN RAJASEKARAN
(61) Patent of Addition to Application Number	:NA	3)JAYAGOPAL DHARANIPATHI
Filing Date	:NA	4)PURUSOTHAMAN SURESH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a new and improved method of controlling the bobbin tube loading apparatus (1) of an auto doffer ring spinning and twisting machine, said apparatus comprising: tube catching zone (A), tube delivering zone (B) and tube loading zone (C), wherein the said zones (A,B,C) are provided with sensors (13a, 13b, 14a, 14b, 15a, 15b) at specific locations to sense the bobbins (4).

No. of Pages : 19 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.39/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :03/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : FUEL INJECTION DEVICE

(51) International classification	:H01L	(71)Name of Applicant :
(31) Priority Document No	:2011-002319	1)DENSO CORPORATION
(32) Priority Date	:07/01/2011	Address of Applicant :1-1, SHOWA-CHO, KARIYA-CITY,
(33) Name of priority country	:Japan	AICHI-PREF., 448-8661 Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)YAMASHITA, TSUKASA
(87) International Publication No	: NA	2)ADACHI, NAOFUMI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A fuel injection device (10) includes a cylinder (80) that defines a pressure chamber (34) at an end portion of a nozzle needle (90). A floating plate (100) as a control member is placed in the cylinder (80). A cutout portion (105) and multiple grooves (106) are formed in the floating plate. The cutout portion and the grooves causes a gap between a large-diameter inner circumferential surface (81) and an outer circumferential surface (102) to communicate with the pressure chamber. The cutout portion (105) and the grooves (106) reduce a contact surface portion between the cylinder (80) and the floating plate (100) and divide the contact surface portion into multiple island portions. As a result, it is possible to reduce the contact surface portion.

No. of Pages : 58 No. of Claims : 14



(12) PATENT APPLICATION PUBLICATION

(21) Application No.390/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :01/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : WATCH BRACELET WITH CERAMIC LINKS

(51) International classification :A44C  
(31) Priority Document No :11153173.7  
(32) Priority Date :03/02/2011  
(33) Name of priority country :EPO  
(86) International Application No :NA  
Filing Date :NA  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)MONTRES RADO SA**  
Address of Applicant :Bielstrasse 45 CH-2543 Lengnau  
Switzerland  
**2)Comadur S.A.**  
(72)**Name of Inventor :**  
**1)BOLZT SÁbastien**  
**2)BOUCARD Sylvain**  
**3)VERDON Christian**  
**4)GEISER Alain**

(57) Abstract :

Housing insert (2) for a connecting piece (3) of a ceramic link (1) for a bracelet (1000) of the type including a first housing (4) for receiving a connecting piece (3) having at least one end (9). It includes an external machined portion (6) arranged to cooperate with said first housing (4) and an internal machined portion (7) including at least one substantially cylindrical shoulder (8) arranged to closely receive an end (9) of a connecting piece (3) and having a smaller diameter than that of said end (9). Equipped link (10) including a link (1) of this type and an insert (2) of this type fixed in said first housing (4). Bracelet (1000) including a plurality of equipped lateral (13) links (10) into which removably mounted connecting pieces (3) are driven. Bracelet (1000) including intermediate links (14) assembled to pivot freely relative to said connecting pieces (3) or relative to pins (12) pivotably mounted in said equipped links (10).

No. of Pages : 23 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3723/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :31/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : MULTI-SPECTRAL IP CAMERA

(51) International classification	:G06T	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SERIAL INNOVATIONS INDIA PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :SHIVALAYA 1ST FLOOR, 104,
(33) Name of priority country	:NA	17TH C MAIN, 5TH CROSS, 5TH BLOCK,
(86) International Application No	:NA	KORAMANGALA, BANGALORE - 560 095 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ANKIT KUMAR
(61) Patent of Addition to Application Number	:NA	2)SUDEEP GEORGE
Filing Date	:NA	3)ARVIND LAKSHMIKUMAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A device according to various embodiments receives two input images, enhances them, aligns them, fuses them, and encodes them as part of a video stream. In various embodiments, the use of certain algorithms enables efficient utilization and minimization of hardware, and results in a light-weight device.

No. of Pages : 37 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3724/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :31/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : MULTI-SENSOR IP CAMERA WITH EDGE ANALYTICS

(51) International classification	:G03B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SERIAL INNOVATIONS INDIA PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :SHIVALAYA 1ST FLOOR, 104,
(33) Name of priority country	:NA	17TH C MAIN, 5TH CROSS, 5TH BLOCK
(86) International Application No	:NA	KORAMANGALA, BANGALORE - 560 095 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ANKIT KUMAR
(61) Patent of Addition to Application Number	:NA	2)SUDEEP GEORGE
Filing Date	:NA	3)ARVIND LAKSHMIKUMAR
(62) Divisional to Application Number	:NA	4)PRASHANT ALLADA AND SRIDHAR IYENGAR
Filing Date	:NA	

(57) Abstract :

A device according to various embodiments receives two input images, enhances them, aligns them, fuses them, performs video analytics on the fused images, and encodes the images as part of a video stream that includes analytics meta data. In various embodiments, the use of certain algorithms enables efficient utilization and minimization of hardware, and results in a light-weight device. In various embodiments, the computation and inclusion of video analytics data lessens the burden on a network control center.

No. of Pages : 44 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3725/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :31/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND APPARATUS FOR PROVIDING ITEMS USING TONE-BASED IDENTIFIERS

(51) International classification	:H04M	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)NOKIA CORPORATION</b>
(32) Priority Date	:NA	Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo
(33) Name of priority country	:NA	Finland
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)Dhaval Jitendra Joshi</b>
(87) International Publication No	: NA	<b>2)Ari Antero Aarnio</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An approach is provided for providing items using e.g. tone-based identifiers. The tone-based platform causes, at least in part, an association of one or more identifiers with one or more items of an online store, wherein the one or more identifiers are compatible with at least one voice-based communication portal, and wherein the at least one voice-based communication portal supports an entry of one or more operations with respect to the one or more items based, at least in part, on the one or more identifiers.

No. of Pages : 56 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3726/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :31/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : TELEMEDICINE SYSTEM FOR UNIFIED HEALTHCARE MANAGEMENT

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)KTWO TECHNOLOGY SOLUTIONS</b>
(32) Priority Date	:NA	Address of Applicant :NORTH BLOEK, 1ST FLOOR, IT
(33) Name of priority country	:NA	PARK, RAJAJINAGAR INDUSTRIAL ESTATE
(86) International Application No	:NA	BANGALORE - 560 044 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)KOPPAR ANANT RAMRAO</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a Telemedicine system and method for remote monitoring of patients. The system comprises a patient-side device to collect the physiological data from the patients, provider-side device in order to receive the data from the patient-side device via network connection. The system also comprises a server which manages the transmission of data from the patient-side device to the provider-side device.

No. of Pages : 14 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3728/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :31/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AUTOMATED RECONCILIATION OF PAYROLL AND TAX REPORTS

(51) International classification	:G06Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SAP AG
(32) Priority Date	:NA	Address of Applicant :Dietmar-Hopp-Allee 16 D-69190
(33) Name of priority country	:NA	Walldorf Germany.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Sreesha M.
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure involves systems software and computer implemented methods for reconciliation of payroll and tax reports. Multiple reports generated by a country-specific tax reporting system are received. The reports include common data that is common to the multiple reports. Each report includes specific data that is specific to a respective report. The common data are identifier. In response to receiving a query from a reconciliation system to reconcile the data in a tax report and in a payroll report specific data that is specific to the tax report is identified. The common data and the specific data are provided to the reconciliation system in response to receiving the query.

No. of Pages : 29 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3912/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :15/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : TEXTILE STRUCTURE RESISTANT TO THE IMPACT OF BULLETS AND TO THE PENETRATION OF SHARP AND/OR POINTED ELEMENTS AND RELATIVE PRODUCTION METHOD.

(51) International classification	:C02F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SOCIETA' PER AZIONI FRATELLI CITTERIO
(32) Priority Date	:NA	Address of Applicant :REPUBLIC OF C. CATTENEO, 10,
(33) Name of priority country	:NA	MONZA (MB) Italy
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CITTERIO, GIORGIO CELESTE
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a textile structure resistant to the impact of projectiles (bullet-proof) and to the penetration of sharp and/or pointed elements, at least partially produced with ballistic yarns, said textile structure being at least partially impregnated with a polycarbonate-based resin, in the form of a copolymer or in a mixture with other polymers, dissolved in a solvent, and having a thickness at least 10% lower than the thickness corresponding to its weaving phase. The present invention also relates to a method for the production of a textile structure resistant to the impact of projectiles and to the penetration of sharp and/or pointed elements, comprising the phases consisting in forming a textile structure at least partially produced with ballistic yarns; at least partially impregnating said textile structure with a polycarbonate-based resin, in the form of a copolymer or in a mixture with other polymers, dissolved in a solvent; eliminating the solvent used for the solution from the impregnated textile structure; pressing the impregnated textile structure deprived of the solvent until a reduction in the thickness of at least 10% of the thickness in the forming phase, is obtained.

No. of Pages : 26 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2229/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : PICRORHIZA KURROA EXTRACT FOR PREVENTION ELIMINATION AND TREATMENT OF DNA BASED VIRUSES IN HUMANS AND IN BIOTECH INDUSTRY

(51) International classification :A61K36/00  
(31) Priority Document No :1917/CHE/2009  
(32) Priority Date :12/08/2009  
(33) Name of priority country :India  
(86) International Application No :PCT/IN2010/000534  
Filing Date :11/08/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)Medasani Munisekhar**  
Address of Applicant :S-1 Plot# 31B Vimal Road #5  
Jubilee Hills Hyderabad-500033 Andhra Pradesh INDIA.  
(72)**Name of Inventor :**  
**1)Medasani Munisekhar**  
**2)DIVI Satyasayee Babu**

(57) Abstract :

Extract of picrorhiza kurroa plants and a process for making the same are disclosed. The extract has strong anti-viral action against both DNA and RNA-based viruses and also against bacterial fungal and protozoan microorganisms. Said extract essentially comprises the lipophilic compounds occurring in the scrophulariaceae family of plants in particular the terpenes and fatty acids thereof. The extract may additionally contain other said lipophilic compounds and the aglycons of the glycosides occurring in said family of plants. Several extraction solvents have been disclosed

No. of Pages : 25 No. of Claims : 28



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3922/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :16/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : THEFT SECURITY APPARATUS FOR AUTOMOBILES

(51) International classification	:B60R	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)DANIEL T. DAVY</b>
(32) Priority Date	:NA	Address of Applicant :THOLATH HOUSE, PATTAMBI
(33) Name of priority country	:NA	ROAD, KUNNAMKULAM P.O., THRISUR - 680 503 Kerala
(86) International Application No	:NA	India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)DANIEL T. DAVY</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A security device for automobiles with a control unit which emits laser beam and receives a laser beam. It has an external tube with internal diameter 10mm. There is an internal tube with internal diameter 4mm. The external part of the internal tube is coated with reflecting material like chromium or stainless steel. The internal side of the external tube is also coated with chromium or stainless steel. Internal tube is fitted inside the external tube. Internal tube has an LDR at one end. At the same end of the external tube has 8 LDRs. The three L shaped reflector clamps are to reflect the laser beam emitted from the laser emitter in the control unit. They reflect the laser beam towards the LDR of the internal tube of the receiver of the control unit to make the relay switch on and thus the siren to produce warning signal. This security system provides total theft security to automobiles and its accessories as it over comes all the shortcomings of the present security systems. As it is of low cost it is affordable to any automobile owner.

No. of Pages : 9 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3928/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :16/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A MULTI-LINGUAL USER INTERFACE

(51) International classification	:G06F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)TACHYON TECHNOLOGIES P LTD</b>
(32) Priority Date	:NA	Address of Applicant :# 40 4th Floor 24th Main 7th Cross
(33) Name of priority country	:NA	JP Nagar 2nd Phase Bangalore 560078 Karnataka India
(86) International Application No	:NA	Punjab India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)RAM PRAKASH HANUMANTHAPPA</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Embodiment of the present disclosure provides a user interface comprising a keypad interface, a gesture interface, a predictive display interface and a target display interface. The keypad interface comprises first set of keys and second set of keys. Each key in the first set of keys comprises plurality of phonetically similar characters and each key in the second set of keys comprises one or more phonetically un-similar characters. The gesture interface configured to draw one or more modifiers on at least one character, wherein the at least one characters are displayed on the gesture interface when a user enters at least one character by pressing at least one of the first and second set of keys. The predictive display interface displays at least one of one or more predicted letters and one or more predicted words for the entered characters. The target display interface configured to display the entered characters and to facilitate the user to construct conjuncts by pinching plurality of displayed characters.

No. of Pages : 29 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3929/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :16/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : DECORATIVE ARTICLE MADE OF STAINLESS STEEL WIRES

(51) International classification	:D03D 13/00	(71)Name of Applicant : <b>1)NISHA MATHEW GHOSH</b>
(31) Priority Document No	:NA	Address of Applicant :NO: 2, TEMPLE TREES ROW,
(32) Priority Date	:NA	SRINIVAGILU EXTENSION 1 CROSS, VIVEKNAGAR P.O.,
(33) Name of priority country	:NA	BANGALORE - 560 047 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)NISHA MATHEW GHOSH</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A woven stainless steel article of a predefined shape, said article comprising of atleast a wire woven in a three dimensional pre designed pattern, said wire being made of stainless steel and are of predetermined diameter and length chosen according to said design pattern.

No. of Pages : 17 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2962/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :31/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : PRESSURE SUPPORT SYSTEM WITH INDUCTIVE TUBING

(51) International classification :A61M16/08

(31) Priority Document No :61/255651

(32) Priority Date :28/10/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2010/054368

Filing Date :28/09/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

**1)SOFRANKO Richard Andrew**

(57) Abstract :

A pressure support system (138) includes a gas flow generating system (112) a patient interface device (140) and a tubing (142). The s flow generating system includes a gas source (124) a controller (144) and a first inductive coil. The patient interface device (140) includes a second inductive coil (148) and an input element. The tubing is disposed between the flow generating system and the patient interface device to carry a flow of gas from the gas source o to the patient interface device. The tubing includes a third inductive coils (152) structured to transmit power and/or a signal between the first inductive coil of the pressure support system controller and the second inductive coil of the patient interface device.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2963/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :31/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND DEVICE FOR SELECTING EXERCISES

(51) International classification :G06F19/00  
(31) Priority Document No :200910174414.5  
(32) Priority Date :28/10/2009  
(33) Name of priority country :China  
(86) International Application No :PCT/IB2010/054604  
Filing Date :12/10/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application  
Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)O<sup>TM</sup>PRINSEN Anouk Charlotte**  
**2)CHEN Xi**

(57) Abstract :

To provide a fast and systematic selection of exercises for a training plan of a user the invention proposes a method and device for selecting exercises each of a plurality of exercises (E1 to E5) being associated with a set of characteristics and each characteristic of the set of characteristics being associated with a set of categories (C1 and C2) for classifying the plurality of exercises the method comprising the steps of: A. selecting according to input reflecting answers to a first set of questions related to a given characteristic among said set of characteristics a subset of categories (C1) from a set of categories (C1 and C2) which is associated with said given characteristic wherein said answers to the first set of questions reflect information of said user; B.determining a set of exercises based on said selected subset of categories (C1). The method takes each category as a whole and selects proper categories, and then determines proper exercises 15 from the exercises in the determined proper categories. The present invention enables the proper exercises to be obtained faster and more systematically as compared to selecting the proper exercise from a number of exercises by checking them one by one.

No. of Pages : 25 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2964/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :31/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : GARMENT FOR TUBING MANAGEMENT

(51) International classification :A41D13/12

(31) Priority Document No :61/255585

(32) Priority Date :28/10/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2010/054370

Filing Date :28/09/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

**1)MATULA JR. Jerome**

**2)ANDREWS Derrick Blake**

**3)STARTARE Anthony Vincent**

(57) Abstract :

A garment (10) having a tubing management system (14) incorporated therein is provided. The tubing management system includes at least one conduit (50) and a coupling system (30) for the conduit. The coupling system has at least one coupling point (32) which is located for example at the neck opening (20) of the garment. The coupling system defines a path for the conduit i.e. there is more than one attachment point therefore the path of the conduit may be controlled. In this configuration the conduit moves with the user and as such there is a reduced chance that the user's movements even while asleep will cause the facemask (4) to be pulled from its proper position.

No. of Pages : 25 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2965/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :29/08/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : FRONT STRUCTURE FOR MOTORCYCLE

(51) International classification	:B62K	(71)Name of Applicant :
(31) Priority Document No	:2010-194972	1)HONDA MOTOR CO., LTD.
(32) Priority Date	:31/08/2010	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO -KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)YAOKAWA, TETSUO
Filing Date	:NA	2)TAKENAKA, HIROSHI
(87) International Publication No	: NA	3)MIKAMI, TAKAO
(61) Patent of Addition to Application Number	:NA	4)NAKAMURA, KEISUKE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In a motorcycle having a license plate mounted to a front section of a vehicle body, to provide a structure with which it is possible to avoid enlargement of a front cowl. [Solving Means] The motorcycle 10 has the license plate 3 8 mounted to the front section of the vehicle body. The motorcycle 10 includes the front cowl 36 mounted to a body frame 20 and disposed on the front side of the body frame 2 0 so as to surround the headlight 37, and a license plate stay 3 9 mounted to a bottom surface 54 of the front cowl so as to support the license plate 38. The front cowl bottom surface 54 is provided with a containing recess 71 for containing the license plate stay 39 therein. A lower surface 55 of the front cowl and a lower surface 56 of the license plate stay are substantially flush with each other.

No. of Pages : 42 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3676/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :27/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : ANTI PIRACY TECHNIQUE

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MR. GIRISH CHANDRA KUMAR
(32) Priority Date	:NA	Address of Applicant :NO.30, 1ST CROSS,
(33) Name of priority country	:NA	GNANABHODINI ROAD, RAMAJYOTHI NAGAR, R.V.C.E.
(86) International Application No	:NA	POST, KENGERI, BANGALORE - 560 059 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MR. GIRISH CHANDRA KUMAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention proposes a way to stop piracy for all digital media, this system proposes to have each player/software to have a unique ID, and get the media which is such that it can be used only in the player with the given ID. So nobody/no other players can use it. Also this scheme proposes implementation of Digital Rights Management (DRM), by having a header to media files, and the player can save the header data in its hidden file, and act according to the header data, so as to implement DRM functionalities.

No. of Pages : 7 No. of Claims : 7



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3677/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :27/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : IDENTIFYING CUSTOM RENDEZVOUS POINTS BETWEEN USERS AND VEHICLES PLYING ON CUSTOM ROUTES

(51) International classification

:H04L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)TECHNO MEDIA SOFTWARE SOLUTIONS**

**PRIVATE LIMITED**

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OPP BEML HOSPITAL, GM PALYA, BANGALORE,  
KARNATAKA, INDIA. PIN - 560 075

(72)Name of Inventor :

**1)JOYDEEP ROY CHOUDHURY**

(57) Abstract :

An aspect of the present invention facilitates identification of custom rendezvous points between users and vehicles plying on custom routes. In one embodiment, a system on board the vehicle receives notifications from users while the vehicle is plying/in transit on the custom route. The system determines the respective transit states (capturing the static and/or dynamic aspects) of the vehicle corresponding to the notifications. The system then inspects the transit states to identify the rendezvous points between the users and the vehicle plying on the custom route. The users by providing the notifications at different time instances (that is, when the vehicle is at different locations/ points on the custom route) can cause different custom rendezvous points to be identified based on the preferences of the users using the vehicle.

No. of Pages : 58 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3679/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :27/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : VEHICLE REAR MONITOR

(51) International classification	:B60R	(71)Name of Applicant :
(31) Priority Document No	:2011-047203	<b>1)HONDA ACCESS CORP.</b>
(32) Priority Date	:04/03/2011	Address of Applicant :8-18-4, NOBIDOME, NIIZA-SHI,
(33) Name of priority country	:Japan	SAITAMA-352-8589 Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)TAKAMATSU, YOSHITO</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

There is provided a vehicle rear monitor displaying an image suitable for backing a vehicle, without requiring a switching operation. A rear camera mounted on a vehicle captures an image of a rear side of the vehicle, such image being processed to generate a top-down or perspective view displayed on an image output unit. The vehicle rear monitor comprises an image display control unit for setting a displayed image. When a gear detection unit has detected that a back gear is selected through a transmission, an image switching unit allows a predetermined top-down or perspective view to be displayed on the image output unit. When the gear detection unit has detected that the back gear is again selected after being thrown out, the image switching unit allows the image output unit to display the top-down or perspective view displayed before the back gear is thrown out, or a desired view.

No. of Pages : 19 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3940/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :17/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : CONTROL VALVE FOR PRESSURE REDUCTION•

(51) International classification	:B01D 33/00
(31) Priority Document No	:102010062195.1
(32) Priority Date	:30/11/2010
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)Krones AG**  
Address of Applicant :BÄhmerwaldstrasse 5 93073  
Neutraubling Germany  
(72)**Name of Inventor :**  
**1)Volker RICHTER**  
**2)Torsten RUNGE**

(57) Abstract :

Control valve (1) for pressure reduction in particular for liquids containing solids with an inlet (3) and an outlet (4) and a channel between the inlet (3) and outlet (4). According to the invention the channel is formed as an elastic through-flow channel (5) with a free line cross section which can be reduced along its longitudinal axis (L) over an extended line section (LA).

No. of Pages : 11 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3944/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :17/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR REMOTE MANAGEMENT OF MEDICAL DEVICES AND PATIENTS

(51) International classification	:H04L 12/00	(71) <b>Name of Applicant :</b> <b>1)INFOSYS LIMITED</b> Address of Applicant :PLOT NO. 44, ELECTRONICS CITY, HOSUR ROAD, BANGALORE 560 100 Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)MRUTHYUNJAYA, SUBRAHMANYA R.</b>
(87) International Publication No	: NA	<b>2)LAKSHMINARASIMHAN, SIVARAM</b>
(61) Patent of Addition to Application Number	:NA	<b>3)SHENOY, RASHMI</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system for remote management of patients and medical devices is provided. The system comprises one or more medical devices configured to measure one or more patient's health parameters. Further, the system comprises a personal health gateway configured to receive the one or more measured patient's health parameters. The personal health gateway further comprises a management module. Furthermore, the system comprises a public network configured to connect the one or more personal health gateways to a managed patient services platform. The managed patient services platform is configured to facilitate remote management of the one or more medical devices and patients. The managed patient services platform further comprises a management module. The system comprises a hospital system configured to facilitate one or more functionality of a healthcare facility. The management module facilitates medical device management and remote health management by embedding a healthcare protocol with a device management protocol.

No. of Pages : 69 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3640/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :24/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : LATERAL PIPE LINING METHOD AND LATERAL PIPE LINING APPARATUS

(51) International classification	:F16L	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-246061	<b>1)SHONAN GOSEI-JUSHI SEISAKUSHO K.K.</b>
(32) Priority Date	:02/11/2010	Address of Applicant :31-27, DAIKAN-CHO,
(33) Name of priority country	:Japan	HIRATSUKA-SHI, KANAGAWA-KEN, 254-0807 Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)KAMIYAMA TAKAO</b>
(87) International Publication No	: NA	<b>2)KANETA KOJI</b>
(61) Patent of Addition to Application Number	:NA	<b>3)FUJII KENJI</b>
Filing Date	:NA	<b>4)TANAKA FUMINORI</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A main pipe is lined by a main pipe lining material comprising a resin pipe made of a thermoplastic resin. A flange of a lateral pipe lining material is formed of a material capable of being welded to the thermoplastic resin of the resin pipe of the main pipe lining material. The thermoplastic resins of the flange of the lateral pipe lining material and the resin pipe are heated for plastic welding by a heater to integrally join the flange of the lateral pipe lining material with the main pipe lining material. This prevents the ingress of underground water together with sediment into the main pipe from the section where the lateral pipe and the main pipe intersect.

No. of Pages : 53 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3641/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :24/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : MUDCRAB HATCHERY TECHNOLOGY

(51) International classification	:A01K61/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)RAJIV GANDHI CENTRE FOR AQUACULTURE</b>
(32) Priority Date	:NA	Address of Applicant :(MPEDA, MINISTRY OF
(33) Name of priority country	:NA	COMMERCE & INDUSTRY, GOVT OF INDIA), 3/197,
(86) International Application No	:NA	POOMPUHAR ROAD, KARAIMEDU VILLAGE,
Filing Date	:NA	SATTANATHAPURAM P.O., SIRKALI - 609 109,
(87) International Publication No	: NA	NAGAPATTINAM DISTRICT Tamil Nadu India
(61) Patent of Addition to Application Number	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)YOHANNAN CHELLAMMA THAMPI SAM RAJ</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved design and layout for hatchery seed production of mud crab species and process of production thereof. The layout encompassing various partitioned sections such as broodstock tanks, hatching tanks, larval rearing tanks, live feed tanks that includes rotifer tanks, algal tanks, artemia hatching tanks & artemia biomass tanks, live feed stock room, an aeration system and sea water reservoirs. The process of production of hatchery seed of mud crab species involves collection of broodstock, transportation of broodstock to the hatchery, quarantining of brooder crabs, maintenance of broodstock, selection of brooder for seed production, spawning, hatching, larval rearing, feed management, water management, monitoring of larvae and harvesting of crab instar.

No. of Pages : 18 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3645/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :24/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : CONTROLLER AND ADJUSTMENT WHEEL FOR CONTROLLER•

(51) International classification	:E05C	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:202011000283	<b>1)Stego-Holding GmbH</b>
(32) Priority Date	:08/02/2011	Address of Applicant :Kolpingstrasse 21 74523
(33) Name of priority country	:Germany	SchwÄbisch Hall Germany.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)Elmar Mangold</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Controller (2) having an adjustment wheel (8) which is rotatably supported about an axis (AD) in a housing (4) of the controller (2) whereby the adjustment wheel (8) has a first ring (20) with serrations on the circumference characterised in that the adjustment wheel (8) has a second ring (22) with serrations on the circumference whereby the first ring (20) is in latched engagement with a first spring-loaded latching element (33) and the second ring (22) is in latched engagement with a second spring-loaded latching element (34) and whereby the serrations of the first ring and the serrations of the second ring are arranged out-of-phase in particular in phase opposition.

No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3646/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :24/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A NOVEL MOTORISED WEED REMOVAL MACHINE

(51) International classification	:B07B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)NAVEEN KUMAR.G</b>
(32) Priority Date	:NA	Address of Applicant :S/O L.GIRIDHAR, #141 E.W.S
(33) Name of priority country	:NA	HOUSES, SEWAGE FARM ROAD, VIDYARANYAPURAM,
(86) International Application No	:NA	MYSORE - 570 008 Karnataka India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)NAVEEN KUMAR.G.</b>
(61) Patent of Addition to Application Number	:NA	<b>2)VINOD PALH.</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a machine arrangement for removal of weeds from soil. The machine comprises a top frame (24), a pair of plate means (3), a pair of shaft means (1) located in two rows of which the front/first row comprising shaft means driven by engine (30) and the next/second row comprising shaft which is non rotatable. The driven shaft means in the first row comprises plurality of cutter wheels (10, 16) coupled to said driven shaft such that movement of said cutter wheels corresponds to the movements of the driven shaft. The cutter wheel comprises plural teeth means (11, 17) profiled so that soils do not stick to the surface of the teeth during digging operation.

No. of Pages : 22 No. of Claims : 15



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3647/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :24/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A METHOD FOR IMPLEMENTING VCAT RECEIVER OVER SD NETWORK •

(51) International classification	:H04J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TEJAS NETWORKS LIMITED
(32) Priority Date	:NA	Address of Applicant :No. 58 1st Main Road J.P. Nagar
(33) Name of priority country	:NA	3rd Phase Bangalore-560078 Karnataka India Punjab India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Kanwar Jit Singh
(87) International Publication No	: NA	2)Venkata Suman Kumar
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure describes a scaleable design that implements the differential delay compensation required to implement Virtual Concatenation (VCAT) receiver. In one embodiment the received data is stored in external memory as fixed size blocks of data. The control information with each tributary is also stored in a separate memory. On the reception of data for all the members of a stream the reading of the external memory is initiated and interleaving of this data is performed based on the control information. Significant parts of the receiver are shared among several streams resulting in an efficient implementation.

No. of Pages : 27 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3741/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :01/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : COOLING DUCT STRUCTURE FOR BATTERY UNIT•

(51) International classification	:H01M	(71)Name of Applicant :
(31) Priority Document No	:2010-247355	1)SUZUKI MOTOR CORPORATION
(32) Priority Date	:04/11/2010	Address of Applicant :300 Takatsuka-cho Minami-ku
(33) Name of priority country	:Japan	Hamamatsu-shi Shizuoka-ken Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Tomokazu TAKEUCHI
(87) International Publication No	: NA	2)Kunihiro NITAWAKI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A cooling duct structure for a battery unit includes a cooling duct which is located above the battery unit and extends toward an upper portion of an auxiliary mounting space. The cooling duct is separated into an upper duct and a lower duct in a middle portion thereof. The lower duct is fixedly connected to the battery unit and can be mounted on the vehicle together with the battery unit. The upper duct and the lower duct which are separated from each other can be connected to each other when the battery unit is fixed to and mounted on the vehicle.

No. of Pages : 20 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3968/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :18/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND SYSTEM FOR PROVIDING AN ALERT ON A USER EQUIPMENT ENTERING AN ALERTING AREA

(51) International classification	:G01S 19/00	(71)Name of Applicant : <b>1)SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :B gmane Lakeview Block B No.
(32) Priority Date	:NA	66/1 Bagmane Tech Park C V Raman Nagar Byrasandra
(33) Name of priority country	:NA	Bangalore 560093 Karnataka India Himachal Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)BANERJEE PRATTYUSH</b>
(87) International Publication No	: NA	<b>2)SHARMA KARTIKA</b>
(61) Patent of Addition to Application Number	:NA	<b>3)DHIMAN ASHISH</b>
Filing Date	:NA	<b>4)KESHAV KIRTI</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Method for providing an alert on a user equipment (UE) entering an alerting area is disclosed. The present invention relates to the field of portable communication devices and more particularly to providing an alert on the portable communication device entering an alerting area. The UE runs GPS engine continuously to estimate location of the UE from the time alert system is activated. Continuous tracking of GPS satellites results in huge power consumption of the UE battery. Method and system is proposed to provide an alert system on a UE by calculating the distance between the UE and alerting area. Further the method and system enables using different positioning system based on the distance of the UE from the alerting area thereby reducing the power consumption of the UE battery.

No. of Pages : 24 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3969/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : Synergistic Cocystals or salts

(51) International classification

:A61K  
35/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)Sankar Foundation Research Institute**

Address of Applicant :19-50 Sai Madhava Nagar

Naiduthota Vepagunta Vishakapatnam India

(72)Name of Inventor :

**1)Nagalapalli Ravi Kumar**

**2)Kamalakaran Anand Solomon**

**3)Gaddamanugu Gopi Krishna**

(57) Abstract :

The present invention discloses a co-crystals/salts composition comprising forskolin and a co-crystal former. In specific the invention utilizes a combination of forshkolin+neutraceutical or forshkolin+cocrystal former that results in the formation of co-crystals or salts with enhanced solubility and possible synergistic activity.

No. of Pages : 13 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3976/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :21/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PUGA VARGEEKARANA YANTRA

(51) International classification	:B32B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)GAURAV PRASAD</b>
(32) Priority Date	:NA	Address of Applicant :NO.15, OFFICERS QUARTERS,
(33) Name of priority country	:NA	HATHILL, LALBAGH, ASHOKNAGAR, MANGALORE -
(86) International Application No	:NA	575 006 Karnataka India
Filing Date	:NA	<b>2)SUJAY NARAYANA</b>
(87) International Publication No	: NA	(72) <b>Name of Inventor :</b>
(61) Patent of Addition to Application Number	:NA	<b>1)GAURAV PRASAD</b>
Filing Date	:NA	<b>2)SUJAY NARAYANA</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Arecanut is a tropical plantation crop cultivated primarily for its kernel. This kernel is obtained from its fruit. Arecanut harvesting and processing is a complete people intensive work. Cultivation of arecanut requires extensive man power round the year. It has been rendered economically unviable owing to the mounting cost of production, acute shortage of traditional labourers such as areca tree climbers, areca shell extractors, and shortage of labourers to tender the highly delicate areca palms during the peak monsoon. Starting from the planting of areca seeds to the marketing of arecanuts, team work is necessary. Existing products gives a solution to labour problem to some extent for arecanut dehusking, sizing and seed cutting. Our idea with the new product (Puga Vargeekarana Yantra) is to speed up and automate the whole process of arecanut classification, thus reducing the man power necessity.

No. of Pages : 11 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3977/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :21/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A COMPACT TABLE TOP COCONUT GRATER WITH VEGETABLE SLICER

(51) International classification	:A47J 43/00	(71) <b>Name of Applicant :</b> <b>1)P. VENKATARAMANA UPADHYA</b>
(31) Priority Document No	:NA	Address of Applicant :#1/76, MAIN ROAD, SALIGRAMA
(32) Priority Date	:NA	POST, UDUPI DISTRICT - 576 225 Karnataka India
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)P. VENKATARAMANA UPADHYA</b>
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In one or more embodiment, a compact table top coconut grater with vegetable slicer includes a grater body with multiple legs designed to fix either a grater blade assembly, or a vegetable slicer assembly, and a grater blade, or a vegetable slicer attached to a metal strip, and the metal strip is fixed to one end of the grater body. A screw knob with a pin to attach and detach the grater blade assembly, or the slicer assembly to the grater body, the rubber pad with multiple notches to give a firm fixation of the grater body when mounted on the table top, and the front leg of the grater body grips on the platform of the table top, and the hind leg of the grater body grips the table top projection at the end of the table through the rubber pad with plurality of notches.

No. of Pages : 15 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3666/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :25/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : CORROSION CHIP AND FUEL RESISTANT COMPOSITION

(51) International classification	:C09D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)3M INNOVATIVE PROPERTIES COMPANY</b>
(32) Priority Date	:NA	Address of Applicant :3M CENTER, POST OFFICE BOX
(33) Name of priority country	:NA	33427, SAINT PAUL, MINNESOTA 55133-3427 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)HAZRA, SUPARNO</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a coating composition comprising (a) an acrylic resin A with a glass transition temperature of 35°C or higher and molecular weight of at least 35,000 g/mol (b) an acrylic resin B with a glass transition temperature of 57°C or higher and a molecular weight of at least 60,000 g/mol. (c) an epoxy resin with a molecular weight of 3000 and hydroxyl equivalent of about 720 wherein the epoxy resin has been modified by cardanol to the ratio of 60:40.

No. of Pages : 27 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3988/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :21/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND APPARATUS FOR CONTROLLING A CONSUMER ELECTRONIC DEVICE

(51) International classification	:G06F9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)LOGICA PRIVATE LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :Divyasree Technopolis 124-125
(33) Name of priority country	:NA	Yemlur Main Road Yemlur P.O. Off Airport Road Bangalore
(86) International Application No	:NA	560037 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)RIJHWANI Mukesh</b>
(61) Patent of Addition to Application Number	:NA	<b>2)PADMALAYAM NARAYANA KURUP Ajith Kumar</b>
Filing Date	:NA	<b>3)BINDRA Gurbrinder Singh</b>
(62) Divisional to Application Number	:NA	<b>4)SHANMUGASUNDARAM Murugesan</b>
Filing Date	:NA	

(57) Abstract :

The present invention relates to method and apparatus for controlling a consumer electronic device through a mobile communication device. The method includes the steps of indicating the presence of the electronic device within a range of a wireless communication mode on detection, establishing communication with the electronic device through the wireless communication mode, receiving a set of instructions from a user, the set of instructions are intended to control functioning of the electronic device, processing the set of instructions, and transmitting the set of instructions to the electronic device in accordance with the established wireless communication mode. The method further includes the steps of establishing an online communication link to facilitate downloading a first set of predefined instructions, and converting the first set of predefined instructions to control inputs for the electronic device.

No. of Pages : 21 No. of Claims : 13



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3989/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :21/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR SEAMLESSLY SHARING AND RECEIVING FEEDBACK BETWEEN REAL WORLD AND ONLINE WORLD

(51) International classification	:H04L 29/00	(71)Name of Applicant : <b>1)Logica Private Limited</b> Address of Applicant :Divyasree Technopolis 124-125 Yemlur Main Road Yemlur P.O. Off Airport Road Bangalore 560 037 An Indian Company Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)Rijhwani Mukesh</b>
(87) International Publication No	: NA	<b>2)SHANMUGASUNDARAM Murugesan</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a system and method for seamlessly sharing and receiving feedback between real world and online world. The system enables the users to post via a remote server their feedback associated with the articles displayed in a shopping mall on his online social networking environment in real time. The system further enables the user to fetch feedback about articles in his proximity which has already been recommended by one of his online social networking in real time. This help the users in selecting articles in the shopping mall based on the feedback.

No. of Pages : 20 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.40/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :03/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN IMAGING APPARATUS, AN IMAGING SYSTEM, AND A DRIVING METHOD OF AN IMAGING APPARATUS

(51) International classification	:H04N 5/00	(71)Name of Applicant :
(31) Priority Document No	:2011-018283	<b>1)CANON KABUSHIKI KAISHA</b>
(32) Priority Date	:31/01/2011	Address of Applicant :3-30-2, SHIMOMARUKO, OHTA-KU, TOKYO Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)IWATA, KOICHIRO</b>
Filing Date	:NA	<b>2)NODA, TOMOYUKI</b>
(87) International Publication No	: NA	<b>3)AKIYAMA, TAKESHI</b>
(61) Patent of Addition to Application Number	:NA	<b>4)MORITA, KAZUMICHI</b>
Filing Date	:NA	<b>5)SONODA, KAZUHIRO</b>
(62) Divisional to Application Number	:NA	<b>6)YAMAMOTO, TAKURO</b>
Filing Date	:NA	

(57) Abstract :

An imaging apparatus includes a pixel unit, an amplifying transistor, and a control unit. The pixel unit includes a first photoelectric conversion unit generating a first charge based on incident light of a first color, a second photoelectric conversion unit generating a second charge based on incident light of the first color, and a third photoelectric conversion unit generating a third charge based on incident light of a second color. The amplifying transistor is provided in common to the first to third photoelectric conversion units, and outputs a signal based on the first, second, and third charges generated by the first, second, and third photoelectric conversion units, respectively. The control unit sets the pixel unit to a selected state or a non-selected state according to an electric potential of a control terminal of the amplifying transistor.

No. of Pages : 48 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4001/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :22/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : RELATION AMONG REFRACTIVE INDEX, MOLECULAR WEIGHT AND DENSITY OF INORGANIC COMPOUND BY R. VELMURUGAN

(51) International classification	:G02B 3/00	(71) <b>Name of Applicant :</b> <b>1)R. VELMURUGAN</b>
(31) Priority Document No	:NA	Address of Applicant :146/5, NORTH STREET,
(32) Priority Date	:NA	SENGAMEDU (VILL)AVINANGUDI(PO) TITTAGUDI(TK)
(33) Name of priority country	:NA	CUDDALORE(DT) 606 112 Tamil Nadu India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)R. VELMURUGAN</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Already I(R.VELMURUGAN)discovered a fact that ratio between refractive index and density of organic compound found to be a constant, similarly of the above fact I tried to discover whether the ratio between refractive index and density of inorganic compound exhibit the same constant or not ,answer is not thus I make another relation for inorganic compound .

No. of Pages : 9 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.380/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD FOR SELECTING A CONTROLLABLE DEVICE

(51) International classification	:H04B	(71)Name of Applicant :
(31) Priority Document No	:09163443.6	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:23/06/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/052642	(72)Name of Inventor :
Filing Date	:14/06/2010	<b>1)TALSTRA Johan Cornelis</b>
(87) International Publication No	: NA	<b>2)PENNING DE VRIES Hendricus Theodorus</b>
(61) Patent of Addition to Application Number	:NA	<b>Gerardus Maria</b>
Filing Date	:NA	<b>3)FERI Lorenzo</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method for selecting at least one of a plurality of controllable devices (121-123) wherein each of the controllable devices (121-123) is adapted to transmit a distinguishable signal. The method comprising the steps of receiving (301) the signals from the plurality of controllable devices by means of a plurality of receiver modules comprised in a control device (110) wherein each receiver module separately detects a contribution of the signals; determining (302) using a correlation between the different signal contributions a width and an angle of incidence for each of the signals; comparing (303-304) the width and the angle of incidence for each of the signals with a set of predetermined criteria; and selecting (305) at least one of the plurality of controllable devices best matching the set of predetermined criteria.

No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3801/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :04/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : CYLINDER HEAD COVER

(51) International classification	:F27B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)ASHOK LEYLAND LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :NO.1 SARDAR PATEL ROAD,
(33) Name of priority country	:NA	GUINDY, CHENNAI 600 032 Tamil Nadu India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)KRISHNAN SADAGOPAN</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a cylinder head cover for encasing a cylinder head of an internal combustion engine. The module inside the cylinder cover comprises a set of bay walls having holes. The bay walls are arranged parallel to each other such that they form alternate inlet and exit bays within the module. Blow-by gases mixed with oil mist enter into the inlet bays of the module, thereby impinging on the bay walls. Blow-by gases escape through the holes in the bay walls and exit through an exit bays. The oil component of the mixture is retained and drained through appropriate drain holes and oil trenches provided proximal to the bay walls.

No. of Pages : 14 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3802/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :04/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : FUEL PUMP LUBRICATION SYSTEM FOR AN INTERNAL COMBUSTION ENGINE

(51) International classification	:F01L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ASHOK LEYLAND LIMITED
(32) Priority Date	:NA	Address of Applicant :1, SARDAR PATEL ROAD,
(33) Name of priority country	:NA	GUINDY, CHENNAI 600 032 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)S. SURESH KUMAR
(87) International Publication No	: NA	2)KRISHNAN SADAGOPAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A lubrication system for a fuel injection drive of an internal combustion engine comprises a fuel injection pump housed in the cam box housing integrated with the engine cylinder head. The fuel pump is driven by a fuel pump operating tri lobe cam in the engine cam shaft, a tappet and a roller follower. The fuel pump operating cam is a tri lobe type construction which allows delivering three impingement for one cam shaft rotation. A cam shaft bearing for supporting the cam shaft is placed at one end of the cam box housing. A cam shaft bearing cap provided for the cam shaft contains an internally machined oil hole which serves as an oil outlet passage. The lubricating oil available at the cylinder head journal is passed on to cam shaft bearing cap through internally machined cam shaft slots and lubricates the fuel pump cam and roller follower, and such that the flow of oil at the cam and roller follower is continue to splash over the surfaces of the tappet and tappet bore of fuel injection pump. This combined effect of splashing of oil and dipping of cam lobes at the com box housing oil reservoir, enables to provide a persisting thin film of lubrication on the fuel pump components and thereby effectively lubricating the fuel pump components and improves the life of the fuel injection drive.

No. of Pages : 22 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4026/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :23/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND SYSTEM FOR HANDLING MULTICAST COMMAND PACKETS IN A RING TOPOLOGY STORAGE NETWORK

(51) International classification	:H04L 12/00	(71) <b>Name of Applicant :</b> <b>1)SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED</b> Address of Applicant :Bagmane Lakeview Block B No. 66/1 Bagmane Tech Park C V Raman Nagar Byrasandra Bangalore 560093 Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)TEEGAVARAPU PRANAB KUMAR</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a method and system for handling multicast command packets in a ring topology storage network. In one embodiment, a host device sends a multicast indication packet to storage devices in a ring topology storage network when command packets are to be processed by two or more but not all storage devices. In such case, each storage device determines whether command packets following the multicast indication packet are intended for it. If the command packets are not intended, the storage device enters in a packet bypass mode. If the command packets are intended for it, the storage device continues to operate in the normal mode to process the command packets. Once the command packets are completely processed, the host device sends a multicast termination packet to the storage devices so that one or more storage devices operating in the packet bypass mode enters the normal mode.

No. of Pages : 30 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.378/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : ANTENNA CONFIGURATION FOR CO-OPERATIVE BEAMFORMING

(51) International classification :H04B  
(31) Priority Document No :09163525.0  
(32) Priority Date :23/06/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/052633  
Filing Date :14/06/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
**2)SHARP KABUSHIKI KAISHA**  
(72)Name of Inventor :  
**1)MOULSLEY Timothy James**  
**2)CHIAU Choo Chiap**

(57) Abstract :

The present invention relates to a method for communicating in a network, the network comprising at least a first cell and a second cell including respectively a first primary station having a first antenna array dedicated to the first cell and a second primary station having a second antenna array dedicated to the second cell, for communicating with a plurality of secondary stations, the method comprising the step of (a) providing with a co-operative beamforming transmission from the first and second primary stations to at least one first secondary station, wherein step (a) includes (a1) the first secondary station signaling at least one channel matrix to at least one of the first and second primary stations, and (a2) the first and second primary stations applying a precoding matrix across both the first antenna array and the second antenna array, and wherein the precoding matrix comprises a first vector for the first cell and a second vector for the second cell, the precoding matrix being based on the at least one channel matrix.

No. of Pages : 15 No. of Claims : 14



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4033/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :23/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A COMPOSITIONS METHOD AND FORMULATIONS FOR PEPTIDE BASED INHIBITORS OF HEPATITIS C VIRUS REPLICATION

(51) International classification	:C07K 14/00	(71)Name of Applicant : <b>1)INDIAN INSTITUTE OF SCIENCE</b>
(31) Priority Document No	:NA	Address of Applicant :CV RAMAN AVENUE
(32) Priority Date	:NA	BANGALORE Tamil Nadu India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)Prof.SAUMITRA DAS</b>
Filing Date	:NA	<b>2)Ms.UPASANA RAY</b>
(87) International Publication No	: NA	<b>3)Prof.DEBI P. SARKAR</b>
(61) Patent of Addition to Application Number	:NA	<b>4)CHAITRALI LAHA ROY</b>
Filing Date	:NA	<b>5)Prof. N.SRINIVASAN</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides a polypeptide for inhibiting HCV replication, wherein the polypeptide is specific to the C-terminal end of the protease. The inhibition of the HCV replication is achieved through inhibition of IRES-mediated translation of the virus. The invention also provides a method for delivery of the polypeptide into a mammalian cell for targeting HCV replication.

No. of Pages : 29 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4034/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :23/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PHYLLANTHIN AS A POTENT INHIBITOR OF HEPATITIS C VIRUS REPLICATION

(51) International classification

:A61K  
36/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)INDIAN INSTITUTE OF SCIENCE**

Address of Applicant :C.V.RAMAN

AVENUE BANGALORE KARNATAKA India

**2)DEPARTMENT OF BIOTECHNOLOGY**

(72)Name of Inventor :

**1)Prof.SAUMITRA DAS**

**2)Dr. UMA REDDY B.**

**3)NANDHITHA M.**

**4)Dr RAVIKUMAR Y.S**

(57) Abstract :

The present invention generally relates to inhibitors of Hepatitis C virus replication. Specifically embodiments of the invention relates to a naturally occurring compound phyllanthin obtained from Phyllanthus amarus extract.

No. of Pages : 30 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4036/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :23/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : RECOVERY AND RE-USE OF CAMPHOR SULFONIC ACID USED IN CLOPIDOGREL PROCESS AND RACEMIZATION OF CLOPIDOGREL R-ISOMER

(51) International classification	:C07C 213/00	(71)Name of Applicant : <b>1)Dr. Reddy<sup>TM</sup>s Laboratories Limited</b> Address of Applicant :Dr. Reddy <sup>TM</sup> s Laboratories Limited 8-2-337 Road No. 3 Banjara Hills Hyderabad Andhra Pradesh 500 034 India
(31) Priority Document No	:NA	<b>2)Dr. Reddy<sup>TM</sup>s Laboratories Inc</b>
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	<b>1)Mediseti Venkata Rama Krishna</b>
(86) International Application No	:NA	<b>2)Kushal Surajmal Manudhane</b>
Filing Date	:NA	<b>3)Ganta Sudhakar</b>
(87) International Publication No	: NA	<b>4)Narra Santosh Reddy</b>
(61) Patent of Addition to Application Number	:NA	<b>5)Krosuri Vijay Kumar</b>
Filing Date	:NA	<b>6)Kikkuru Srirami Reddy</b>
(62) Divisional to Application Number	:NA	<b>7)Beeravalli Ramalinga Reddy</b>
Filing Date	:NA	<b>8)Veeraboina Madhu Raju</b>
		<b>9)Dubey Manoj Kumar</b>
		<b>10)Kaipu Rama Krishna Reddy</b>

(57) Abstract :

Aspect of the present application relate to process for the recovery of camphorsulfonic acid used in the resolution of racemic clopidogrel and re use of the recovered camphorsulfonic acid for resolution and an improved process for the racemization of R-isomer (or) enriched R-isomer of clopidogrel.

No. of Pages : 27 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4039/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :23/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PLANT PROMOTER AND USES THEREOF

(51) International classification	:C12N 15/00	(71)Name of Applicant : <b>1)ITC Limited</b>
(31) Priority Document No	:NA	Address of Applicant :R&D Centre No.3 1st Main Road
(32) Priority Date	:NA	Peenya Industrial Area Phase - I Bangalore Karnataka Bihar
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)Unnikrishnan Bobby</b>
(87) International Publication No	: NA	<b>2)Shankaranarayana Gurumurthy Demlapura</b>
(61) Patent of Addition to Application Number	:NA	<b>3)Sharma Navin Kumar</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A polynucleotide molecule for regulating gene expression in plants is provided herein. In particular, the present invention provides promoters isolated from ucalyptus camaldulensis that are useful for regulating gene expression of polynucleotide molecules of interest in plants. The present invention also provides recombinant DNA comprising the promoter molecule(s) as disclosed in the invention, recombinant plasmid comprising the DNA recombinant molecule and transgenic plants comprising the DNA recombinant molecule.

No. of Pages : 57 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.404/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :02/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : LITHOGRAPHIC PRINTING PLATE PRECURSOR AND PLATE MAKING METHOD THEREOF

(51) International classification	:G03F 7/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-023413	<b>1)FUJIFILM Corporation</b>
(32) Priority Date	:04/02/2011	Address of Applicant :26-30 Nishiazabu 2-chome Minato-
(33) Name of priority country	:Japan	ku Tokyo Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)KOYAMA Ichiro</b>
(87) International Publication No	: NA	<b>2)OOHASHI Hidekazu</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention is directed to a negative lithographic printing plate precursor including a support and an image-recording layer wherein a layer containing a star polymer is provided between the support and the image-recording layer and the star polymer is preferably a polymer in which from 3 to 10 polymer chains are branched from a central skeleton.

No. of Pages : 109 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3872/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :11/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : FOOTWEAR ASSEMBLY

(51) International classification	:A43B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)THAIKATTIL, JOSE</b>
(32) Priority Date	:NA	Address of Applicant :THAIKATTIL HOUSE,
(33) Name of priority country	:NA	TIRURANGADI P.O. 676 306 Kerala India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)THAIKATTIL, JOSE</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention provides a footwear assembly for fitting on the right and left foot of the wearer wherein at least one of the articles of the footwear assembly is provided with a hook shaped handle on its instep strap or ankle strap and co-operating means are provided on the opposite article of the assembly for holding on to the said handle with the footwear worn other foot of the wearer for performing the operations of fitting and removing the footwear.

No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4048/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :24/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN LTE WIRELESS COMMUNICATION METHOD FOR TRANSCIVING WIRELESS DEVICE DATA

(51) International classification	:H04W	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)Tejas Networks Limited</b>
(32) Priority Date	:NA	Address of Applicant :2nd floor GNR Tech Park 46/4
(33) Name of priority country	:NA	Garbebhavi Palya Kudlu Gate Hosur main road Bangalore 560
(86) International Application No	:NA	068 Karnataka India Meghalaya India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)VINOD KUMAR MADALIAH</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an LTE wireless communication method for transceiving wireless device data. In one embodiment this is accomplished by a plurality of base transceiver station (BTS) linked by a network over which the base transceiver stations communicate wherein the network includes at least one leaf BTS and at least two hub BTS and wherein hub BTS include a first hub BTS and a second hub BTS checking periodically for control signal by all the BTS wherein the control signals are periodically exchanged by all the BTS through wireless channel transparently down-linking user traffic towards a user equipment append to the leaf BTS from the first hub BTS to the leaf BTS in the first communication area using a first frequency band and up-linking the user traffic from the user equipment append to the leaf BTS using wireless channel between second hub BTS and leaf BTS.

No. of Pages : 39 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4049/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :24/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : CHARY WIND TURBINE

(51) International classification	:F03D 3/00	(71) <b>Name of Applicant :</b> <b>1)THOUTI. BHOOMIAIAH CHARY</b>
(31) Priority Document No	:NA	Address of Applicant :H.NO.3-5-50 KOTAGALLY
(32) Priority Date	:NA	(VARNI ROAD), NIZAMABAD 503 001 Andhra Pradesh
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)THOUTI. BHOOMIAIAH CHARY</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Chary wind turbine is vertical soft wind mill . It rotates any time anti clockwise it has four half round wings and it's inner side is steel wire mesh and on the mesh set five steps sub wings made by rectangular Parachut cloth. These four half round wings works as like Bird's wings, and sub wings works as like. bird's feathers. When wind blows from front side of Chary wind turbine, then the five sub wings moves back side but steel mesh stops sub wings movements so wind power pushes to wing to anti clock wise, but it's oppsite wing invert position, in the same time wind blows from back side of this wing there are sub wings at back side of mesh and wind touch back side of sub wings then sub wings flips so wind blows fluently through from mesh . in the same time remaining one or two wings too react and help to rotate wind tourbine anti clockwise.

No. of Pages : 8 No. of Claims : 3



(12) PATENT APPLICATION PUBLICATION

(21) Application No.405/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : A METHOD OF COMPRESSION OF DIGITAL IMAGES USING A FIXED NUMBER OF BITS PER BLOCK

(51) International classification	:H04N 7/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:13/035,060	<b>1)Sony Corporation</b>
(32) Priority Date	:25/02/2011	Address of Applicant :1-7-1 Konan Minato-ku Tokyo 108-
(33) Name of priority country	:U.S.A.	0075 Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)Mohammad Gharavi-Alkhansari</b>
(87) International Publication No	: NA	<b>2)Ali Tabatabai</b>
(61) Patent of Addition to Application Number	:NA	<b>3)Yoichi Yagasaki</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of compression of digital images using a fixed number of bits per block is described. Intra-coding is used for lossless compression of digital images. The image is partitioned into blocks with the same size. The encoder generates a fixed and predetermined number of bits for each block. The encoding process includes gamma conversion applied to the input image to generate data. Additional stages include prediction quantization DPCM entropy coding and refinement.

No. of Pages : 47 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4057/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :24/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A METHOD AND SYSTEM TO MANAGE NETWORK CONNECTED DEVICES•

(51) International classification	:G06F3/00	(71)Name of Applicant : <b>1)LG SOFT INDIA PRIVATE LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :Embassy Tech Square Marathahalli
(32) Priority Date	:NA	arjapur Outer Ring Road Bangalore 560103 Karnataka
(33) Name of priority country	:NA	India, Punjab India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)Satya Prakash</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Embodiments of the disclosure relate to a method and system for managing network connected devices 203. The method includes detecting one or more devices of the network connected devices 203 by an authenticated mobile device 101 based on current context of the authenticated mobile device 101. The method includes activating a magnetic activation button (MAB) 105 on the touch screen display 102 of the authenticated mobile device 101 and latching one of the detected one or more devices with the authenticated mobile device 101. The latching is performed using magnetic compass property of the activated MAB 105. The method further includes dragging the activated MAB 105 in a predetermined direction followed by performing at least one of holding and releasing the activated MAB 105 to initiate one or more predefined actions to manage the latched device.

No. of Pages : 36 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3905/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR STUDENT ACTIVITY GATHERING IN A UNIVERSITY

(51) International classification	:G09B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)SRM INSTITUTE OF SCIENCE AND TECHNOLOGY</b>
(32) Priority Date	:NA	Address of Applicant :#3, VEERASWAMY STREET,
(33) Name of priority country	:NA	WEST MAMBALAM, CHENNAI - 600 033 Tamil Nadu India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SRIDHAR VARADARAJAN</b>
(87) International Publication No	: NA	<b>2)PREETHY IYER</b>
(61) Patent of Addition to Application Number	:NA	<b>3)MEERA DIVYA MUMIPALLI VENUGOPAL</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An educational institution (also referred as a university) is structurally modeled using a university model graph. A key benefit of modeling of the educational institution is to help in an introspective analysis by the educational institute. In order to build an effective university model graph, it is required to gather and analyze the various activities performed on the university campus by the various entities of the university. A system and method for automated activity gathering that involves instrumented components, sub-systems, and networks is discussed. Specifically, the presented system allows for reliable identification of activities performed by a student of the university based on inputs received from multiple sources associated with the instrumented components, sub-systems, and networks.

No. of Pages : 78 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3908/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :15/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : CHARY'S ALGORITHM FOR ENGLISH TO TELUGU LANGUAGE TRANSLATOR

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)THOUTI. BHOOMIAIAH CHARY
(32) Priority Date	:NA	Address of Applicant :H:NO. 3-5-50 KOTAGALLY
(33) Name of priority country	:NA	(VARNI ROAD) NIZAMABAD. 503001 Andhra Pradesh India
(86) International Application No	:NA	2)THOUTI. SANDEEP KUMAR
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)THOUTI. BHOOMIAIAH CHARY
(61) Patent of Addition to Application Number	:NA	2)THOUTI. SANDEEP KUMAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

CHARVS ALGORITHM is a new algorithm for the conversion of english sentences to telugu sentences which helps in computer based translation systems. This algorithm can easily identify subject and verb from the given english sentence by comparing first and last words of the sentence with 8(some) words for subject and 132 words for the verb forms. The new words kartaarda and kriyaarda helps to find accurate telugu verb for the given english verb.The algorithm is made simple and is able to find soultion in very less time. On implementing this algorithm, any text or books in english langauage can be easily converted in to TELUGU indian language by a single click on the mouse.

No. of Pages : 12 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4060/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :24/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : ADAPTIVE SYSTEM AND METHOD FOR PROTECTION OF ELECTRIC POWER SYSTEMS

(51) International classification	:G01D 4/00	(71) <b>Name of Applicant :</b> <b>1)GENERAL ELECTRIC COMPANY</b>
(31) Priority Document No	:NA	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(32) Priority Date	:NA	NEW YORK 12345 U.S.A.
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)ARAVIND, DEEPAK</b>
Filing Date	:NA	<b>2)BLACK, JASON WAYNE</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A protection device includes a receiver configured to receive a first sensed load data from at least one corresponding metering system associated with at least one utility in a power system. The protection device further includes at least one processor coupled to the receiver. The processor is configured to reset at least one threshold parameter of the protection device based on the first sensed load data.

No. of Pages : 33 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4062/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :24/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : MULTILAYER ORGANIC-TEMPLATED-BOEHMITE-NANOARCHITECTURE FOR FLUORIDE REMOVAL

(51) International classification	:B01J 37/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)INDIAN INSTITUTE OF TECHNOLOGY</b>
(32) Priority Date	:NA	Address of Applicant :IIT P.O, CHENNAI 600 036 Tamil Nadu India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)THALAPPIL PRADEEP</b>
Filing Date	:NA	<b>2)ANNAMALAI LEELAVATHI</b>
(87) International Publication No	: NA	<b>3)MOHAN UDHAYA SANKAR</b>
(61) Patent of Addition to Application Number	:NA	<b>4)CHAUDHARY AMRITA</b>
Filing Date	:NA	<b>5)ANSHUP</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a composition comprising a nanoscale shell of metal oxide/hydroxide on an organic-templated-boehmite-nanoarchitecture (OTBN). The nanoscale shell is prepared by impregnating OTBN with the metal ion or non-metal ion, followed by in-situ hydrolysis of the deposited ion on the OTBN surface. The thickness of the shell is less than 3 nm, which is less than the size of the core (OTBN). The above-described method for nanoscale shell preparation is a versatile procedure as any metal or non-metal ion (including transition metals and/or rare earth metals) can be used. Additionally, number of layers of the shell is flexible, thereby leading to a multilayer nanoscale hybrid composition. The adsorbent composition is capable of removing inorganic anions such as fluoride from water, with an adsorption capacity at least twice reported previously for OTBN.

No. of Pages : 26 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4063/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :24/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : MAGNETIC MATERIAL AND SYSTEMS

(51) International classification	:G11B 5/00	(71) <b>Name of Applicant :</b> <b>1)GENERAL ELECTRIC COMPANY</b> Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 U.S.A.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)BHAT, SHYAMALA HALADY SUBRAYA</b>
Filing Date	:NA	<b>2)JOHNSON, FRANCIS</b>
(87) International Publication No	: NA	<b>3)REDDY, SUDHAKAR EDDULA</b>
(61) Patent of Addition to Application Number	:NA	<b>4)BARVE, JAYESHKUMAR JAYANARAYAN</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A material is disclosed. The material includes a magnetic material. The magnetic material exhibits a metamagnetic transition to a magnetic saturation at an applied magnetic field of strength less than or equal to 1T, in which a transition temperature of the magnetic material is within a temperature region from about 160 K to about 350K.

No. of Pages : 24 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2965/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :31/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : ILLUMINATION DEVICE WITH WAKE-UP FUNCTION

(51) International classification :A61M21/00

(31) Priority Document No :09174416.9

(32) Priority Date :29/10/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/054798

Filing Date :22/10/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

**1)GODLIEB Robert**

(57) Abstract :

An illumination device (100) with wake-up and/or fall-asleep functionality comprises: at least one controllable light source (110); a control device (120) for controlling the light source (110). In a STEADY mode colour and intensity of the output light are maintained constant at a steady colour value and a steady intensity value. In a WAKE-UP mode the intensity of the output light is gradually increased from zero to the steady intensity value; in a FALL-ASLEEP mode the intensity of the output light is gradually decreased from the steady intensity value to zero. The control device (120) comprises a user input (UI) for receiving a user input signal defining the steady intensity value. The control device (120) generates a control signal for the controllable light source (110) such as to cause the colour of the output light to travel a predetermined path in a colour space independent of the steady intensity value.

No. of Pages : 17 No. of Claims : 8



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2966/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :29/08/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : MOTORCYCLE

(51) International classification	:B60R	(71)Name of Applicant :
(31) Priority Document No	:2010-195008	<b>1)HONDA MOTOR CO., LTD.</b>
(32) Priority Date	:31/08/2010	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)KOYAMA, YOSHINORI</b>
Filing Date	:NA	<b>2)TAKAHASHI, ATSUSHIKO</b>
(87) International Publication No	: NA	<b>3)IRIE, TAKAFUMI</b>
(61) Patent of Addition to Application Number	:NA	<b>4)ISOMURA, MAMORU</b>
Filing Date	:NA	<b>5)TAKENAKA, HIROSHI</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An object of the present invention is to provide a motorcycle that provides improvement of workability for tightening when a shroud is to be attached to a fuel tank. [Constitution] The motorcycle 10 includes a shroud 51 that covers a part of a sidewall of a fuel tank 31. A shroud mount 63 on which the shroud 51 is mounted includes a tank stay 71 that is extended from the fuel tank 31, a U-shaped member 72 that is removably attached to the tank stay 71, a collar 75 that is welded to one surface of the U-shaped member 72 and brought into contact with the shroud 51, a weld nut that is welded to the opposite surface of the U-shaped member 72, and a fastening member 77 that fastens the shroud 51 to the tank stay 71 through the weld nut 76 and the collar 75.

No. of Pages : 34 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2966/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :31/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : THREE-DIMENSIONAL ANALYSIS OF LESIONS REPRESENTED BY IMAGE DATA

(51) International classification :A61B 6/00  
(31) Priority Document No :09174567.9  
(32) Priority Date :30/10/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/054772  
Filing Date :21/10/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)GRASS Michael**  
**2)HANSIS Eberhard Sebastian**  
**3)BUELOW Thomas**  
**4)ERHARD Klaus**

(57) Abstract :

A system for three-dimensional analysis of lesions in image data is disclosed. It comprises a lesion detection subsystem (1) for detecting individual lesions and three-dimensional positions of the individual lesions based on e.g. breast image data (301). It comprises a cluster detection subsystem (2) for detecting a cluster of lesions (302) based on three-dimensional position information of lesions and associating at least some of the individual lesions with the cluster of lesions (302) based on the three-dimensional positions of the individual lesions. The cluster detection subsystem (2) is arranged for detecting the cluster of lesions (302) based on the three-dimensional positions of the individual lesions. It comprises a cluster analysis subsystem (3) for analyzing the cluster of lesions (302).

No. of Pages : 22 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2967/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :29/08/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : THROTTLE DEVICE

(51) International classification	:G06F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-193922	<b>1)HONDA MOTOR CO., LTD.</b>
(32) Priority Date	:31/08/2010	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)INOSE, KOJI</b>
Filing Date	:NA	<b>2)TAKEDA, YUICHI</b>
(87) International Publication No	: NA	<b>3)SAHATA, TOMOYUKI</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

[Problem to be Solved] To provide a throttle device in which an ECU and various sensors can be efficiently disposed in space around a throttle body. [Solution] A throttle valve opening sensor 80 and a Pb sensor 81 are stored in a sensor case 63 that is separate from a control unit 62 for performing engine control. The sensor case 63 is disposed in contact with a left wall surface 90 of a throttle body 61. The control unit 62 is electrically connected to the sensor case 63 by a coupler 64 provided on the sensor case 63, and thus disposed in contact with an upper wall surface 91 of the throttle body 61. The sensor case 63 is formed into a substantially rectangular parallelepiped with a mounting surface 63a for the left wall surface 90 of the throttle body 61 larger in area than another surface. The control unit 62 is formed into a substantially rectangular parallelepiped with a mounting surface 62a for the upper wall surface 91 of the throttle body 61 larger in area than another surface. The control unit 62 and the sensor case 63 are disposed with the respective mounting surfaces 62a and 63a forming a substantially right angle to each other.

No. of Pages : 34 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3531/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :14/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A PRESSURE REGULATING VALVE

(51) International classification	:F15B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)ROBERT BOSCH ENGINEERING AND BUSINESS</b>
(32) Priority Date	:NA	<b>SOLUTIONS LIMITED</b>
(33) Name of priority country	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(86) International Application No	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	<b>2)ROBERT BOSCH GMBH</b>
(61) Patent of Addition to Application Number	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)MAHESH JADHAV</b>
(62) Divisional to Application Number	:NA	<b>2)MOHAN NAGARAJ</b>
Filing Date	:NA	

(57) Abstract :

The present invention discloses a pressure regulating valve (10) including a housing (12) with uniform diameter and having three ports for flow of fluid. The three ports being a supply port (PI), a control port (P2) and a tank port (P3). The supply port (PI) is connected to a source of a fluid tank via a pump. The control port (P2) connected to a control system using the pressurized fluid and the tank port (P3) returns fluid to the tank in case of increase in pressure. A linearly displaceable piston positioned inside the housing is provided with piston heads (16) with uniform diameter. An inclined surface (18) is provided around the piston rod (14) connecting the piston rod (14) to the piston heads (16) on each end. The incline surfaces (18) make different angles with the piston rod (14) on the two sides. The piston is maintained in a state of equilibrium by means of a spring (20) force on one end of the piston and an equal electromagnetic force (22) on the other end. These incline surfaces (18) provide the difference in surface area on the two ends of the piston to create unbalance of forces acting on the two ends in case the pressure exceeds the threshold.

No. of Pages : 12 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3532/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :14/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A DIAPHRAGM PUMP WITH ACTIVE VALVES

(51) International classification	:F16K	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)ROBERT BOSCH ENGINEERING AND BUSINESS</b>
(32) Priority Date	:NA	<b>SOLUTIONS LIMITED</b>
(33) Name of priority country	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(86) International Application No	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	<b>2)ROBERT BOSCH GMBH</b>
(61) Patent of Addition to Application Number	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)RAJMOHAN RAJENDRAN</b>
(62) Divisional to Application Number	:NA	<b>2)MOHANKUMAR KUPPUSAMY</b>
Filing Date	:NA	

(57) Abstract :

The present invention discloses a diaphragm pump with active valves. The pump (10) includes a pump housing (12) with an inlet (14) and an outlet (16). An inlet valve membrane (18) is provided at the inlet (14) and an outlet valve membrane (20) is provided at the outlet (16) inside the pump housing (12). At least one actuator (22, 24) is provided in contact with each of said inlet valve membrane (18) and the outlet valve membrane (20). The actuators (22, 24) are adapted to close the valves on being energized. The actuators (22, 24) are provided with actuator return springs (26, 28). The return springs (26, 28) bring the actuators (22, 24) to their original position on being de-energized.

No. of Pages : 9 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4072/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/06/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : TREATMENT OF INFLAMMATORY BOWEL DISEASES WITH MAMMAL BETA DEFENSINS

(51) International classification :A61K 38/17  
(31) Priority Document No :08160761.6  
(32) Priority Date :18/07/2008  
(33) Name of priority country :EUROPEAN UNION  
(86) International Application No :PCT/EP2009/059253  
Filing Date :17/07/2009  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :714/CHENP/2011  
Filed on :02/02/2011

(71)**Name of Applicant :**  
**1)NOVOZYMES ADENIUM BIOTECH A/S**  
Address of Applicant :Krogshoejvej 36 DK-2880 Bagsvaerd  
Denmark  
(72)**Name of Inventor :**  
**1)KJAER Tanja Maria Rosenkilde**  
**2)KRUSE Thomas**  
**3)MYGIND Per Holse**  
**4)BRINCH Karoline Sidelmann**  
**5)KJAERULFF Soeren**  
**6)ANDERSEN Birgitte**

(57) Abstract :

The present invention relates to treatment of inflammatory bowel diseases with mammal beta defensins.

No. of Pages : 68 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4073/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : GRAVITATIONAL PERMITTIVITY OF FREE SPACE BY R. VELMURUGAN (2.45E12 M2/HZ)

(51) International classification	:G01V 7/00	(71) <b>Name of Applicant :</b> <b>1)R. VELMURUGAN</b>
(31) Priority Document No	:NA	Address of Applicant :146/5, NORTH STREET,
(32) Priority Date	:NA	SENGAMEDU (VILL), AVINANGUDI (PO),
(33) Name of priority country	:NA	TITTAGUDI(TK), CUDDALORE (DT), - 606 112 Tamil Nadu
(86) International Application No	:NA	India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)R. VELMURUGAN</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Newton equation for sound propagation appear as same as R.Velmurugan(I) law of velocity by volume thus I compare Newton equation for sound propagation and R. Velmurugan law of velocity by volume. After comparison i could able to find gravitational permittivity of free space. Above written facts are background of invention.

No. of Pages : 5 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4075/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : POWER GENERATION SYSTEM WITH TWIN TURBINES BASED ON OSCILLATING WATER COLUMN

(51) International classification	:F03B 13/00	(71) <b>Name of Applicant :</b> <b>1)INDIAN INSTITUTE OF TECHNOLOGY MADRAS</b>
(31) Priority Document No	:NA	Address of Applicant :IIT P.O, CHENNAI 600 036 Tamil
(32) Priority Date	:NA	Nadu India
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)VENKATARAMAN JAYASHANKAR</b>
Filing Date	:NA	<b>2)THIRUCHENGODE MAHALINGAM</b>
(87) International Publication No	: NA	<b>MURUGANANDAM</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a wave power generation system using a pair of oscillating water column based turbines associated with fluidic diodes, blower, air ducts and manifold. The power generation system includes a first electrical generator, first fluidic diodes, blower, first set of airducts and manifold connected, in driving relation to the first uni-direction turbine for generating energy in the intake stroke of oncoming waves, a second electrical generator, a second fluidic diode, blower, second set of airducts and manifold connected in driving relation to the second uni-directional turbine for generating further energy in the exhaust stroke of receding waves.

No. of Pages : 27 No. of Claims : 14



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3692/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :28/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHODS OF PREPARING METAL QUANTUM CLUSTERS IN MOLECULAR CONFINEMENT

(51) International classification	:B01J	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)INDIAN INSTITUTE OF TECHNOLOGY MADRAS</b>
(32) Priority Date	:NA	Address of Applicant :CHENNAI 600 036 Tamil Nadu India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)THALAPPIL, PRADEEP</b>
Filing Date	:NA	<b>2)THUMU, UDAYABHASKARARAO</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods for the synthesis of metal quantum clusters within the framework of a porous gel matrix are described. For example, Ag<sub>25</sub>(glutathione)<sub>18</sub> quantum clusters are synthesized in a cross-linked polyacrylamide gel matrix. The methods can be performed on large-scale and yields monodispersed metal quantum clusters.

No. of Pages : 22 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3693/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :28/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PIEZOELECTRIC DEVICES AND METHODS FOR THEIR PREPARATION AND USE

(51) International classification	:H01L	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)INDIAN INSTITUTE OF TECHNOLOGY MADRAS</b>
(32) Priority Date	:NA	Address of Applicant :CHENNAI 600 036 Tamil Nadu India
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)CHANDRAN, MANEESH</b>
Filing Date	:NA	<b>2)RAO, M.S. RAMACHANDRA</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods for fabricating a piezoelectric device are provided. The methods can include providing a substrate and forming a nanocrystalline diamond layer on a first surface of the substrate. The methods can also include depositing a piezoelectric layer on a first surface of the nanocrystalline diamond layer.

No. of Pages : 21 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3697/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :28/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHODS AND APPARATUS FOR DELIVERING ELECTRONIC IDENTIFICATION COMPONENTS OVER A WIRELESS NETWORK

(51) International classification	:H04W	(71)Name of Applicant :
(31) Priority Document No	:61/407,862	<b>1)Apple Inc.</b>
(32) Priority Date	:28/10/2010	Address of Applicant :1 Infinite Loop MS 40-pat
(33) Name of priority country	:U.S.A.	Cupertino CA 95014 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)SCHELL Stephan V.</b>
(87) International Publication No	: NA	<b>2)MATHIAS Arun G.</b>
(61) Patent of Addition to Application Number	:NA	<b>3)VON HAUCK Jerrold</b>
Filing Date	:NA	<b>4)HAGGERTY David T.</b>
(62) Divisional to Application Number	:NA	<b>5)MCLAUGHLIN Kevin</b>
Filing Date	:NA	<b>6)JUANG Ben-Heng</b>
		<b>7)LI Li</b>

(57) Abstract :

Methods and apparatus enabling programming of electronic identification information of a wireless apparatus. In one embodiment a previously purchased or deployed wireless apparatus is activated by a cellular network. The wireless apparatus connects to the cellular network using an access module to download operating system components and/or access control client components. The described methods and apparatus enable updates additions and replacement of various components including Electronic Subscriber Identity Module (eSIM) data OS components. One exemplary implementation of the invention utilizes a trusted key exchange between the device and the cellular network to maintain security.

No. of Pages : 28 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3698/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :28/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR CHECKING THE CONFORMANCE OF THE BEHAVIOR OF A PROCESS

(51) International classification

:G06Q

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)INFOSYS LIMITED**

Address of Applicant :IP CELL, PLOT NO 44,  
ELECTRONICS CITY, HOSUR ROAD, BANGALORE 560  
100 Karnataka India

(72)Name of Inventor :

**1)SUMAN ROY**

**2)SIDHARTH SHANKAR BIHARY**

**3)MANEESH KHATTRI**

(57) Abstract :

A method and apparatus for checking the fit of behaviour of a business process and observed behaviour of the system in terms of event logs. The method includes generating a behaviorally equivalent CSP description of the business process and trace equivalent CSP description of event logs. Further the generation of CSP processes for a business process includes segregating a business process model into a set of workflow patterns with connectivity between the workflow patterns, generating a CSP process corresponding to each workflow pattern, composing the CSP processes in parallel with connectivity between the CSP processes, and synchronizing the CSP processes on common activities of the CSP processes. Lastly the generation of a CSP description of the event log is performed by constructing a CSP process for each trace in the event log and combining the CSP descriptions using external choice operator.

No. of Pages : 28 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4081/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD FOR AUTOMATICALLY EXTENDING SEED SETS

(51) International classification	:A01C 1/00	(71) <b>Name of Applicant :</b> <b>1)HEWLETT-PACKARD DEVELOPMENT COMPANY L.P.</b>
(31) Priority Document No	:NA	Address of Applicant :11445 Compaq Center Drive West
(32) Priority Date	:NA	Houston TX 77070 U.S.A.
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)Krishnan Ramanathan</b>
Filing Date	:NA	<b>2)Govindaraju Vidhya</b>
(87) International Publication No	: NA	<b>3)Yogesh Sankarasubramaniam</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is a method of automatically extending a seed set. Based on an input seed set initial seed set candidates are generated. Also generated are categories that will vote on the initial seed set candidates. A weight for each category is determined and each initial seed set candidate is scored. The final seed set candidates are selected from the initial seed set candidates based on their scores.

No. of Pages : 15 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4082/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A PHASE SHIFTER WITH REVERSELY CONFIGURED ELECTRIC REGULATION UNITS

(51) International classification	:H02M 3/00	(71) <b>Name of Applicant :</b> <b>1)Wha Yu Industrial Co. Ltd</b>
(31) Priority Document No	:100200334	Address of Applicant :No.326 Sec. 2 Gongdao 5th Rd.
(32) Priority Date	:01/07/2011	East District Hsinchu City Taiwan (R.O.C.)
(33) Name of priority country	:Taiwan	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)Chen Peng</b>
Filing Date	:NA	<b>2)Liu Nian-Qiang</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a phase shifter with reversely configured electric regulation units, which comprising: a chamber, with its holding space consisting of a first and second side; the first feeder unit is set at the first side, and second feeder unit set at the second side; at least a reversely configured electric regulation unit, set into the holding space of the chamber, and composed of a first, second radial coupling set and sync linkage mechanism; the first and second radial coupling set are placed close to the first and second sides of the holding space; the first radial coupling set consists of a first movable coupling and first fixed coupling, of which the first movable coupling is provided with driven portion and coupling end; and the first fixed coupling is provided with feeding connection and coupling portion; the feeding connection is electrically connected with the first feeder unit, while the coupling portion is mated with the coupling end of the first movable coupling; the second radial coupling set is reversely configured with the first radial coupling set; the second radial coupling set consists of a second movable coupling and second fixed coupling, of which the second movable coupling is provided with driven portion and coupling end; and the second fixed coupling is provided with feeding connection and coupling portion; the feeding connection is electrically connected with the second feeder unit, while the coupling portion is mated with the coupling end of the second movable coupling; the sync linkage mechanism is used to drive synchronously the first and second movable couplings; a push-pull unit, consisting of driving end and driven end, of which the driving end is linked to the sync linkage mechanism of the reversely configured electric regulation units; a cover plate, used to seal the holding space of the chamber, and also conceal limitedly the push-pull unit of the reversely configured electric regulation unit; with this design, it is possible to reduce markedly the volume and space of the phase shifter, cut down the manufacturing cost and improve the mating accuracy with higher applicability.

No. of Pages : 17 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3653/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :24/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : CONTROL ACTUATION SYSTEM FOR AEROSPACE VEHICLES AND A METHOD THEREOF

(51) International classification	:G05B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)INDIAN SPACE RESEARCH ORGANISATION</b>
(32) Priority Date	:NA	Address of Applicant :ISRO HEADQUARTERS,
(33) Name of priority country	:NA	DEPARTMENT OF SPACE , ANTARIKSH BHAVAN, NEW
(86) International Application No	:NA	BEL ROAD BANGALORE 560 094 Kerala India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)BIJAN BEHARI DAS</b>
(61) Patent of Addition to Application Number	:NA	<b>2)KONIKKARA VARAPPAN SIMON</b>
Filing Date	:NA	<b>3)KACHIGERE SHANKARAI AH NAGESH</b>
(62) Divisional to Application Number	:NA	<b>4)KOTIAPPAVELAR SANKAR SUBRAMANIAN</b>
Filing Date	:NA	<b>ANAND KUMAR</b>

(57) Abstract :

Control actuation system for aerospace vehicles and a method thereof A direct drive valve based servo actuation system moves the primary flight control surfaces of airborne vehicle in response to a control signal. The invented embodiment is quadruple electrically redundant, having tandem actuators, sharing a common piston, which can be operated by independent hydraulic systems making it hydraulically dual redundant too. The system continues working normally even at failure of one of the two systems, but with a reduced force output. The system will not result in catastrophic failure of the vehicle in case of both systems becoming non-operational, thus making it safe. In addition, there is also an option provided to fail manually, any or both the systems in case of any other anomaly. A single main control valve that is also having tandem configuration controls the said tandem actuator synchronously. The single stage design of main flow controlling element to the tandem actuator and low moving masses makes the control system high reliability and excellent dynamic performance. This in turn results in high natural frequency, quick response, and correspondingly higher bandwidth of 11 Hz.

No. of Pages : 28 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.41/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :03/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : HYDROCRACKING PROCESS USING A ZEOLITE CATALYST CONTAINING TWO DISTINCT HYDROGENATING FUNCTIONS

(51) International classification	:C10G	(71)Name of Applicant :
(31) Priority Document No	:11/00.043	<b>1)IFP ENERGIES NOUVELLES</b>
(32) Priority Date	:07/01/2011	Address of Applicant :1 & 4 AVENUE DE BOIS-PREAU,
(33) Name of priority country	:France	92852 RUEIL-MALMAISON CEDEX France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)FRANCIS, JEREMY</b>
(87) International Publication No	: NA	<b>2)SIMON, LAURENT</b>
(61) Patent of Addition to Application Number	:NA	<b>3)GUILLON, EMMANUELLE</b>
Filing Date	:NA	<b>4)BATS, NICOLAS</b>
(62) Divisional to Application Number	:NA	<b>5)CORMA, AVELINO</b>
Filing Date	:NA	<b>6)PICHON, CHRISTOPHE</b>

(57) Abstract :

The invention relates to a process for hydrocracking and/or hydrotreatment of hydrocarbon feeds utilizing a catalyst comprising at least one hydro-dehydrogenating element selected from the group comprising elements of group VIB and of non-precious group VIII of the periodic table, used alone or mixed, and a support comprising at least one porous mineral matrix and at least one dealuminated USY zeolite having an overall silicon-to-aluminium atomic ratio comprised between 2.5 and 10, a fraction by weight of extra-network aluminium atom greater than 10% relative to the total mass of the aluminium present in the zeolite, a mesopore volume measured by nitrogen porosimetry greater than 0.07 ml.g-1 and a crystal parameter  $a_0$  of the elemental mesh greater than 24.28 Å, in which a quantity of the element nickel comprised between 0.5 and 3% by weight relative to the total mass of the zeolite is deposited on said USY zeolite and in which said catalyst is in the sulphide form.

No. of Pages : 46 No. of Claims : 14



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4100/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :28/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A NOVEL AND SYNERGISTIC MOUTH DISSOLVING COMPOSITION FOR TREATING ALLERGIC RHINITIS AND ASTHMA

(51) International classification

:A61K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)M/S ARVIND REMEDIES LTD.**

Address of Applicant :NO.190, POONAMALLEE HIGH ROAD, CHENNAI - 600 084 Tamil Nadu India

(72)Name of Inventor :

**1)MR. C. SENTHILKUMAR**

**2)MR. G. RAMESH KUMAR**

(57) Abstract :

The present invention relates to stable mouth disintegrating composition of Montelukast sodium and Levocetirizine hydrochloride for treating allergic rhinitis, more particularly disintegrates quickly in the cavity of the mouth less than 30 sec to give quicker onset of action.

No. of Pages : 13 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4107/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :29/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHODS&NBSP; APPARATUSES AND COMPUTER PROGRAM PRODUCTS FOR GENERATING A NEW SUBSPACE REPRESENTATION FOR FACES THAT IMPROVES DISCRIMINANT ANALYSIS

(51) International classification	:G06K	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)NOKIA CORPORATION</b>
(32) Priority Date	:NA	Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo
(33) Name of priority country	:NA	Finland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)Krishna Annasagar Govindarao</b>
(87) International Publication No	: NA	<b>2)Basavaraja S V</b>
(61) Patent of Addition to Application Number	:NA	<b>3)Gururaj Gopal Putraya</b>
Filing Date	:NA	<b>4)Pranav Mishra</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus for generating a new subspace onto which face features are projected for determining a discriminant matrix may include a processor and memory storing executable computer program code causing the apparatus to at least perform operations including utilizing one or more faces of different people in which the faces are without intra personal variations for learning discriminability between faces of different persons. The computer program code may further cause the apparatus to determine principal component vectors or Eigen vectors by applying principal component analysis on data of the clean faces that excludes the undesirable variation features to obtain a clean face space representing the clean faces based on the principal component vectors or the Eigen vectors prior to applying discriminant analysis. Corresponding methods and computer program products are also provided.

No. of Pages : 39 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3817/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :08/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A METHOD FOR HEATING AN AQUEOUS SOLUTION IN A TANK

(51) International classification	:F02D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)ROBERT BOSCH ENGINEERING AND BUSINESS</b>
(32) Priority Date	:NA	<b>SOLUTIONS LIMITED</b>
(33) Name of priority country	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(86) International Application No	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	<b>2)ROBERT BOSCH GMBH</b>
(61) Patent of Addition to Application Number	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)KISHOR MANDAVA</b>
(62) Divisional to Application Number	:NA	<b>2)NANDHAGOPAL K</b>
Filing Date	:NA	<b>3)CHALLA RAMESH</b>

(57) Abstract :

A method for heating an aqueous solution in a tank by passing exhaust gas through said tank is disclosed. The method comprising the following steps: measuring temperature of the exhaust gas in an exhaust gas path; measuring temperature of the aqueous solution; switching on a burner to heat the exhaust gas in the exhaust gas path and passing heated exhaust gas through the tank.

No. of Pages : 11 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4118/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :29/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A COMPRESSOR FOR A TURBOCHARGER

(51) International classification	:F02B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)ROBERT BOSCH ENGINEERING AND BUSINESS</b>
(32) Priority Date	:NA	<b>SOLUTIONS LIMITED</b>
(33) Name of priority country	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(86) International Application No	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	<b>2)ROBERT BOSCH GMBH</b>
(61) Patent of Addition to Application Number	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)KANAGARAJ T</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A compressor for a turbocharger and a method to operate to a turbocharger using a compressor of this invention is disclosed. The compressor 10 comprises a housing 12 has an inlet 14 and an outlet 16 and a compressor wheel 18 located in the housing 12. The compressor further comprises a diverting component 20 located in proximity of the compressor wheel 18, an actuating means 22 adapted to switch the diverting component 20 from a first operative position to a second operative position and vice versa; and a flow path 24 adapted to redirect compressed fresh air in direction of the compressor wheel 18. The method of operating a turbocharger using a compressor 10 comprises the following steps: detecting demand of compressed fresh air from an engine; activating an actuating means in dependence of the detected demand of compressed fresh air from an engine; switching a diverting component from a first operative position to a second operative position; and diverting compressed fresh air from an outlet of said compressor and fresh air compressed by a compressor wheel towards a flow path in said compressor.

No. of Pages : 14 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.412/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : PARAMAGNETIC GAS SENSOR APPARATUS AND ADJUSTMENT METHOD•

(51) International classification :G01V  
(31) Priority Document No :1102178 9  
(32) Priority Date :08/ 2/201  
(33) Name of priority country :U.K.  
(86) International Application No :NA  
Filing ate :NA  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)SERVOMEX GROUP LIMITED**  
Address of Applicant :Jarvis Brook Crowborough East  
Sussex TN6 3DU United Kingdom  
(72)**Name of Inventor :**  
**1)Ian C. GASKIN**  
**2)Richard P. KOVACICH**  
**3)Christopher R. EDWARDS**  
**4)James D. HOBBY**  
**5)Martin LOPEZ**

(57) Abstract :

This present invention relates to a device for the measurement of the amount of oxygen in a gas mixture or other gas with significantly different magnetic susceptibility than the background gas mixture by the use of a suspended test body in a magnetic field that experiences force due to the magnetic susceptibility of the measurand gas. In order to enable a fast time response for the system with a change in oxygen concentration a flow regime is presented which allows a fast sweep of the measurement volume combined with adjustable balanced pressure drops via a flow balancing element (or elements) within the flow channels to independently minimise flow related uncertainties.

No. of Pages : 26 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4120/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :29/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD&NBSP; APPARATUS AND COMPUTER PROGRAM PRODUCT FOR CLASSIFICATION OF OBJECTS

(51) International classification

:G06K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)NOKIA CORPORATION**

Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo  
Finland

(72)Name of Inventor :

**1)Krishna Annasagar Govindarao**

**2)Gururaj Gopal Putraya**

(57) Abstract :

In accordance with various example embodiments, methods, apparatuses, and computer program products are provided. A method comprises accessing a gallery comprising a plurality of classes, determining distances between classes of the plurality of classes, and determining thresholds for one or more classes of the gallery for classifying test objects in the classes, wherein threshold for a class is determined based on at least one distance of the class from at least one remaining class of the plurality of classes. The apparatus comprises at least one processor and at least one memory, configured to, cause the apparatus to perform accessing a gallery comprising a plurality of classes, determining distances between classes of the plurality of classes, and determining thresholds for classes of the gallery for classifying test objects in the classes, wherein threshold for a class is determined based on distances of the class from remaining classes of the gallery.

No. of Pages : 49 No. of Claims : 84

(12) PATENT APPLICATION PUBLICATION

(21) Application No.407/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : A BOTTLE-CLOSING DEVICE

(51) International classification	:B65D 51/00	(71) <b>Name of Applicant :</b> <b>1)FABIANO Nicola</b>
(31) Priority Document No	:MI2011A 002297	Address of Applicant :Via Fratelli Mascherpa 1 I-20090 Buccinasco (MI) Italy
(32) Priority Date	:16/12/2011	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Italy	<b>1)FABIANO Nicola</b>
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A bottle-closing device (10) comprising a cap (11) having a first top portion (12) and a side portion (13); a diffusing group (14 15) suitable for coupling at the top with the cap (11) and at the bottom with a bottle neck; a covering case (20) comprising a second top portion (21) and a bottom portion (22) connected to each other along a breaking line (23) the second top portion (21) of said covering case (20) being suitable for coupling with the cap (11) so as to move with respect to the cap (11) between a first assembly position and a second position subsequent to the first opening of the device (10) wherein the second top portion (21) is irreversibly constrained thereto by constraining means (24 25 26 34 35); the bottle-closing device (10) being characterised in that the constraining means (24 25 26 34 35) comprise at least one protruding portion (24) realized inside the second top portion (21) and at least a first (25) and at least a second (26) receiving seat realized on the side portion (13) of the cap (11) the protruding portion (24) is at least partially housed in the receiving seats (25 26) when the second top portion (21) is in an assembly and partial covering position respectively.

No. of Pages : 20 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4072/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR SUPPLY CHAIN OPTIMIZATION

(51) International classification	:G06Q	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)INFOSYS LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :IP CELL, PLOT NO 44,
(33) Name of priority country	:NA	ELECTRONICS CITY, HOSUR ROAD, BANGALORE 560
(86) International Application No	:NA	100 Karnataka India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)ABHISHEK GOYAL</b>
(61) Patent of Addition to Application Number	:NA	<b>2)RAJEEV RANJAN</b>
Filing Date	:NA	<b>3)NIKHIL KUMAR</b>
(62) Divisional to Application Number	:NA	<b>4)PADMINI RAMAKRISHNA TALAGAVARAM</b>
Filing Date	:NA	

(57) Abstract :

Method and systems for supply chain optimization include identifying at least one existing system limitation associated with a high technology organization, identifying a supply chain optimization scheme enabled by an enterprise resource planning implementation for the high technology organization on the basis of the one or more system limitations, comparing one or more process flows and requirements associated with the supply chain of the high technology organization with a plurality of pre-developed process flows and requirements, deploying a pre-developed enterprise resource planning system configuration kit for the enterprise resource planning implementation; and providing a key performance indicator framework based on best practices and benchmarks relevant to the high technology organization, wherein the key performance indicator framework comprises one or more performance metrics by which the time and cost efficiency of a supply chain is measured.

No. of Pages : 35 No. of Claims : 32



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4146/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SPEED REDUCTION UNIT USED IN WIND POWER GENERATION FACILITY

(51) International classification	:F03D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-293613	<b>1)SUMITOMO HEAVY INDUSTRIES, LTD.</b>
(32) Priority Date	:28/12/2010	Address of Applicant :1-1, OSAKI 2-CHOME,
(33) Name of priority country	:Japan	SHINAGAWA-KU, TOKYO 141-6025 Japan
(86) International Application No	:NA	<b>2)THE JAPAN STEEL WORKS, LTD.</b>
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)KIYOJI MINEGISHI</b>
(61) Patent of Addition to Application Number	:NA	<b>2)TOSHIROU SHIMADA</b>
Filing Date	:NA	<b>3)NORIO KUBO</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The protection of a speed reduction unit used in a wind power generation facility from overspeed and the maintaining of a certain level of a braking force (the prevention of the excessive shaking of an object to be driven) are reasonably and safely satisfied at the same time. Speed reduction units G1 to G4 used in a wind power generation facility 10 include brake mechanisms (braking means) B1 that are provided on power transmission paths of the speed reduction units G1 to G4 . Each of the brake mechanisms B1 includes brake shoes (first part) 54 provided on a joint shaft (first member) 26, which rotates at a higher speed, of two members rotating relative to each other and a brake drum (second part) 56 (which is stationary in this example) provided on a second member that rotates at a speed lower than the speed of the joint shaft 26 or is fixed. If the rotation speed of the joint shaft 26 or the brake drum 56 becomes equal to or higher than a predetermined rotation speed, the brake shoes 54 and the brake drum 56 come into contact with each other through centrifugal force, so that the rotation speed of the joint shaft 26 is reduced.

No. of Pages : 34 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4059/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :24/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR PROVIDING STAKEHOLDER SERVICES

(51) International classification	:G06F19/00	(71) <b>Name of Applicant :</b> <b>1)GENERAL ELECTRIC COMPANY</b> Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 U.S.A.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)BHASKAR, TARUN</b>
Filing Date	:NA	<b>2)SUBRAMANIAN, GOPI</b>
(87) International Publication No	: NA	<b>3)THANGAPRABHU, AROKIASWAMY</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system, comprising a data repository comprising historical health records and socio-economic condition records of a plurality of patients, and a plurality of processing subsystems that are operationally coupled to the storage device, wherein the plurality of processing subsystems comprise two or more service modules that are configured to provide selective stakeholder services to one or more of a plurality of stakeholders based upon a plurality of parameters.

No. of Pages : 35 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4160/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND APPARATUS FOR IMAGE STITCHING

(51) International classification	:B65B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)NOKIA CORPORATION</b>
(32) Priority Date	:NA	Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo
(33) Name of priority country	:NA	Finland
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)Veldandi Muninder</b>
(87) International Publication No	: NA	<b>2)Basavaraja S V</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Various methods are provided for processing images. One example method may include computing a starting point and an ending point for an image seam as defined by an intersection of a rectangle bounding a first image and a rectangle bounding a second image. The method may also include determining whether the starting point and the ending point for the image seam are final points based on a determined mask region. The method may also include refining the starting point and the ending point by using an intersection of a mask image of the first image and a mask image of the second image in an instance in which it is determined that the starting point and the ending point are not final points. The method may also include computing a seam direction and one or more seam points using the starting point and the ending point.

No. of Pages : 33 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4161/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A METHOD OF GENERATING AN ALERT WHILE IMAGING A BREAST OF A SUBJECT DURING MAMMOGRAM

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:NA	Address of Applicant :1 River Road Schenectady New
(33) Name of priority country	:NA	York 12345 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RAJA SHEKHARA
(87) International Publication No	: NA	2)RAGHAVAN RANGANATHAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for alerting an operator while imaging breast of a patient during mammography is disclosed. If the pressure applied by patient on the chest wall is not within a predefined set of values an alarm indication is given to the operator of the mammography unit. In an embodiment the placement of breast of the patient within a field of view is sensed. In case the breast is not placed within the range an alarm indication is given requiring to reposition the breast within the range to cover all the tissues while scanning.

No. of Pages : 18 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4162/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :01/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF POLYHYDROXYSTILBENE COMPOUNDS BY DEPROTECTION OF THE CORRESPONDING ETHERS

(51) International classification	:C07H	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)LAURUS LABS PVT LTD</b>
(32) Priority Date	:NA	Address of Applicant :2ND FLOOR, SERENE
(33) Name of priority country	:NA	CHAMBERS ROAD#7, BANJARA HILLS HYDERABAD -
(86) International Application No	:NA	500 034 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)HARISH NIRANJANLAL DORWAL</b>
(61) Patent of Addition to Application Number	:NA	<b>2)SANDIRANE SABAPATHY</b>
Filing Date	:NA	<b>3)SEETA RAMANJANEYULU GORANTLA</b>
(62) Divisional to Application Number	:NA	<b>4)SATYANARAYANA CHAVA</b>
Filing Date	:NA	

(57) Abstract :

The present invention provides a process for preparation of Polyhydroxystilbene compounds by deprotection of the corresponding ethers using aluminium halide and a secondary amine. The present invention particularly provides a process for preparation of Polyhydroxystilbene compounds such as Resveratrol, Oxyresveratrol, Piceatannol, Gnetol and the like.

No. of Pages : 26 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4163/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :01/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : ROTATING ELECTRICAL MACHINE

(51) International classification	:H02K	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-015338	<b>1)KABUSHIKI KAISHA YASKAWA DENKI</b>
(32) Priority Date	:27/01/2011	Address of Applicant :2-1, KUROSAKI-SHIROISHI,
(33) Name of priority country	:Japan	YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA 806-
(86) International Application No	:NA	0004 Japan
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)MIURA, KAZUO</b>
(61) Patent of Addition to Application Number	:NA	<b>2)FUKUMA, YUUTO</b>
Filing Date	:NA	<b>3)NAGAO, MITSUNORI</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A rotating electrical machine according to an embodiment includes a rotor rotatable around a rotation axis, a stator arranged to face the rotor, and a frame which accommodates the rotor and the stator and in which a refrigerant flow path is formed in a sidewall. The frame includes a through hole that penetrates from the refrigerant flow path to an outer periphery of the sidewall and is covered by a lid member.

No. of Pages : 23 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4167/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :01/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : DRAFT DEVICE IN PRESPINNING PROCESS

(51) International classification	:G01L	(71)Name of Applicant :
(31) Priority Document No	:2010-270074	1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
(32) Priority Date	:03/12/2010	Address of Applicant :2-1, TOYODA-CHO, KARIYA-SHI,
(33) Name of priority country	:Japan	AICHI-KEN Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KAWAI, MOTOHIRO
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A draft device in the prespinning process includes a bottom roller whose roller gauge is adjustable, a belt for driving the bottom roller, a tension pulley that can urge the belt downward, a support member for supporting the tension pulley, an urging member that can urge the support member downward so as to provide a desired tension to the belt through the tension pulley and an urging force releasing device for releasing an urging force of the urging member. The urging force releasing device is provided above the tension pulley so as to be operable above the tension pulley.

No. of Pages : 23 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3919/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :15/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : DATA SCRAMBLING BASED ON TRANSITION CHARACTERISTIC OF THE DATA•

(51) International classification	:H04N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SANDISK TECHNOLOGIES INC.
(32) Priority Date	:NA	Address of Applicant :Two Legacy Town Center 6900
(33) Name of priority country	:NA	North Dallas Parkway Plano Texas 75024 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Dayananda Yaraganalu Sadashivappa
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of storing data includes receiving data to be written to a memory device. The method includes selecting a scrambling operation from at least a first scrambling operation and a second scrambling operation. The scrambling operation is selected based on a transition characteristic associated with the data. The method includes scrambling the data according to the selected scrambling operation and storing the scrambled data in the memory device. Additionally the method may include descrambling the scrambled data to produce descrambled data.

No. of Pages : 33 No. of Claims : 22



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3921/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :16/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : IMAGE SENSING ELECTRONIC SPECTACLE FOR BLIND

(51) International classification	:G02C	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)DANIEL T. DAVY</b>
(32) Priority Date	:NA	Address of Applicant :THOLATH HOUSE, PATTAMBI
(33) Name of priority country	:NA	ROAD, KUNNAMKULAM P.O., THRISUR - 680 503 Kerala
(86) International Application No	:NA	India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)DANIEL T. DAVY</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An electronic spectacle made of fibre or metallic with a day and night camera placed at the centre of the frame. Instruction speakers are connected to left leg and right leg of spectacle close to the ear holes. The processing unit is connected to spectacle using wire. The processing unit is placed either in pocket or attached to the body using a leather belt. The images captured by the camera are sent to the processing unit which processes the same and generates output as voice instruction.

No. of Pages : 7 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4184/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :02/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : 3RD INVINCIBLE EYE

(51) International classification	:G02B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)SRINIVAS. M. D.</b>
(32) Priority Date	:NA	Address of Applicant :D-32-11, IIT CHENNAI-36 Tamil
(33) Name of priority country	:NA	Nadu India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SRINIVAS. M. D.</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

It's a fast pacing world where it's possible to make the rivers stationary and to make the mountains move. Everything is becoming possible by using the technology available. This has made the human race to become more lethargic by providing all their requirements side by their chair. This has made out the so called couch potatoes to become more obese too, turning out huge ransom for obesity clinics. Okay!! Coming to the point, we humans have become so addicted to these technologies that we hardly ever want to move from our sitting place (e.g.) Even for switching on the fan, when remote controls have come to hand. But think about the challenged people and aged people. They will find it extremely difficult to move around and this project by me is planned and devised to help those God's gifted people by using the technology in software and hardware developed me. When the entire world is trying to minimize the hurdles faced by these people, I am trying to contribute my part through my innovative technology.

No. of Pages : 11 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4188/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :02/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : LITHOGRAPHIC PRINTING PLATE PRECURSOR&NBSP; PLATE MAKING METHOD THEREOF AND LITHOGRAPHIC PRINTING METHOD THEREOF

(51) International classification	:B41C	(71)Name of Applicant :
(31) Priority Document No	:2010-294338	<b>1)FUJIFILM Corporation</b>
(32) Priority Date	:28/12/2010	Address of Applicant :26-30 Nishiazabu 2-chome Minato-
(33) Name of priority country	:Japan	ku Tokyo Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)KANEHISA Mayuko</b>
(87) International Publication No	: NA	<b>2)OOHASHI Hidekazu</b>
(61) Patent of Addition to Application Number	:NA	<b>3)KOYAMA Ichiro</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A lithographic printing plate precursor includes: an image-recording layer containing a thermoplastic polymer fine particle an infrared absorbing agent and a polymer compound; and a support having a hydrophilic surface and the polymer compound has a star-like shape in which a main chain is branched to three or more branches and the branched main chains have a hydrophilic group in a side chain of the branched main chain.

No. of Pages : 57 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4194/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :02/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR SIMULATING AERODYNAMICS OVER AN AIRCRAFT FOR A DEFLECTED POSITION OF A MOVABLE AIRCRAFT CONTROL SURFACE USING A STRUCTURED CHIMERA MESH

(51) International classification	:B64D	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)Airbus Engineering Centre India</b>
(32) Priority Date	:NA	Address of Applicant :RMZ Infinity Campus Tower B III
(33) Name of priority country	:NA	Floor Unit #301 Old Madras Road Bangalore - 560016 India
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)TARUN JAIN</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method for simulating aerodynamics over an aircraft for a deflected position of a movable aircraft control surface using a structured chimera mesh are disclosed. In one embodiment a mesh assembly of the aircraft is created by overlapping a background mesh and a structured chimera mesh for the deflected position of the movable aircraft control surface. Further mesh cell sizes within overlapping boundaries of the background mesh and the structured chimera mesh are analyzed. Furthermore the structured chimera mesh is regenerated based on the analysis. In addition the mesh assembly of the aircraft is reformed based on the regenerated structured chimera mesh. Also a masked mesh of the aircraft is created by auto masking the reformed mesh assembly. Moreover aerodynamics is simulated over the aircraft for the deflected position of the movable aircraft control surface using the masked mesh.

No. of Pages : 36 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3714/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :31/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : NOVEL AEROBIC COMPOSTING OF SOLID AND LIQUID ORGANIC MATTER USING LIGNO-CELLULOSIC MATERIALS AND LIGNOLYTIC MICROBES

(51) International classification	:C05F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. MANOJ CHUZHATTIL NARAYANAN
(32) Priority Date	:NA	Address of Applicant :PELICAN BIOTECH & CHEMICAL
(33) Name of priority country	:NA	LABS, 601 A, VAYALAR P.O, CHERTHALA, ALAPUZHA -
(86) International Application No	:NA	688 536 Kerala India
Filing Date	:NA	2)DR. PRIYA RAGHAVENDRA RAO
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DR. MANOJ CHUZHATTIL NARAYANAN
Filing Date	:NA	2)DR. PRIYA RAGHAVENDRA RAO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides a new process of aerobic composting of solid and liquid material using a novel application of natural ligno-cellulosic matrix/substrate like coir pith, sawdust, palm leaves, hay etc which provide the aerobic condition, maintain structural integrity of the matrix, absorbs liquid materials preventing leaching and adsorb odor and stench creating gases.

No. of Pages : 7 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3717/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :31/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD&NBSP; APPARATUS AND COMPUTER PROGRAM PRODUCT FOR CAPTURING IMAGES

(51) International classification

:H04N

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)NOKIA CORPORATION**

Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo

Finland

(72)Name of Inventor :

**1)Veldandi Muninder**

(57) Abstract :

In accordance with various example embodiments, methods, apparatuses, and computer program products are provided. A method comprises facilitating capturing of a first image of a scene from a first position of the apparatus, tracking a movement of the apparatus for facilitating movement of the apparatus from the first position to a second position, and facilitating capturing of a second image of the scene from the second position of the apparatus. The apparatus comprises at least one processor and at least one memory comprising computer program code, configured to, cause the apparatus to perform facilitating capturing of a first image of a scene from a first position, tracking a movement of the apparatus for facilitating movement of the apparatus from the first position to a second position, and facilitating capturing of a second image of the scene from the second position of the apparatus.

No. of Pages : 43 No. of Claims : 77

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3718/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :31/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : OCEAN POWER PLANT

(51) International classification	:F03B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)BIRBAL KUSHWAHA</b>
(32) Priority Date	:NA	Address of Applicant :NO.6 THIRUPATHY NAGAR,
(33) Name of priority country	:NA	AVADI-VELTECH ROAD, VELLANOOR, TIRUVALLUR-
(86) International Application No	:NA	DISSTRIC, CHENNAI - 600 062 Tamil Nadu India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)BIRBAL KUSHWAHA</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Ocean power plant is the best option for the energy in present and in the future. This project can be established at ocean coastline overall the world it has no limitations of location and tides condition at coastline. It is environmental friendly, high efficiency, average construction cost, High durability and very low maintenancecost. Thus use of ocean power plant generate so much electricity in the India as well as in the World and can be saved the nonrenewable source of energy.

No. of Pages : 7 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.372/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : COMPLEX PIERCED MICROMECHANICAL PART

(51) International classification	:C23C	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:11153244.6	<b>1)Nivarox-FAR S.A.</b>
(32) Priority Date	:03/02/2011	Address of Applicant :Avenue du Collège 10 2400 Le
(33) Name of priority country	:EPO	Locle Switzerland
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)CUSIN Pierre</b>
(87) International Publication No	: NA	<b>2)RICHARD David</b>
(61) Patent of Addition to Application Number	:NA	<b>3)DUBOIS Philippe</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Complex pierced micromechanical part The invention relates to a method of fabricating a micromechanical part (11 31 41) made of a single piece material. According to the invention the method includes the following steps: a) forming a substrate (1 21) which includes the negative cavity (3 23) for said micromechanical part to be fabricated; b) forming a sacrificial layer (5 25) on one portion of the substrate (1 21); c) depositing particles (6 26) on the substrate (1 21) intended to form a germination layer; d) removing the sacrificial layer (5 25) so as to selectively leave one portion of the substrate (1 21) free of any particles (6 26); e) depositing a layer of material (7 27) by chemical vapour phase deposition so that the material is exclusively deposited where the particles (6 26) remain; f) removing the substrate (1 21) to release the micromechanical part (11 31 41) formed in said negative cavity.

No. of Pages : 23 No. of Claims : 10



(12) PATENT APPLICATION PUBLICATION

(21) Application No.42/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :03/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : OPTICAL FIBER END PROCESSING METHOD AND OPTICAL FIBER END PROCESSING APPARATUS AND OPTICAL FIBER END

(51) International classification	:B65B	(71)Name of Applicant :
(31) Priority Document No	:2011-000375	<b>1)HITACHI CABLE, LTD.</b>
(32) Priority Date	:05/01/2011	Address of Applicant :14-1, SOTOKANDA 4-CHOME,
(33) Name of priority country	:Japan	CHIYODA-KU, TOKYO Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)MASAO TACHIKURA</b>
(87) International Publication No	: NA	<b>2)NORIBUMI SHIINA</b>
(61) Patent of Addition to Application Number	:NA	<b>3)TATSUO TERAOKA</b>
Filing Date	:NA	<b>4)YOSHIYUKI HIRAMOTO</b>
(62) Divisional to Application Number	:NA	<b>5)MITSUMASA ZOBUCHI</b>
Filing Date	:NA	<b>6)FUMI, MIYATA</b>

(57) Abstract :

An optical fiber end processing method for processing an end of a holey fiber includes an optical fiber fixing step of fixing two portions of an optical fiber, a first heat fusion region forming step of heating and fusing the optical fiber between the two fixed portions by a heat fusion means after the optical fiber fixing step, to form a first heat fusion region in the optical fiber, a second heat fusion region forming step of heating and fusing the optical fiber fixed between the two fixed portions by the heat fusion means while fixing the two fixed portions after the first heat fusion region forming step, moving the heat fusion means from a side of the first heat fusion region toward a base end side of the optical fiber, and pushing a heat fusion portion of the optical fiber in a direction of shortening a length of the heat fusion portion along the axial direction in synchronization with a movement of the heat fusion means, to form a second heat fusion region which is continuous to the first heat fusion region and in which the air holes of the optical fiber disappear; and a removal step of removing the first heat fusion region by cutting the optical fiber within the second heat fusion region after the second heat fusion forming step.

No. of Pages : 41 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4027/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :23/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : DECORTICATING ASSEMBLY

(51) International classification	:D01B 1/00	(71) <b>Name of Applicant :</b> <b>1)RAMAN SACHIDANANDAN VELIYATH</b>
(31) Priority Document No	:NA	Address of Applicant :VELIYATH HOUSE, NORTH
(32) Priority Date	:NA	ADUVASSERY, POST-SOUTH, ADUVASSERY, DIST-
(33) Name of priority country	:NA	ERNAKULAM - 683578 Kerala India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)RAMAN SACHIDANANDAN VELIYATH</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A decorticating assembly and a method for decorticating nutmeg with a simple impact mechanism are disclosed. Nutmeg fed in the hopper (6) drops on the centre of the disk (1) through the inlet chute (7). The disk (1), which is fixed to the shaft of vertically mounted motor (2) propels the nutmeg to the walls of the stationary cylindrical drum (3) with the help of conical projection (4) and baffles (5) on the disk (1). The impact of hitting on the walls of the drum (3) decorticates nutmeg and the kernel and broken shells fall on the motor casing (10), which will be directed to the outlet chute (12) due to gravity. The machine is easy to fabricate and requires minimal maintenance.

No. of Pages : 24 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4212/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :05/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : MULTIFLEX SYSTEM SHOE

(51) International classification	:A47B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)GODREJ &amp; BOYCE MFG. CO. LTD.</b>
(32) Priority Date	:NA	Address of Applicant :NO.1, SIDCO
(33) Name of priority country	:NA	INDUSTRIALESTATE, AMBATTUR, CHENNAI - 600 098
(86) International Application No	:NA	Tamil Nadu India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)R. JAYANTHA</b>
(61) Patent of Addition to Application Number	:NA	<b>2)SHIJU. K.P</b>
Filing Date	:NA	<b>3)N. RAVISWARAN</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Multiflex system shoe (4) adapted to be sacrosanctly fitted at the feet of angles (1) of varying shape, said angles (1) supporting a plurality of storage units(2) such as shelf panels in a multiflex system, wherein each said shoe (4) is adapted to securely receive one or more of said angles (1) of varying shapes, such that front lip (1') and side lip (1) of said angles (1) are locked inside said shoe(4).

No. of Pages : 21 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4218/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :05/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : EXHAUST DEVICE OF SADDLE-RIDE-TYPE VEHICLE

<p>(51) International classification :F01N (31) Priority Document No :2010-273625 (32) Priority Date :08/12/2010 (33) Name of priority country :Japan (86) International Application No :NA Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)<b>Name of Applicant :</b> <b>1)HONDA MOTOR CO., LTD.</b> Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan (72)<b>Name of Inventor :</b> <b>1)SUZUKI, TATSUYA</b> <b>2)SUZUKI, HITOSHI</b> <b>3)HIGASHINO, FUMIAKI</b></p>
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(57) Abstract :

To provide an exhaust device of a saddle-ride-type vehicle where an exhaust chamber can be formed efficiently and also in a limited space by making use of a separate member provided on an outer periphery of an exhaust pipe. [Means for Resolution] The exhaust device includes: communication holes 57, 58 which are formed in an extending-direction intermediate portion of an exhaust pipe 41 and allow the inside and the outside of the exhaust pipe 41 to communicate with each other; and an exhaust chamber 51 which is mounted on one side of the extending-direction intermediate portion of the exhaust pipe 41 in such a manner that the exhaust chamber 51 covers the communication holes 57,58, and the exhaust chamber 51 is formed of a single plate-shaped member 52 which is prepared by forming a steel sheet into a predetermined shape, and the plate-shaped member 52 is joined to one side of an outer peripheral surface of the exhaust pipe 41 by welding.

No. of Pages : 32 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4220/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :05/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SADDLE RIDING TYPE VEHICLE

(51) International classification	:F01N	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-272845	<b>1)HONDA MOTOR CO., LTD.</b>
(32) Priority Date	:07/12/2010	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)YANAGITA, KIYOSHI</b>
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

To provide a saddle riding type vehicle mounted with a forwardly inclined cylinder that can easily ensure a clearance between a front wheel and an under guard, while protecting a catalytic device and an exhaust system, even with a structure that includes the catalytic device disposed at a position adjacent a front surface of the cylinder. [Solving Means] A saddle riding type vehicle 10 includes: a vehicle body frame 11; an engine 30 disposed on the vehicle body frame 11, including a cylinder 3 0a in a forwardly inclined position; a catalytic device 4 0 disposed at a front lower portion of the engine 30, the catalytic device 40 including: an exhaust gas introducing section 3 9 oriented substantially at right angles; and a catalyst case disposed immediately below the exhaust gas introducing section 39; and a catalyst cover 1 disposed on the vehicle body frame 11 in a space between a front wheel WF held in place by a front fork 2 7 at a side forward of the vehicle body frame 11 and the catalytic device 40 for an exhaust gas from the engine 30, the catalyst cover 1 for covering a front portion of the catalytic device 40 from a front downward direction. The catalyst cover 1 includes an opening portion 2 0 at a portion forward of the exhaust gas introducing section 39.

No. of Pages : 58 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3835/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :08/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : GLYCOPROTEIN CONJUGATED SUPPORT

(51) International classification	:C07K	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)Dr. Reddy<sup>TM</sup>s Laboratories Limited</b>
(32) Priority Date	:NA	Address of Applicant :V. R. Srinivas Ph.D. Intellectual
(33) Name of priority country	:NA	Property Management Biologics development Center Dr.
(86) International Application No	:NA	Reddy <sup>TM</sup> s Laboratories Limited Survey Nos. 47 Bachupalli
Filing Date	:NA	Qutubullapur RR District 500 090 AP India Ka nataka India
(87) International Publication No	: NA	(72) <b>Name of Inventor :</b>
(61) Patent of Addition to Application Number	:NA	<b>1)Gazala Khan Koticha</b>
Filing Date	:NA	<b>2)Sivakumar Palani</b>
(62) Divisional to Application Number	:NA	<b>3)Manju Manojna Kuruganti</b>
Filing Date	:NA	<b>4)Vivek Arthanari</b>

(57) Abstract :

The present invention relates to a insoluble immobilizable matrix conjugated to darbepoetin alpha and an antibody or a repertoire thereof obtainable from the said matrix wherein the improvement being the antibody exhibits enhanced binding to darbepoetin in comparison to currently commercially available antibody.

No. of Pages : 14 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4224/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :05/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : IMAGE PROCESSING APPARATUS AND IMAGE PROCESSING METHOD

(51) International classification	:G02F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-276390	<b>1)CANON KABUSHIKI KAISHA</b>
(32) Priority Date	:10/12/2010	Address of Applicant :30-2, SHIMOMARUKO 3-CHOME,
(33) Name of priority country	:Japan	OHTA-KU, TOKYO Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)YOICHI KASHIBUCHI</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An image processing apparatus comprises first screen processing means configured to apply screen processing to image data using a first threshold matrix, second screen processing means configured to apply screen processing to the image data using a second threshold matrix, and edge detection means configured to detect an edge portion of an object included in the image data. The image processing apparatus also comprises output means configured to select and output image data obtained by a logical OR operation between image data obtained by the first screen processing means and image data obtained by the second screen processing means for a pixel detected by the edge detection means as an edge portion, and select and output the image data obtained by the first screen processing means for a pixel other than the edge portion.

No. of Pages : 48 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4225/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :05/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN ELECTROMECHANICAL TELESCOPIC ACTUATOR

(51) International classification	:F16C	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:10 60094	<b>1)MESSIER-BUGATTI-DOWTY</b>
(32) Priority Date	:06/12/2010	Address of Applicant :INOVEL PARC SUD, 78140
(33) Name of priority country	:France	VELIZY VILLACOUBLAY France
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)BALDUCCI, GERARD</b>
(87) International Publication No	: NA	<b>2)QUENERCH DU, MARC</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a telescopic actuator comprising: a cylinder (1) having means (2) for coupling it to a first external element; a rod (3) mounted to slide telescopically in the cylinder along a sliding axis (X) and including means (4) for coupling it to a second external element; a lead screw (5) mounted to rotate in the cylinder about the sliding axis and extending inside the rod to co-operate with a nut (6) secured to the rod, such that rotating the lead screw causes the rod to slide; drive means (7, 9) for driving the lead screw (5) in rotation; and retention means (2 0) for axially retaining the lead screw, which means hold a bearing of the lead screw captive in an axial direction; the actuator being characterized in that the retention means are arranged to retain the bearing of the lead screw with axial clearance (j\_) suitable for absorbing movements imparted to the rod relative to the cylinder.

No. of Pages : 13 No. of Claims : 4



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4226/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :05/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : DEVICE FOR DETECTING VACUUM LOSS IN A VACUUM BREAKING APPARATUS AND VACUUM BREAKING APPARATUS COMPRISING ONE SUCH DEVICE

(51) International classification	:H05K
(31) Priority Document No	:10 04796
(32) Priority Date	:09/12/2010
(33) Name of priority country	:France
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)SCHNEIDER ELECTRIC INDUSTRIES SAS**  
Address of Applicant :35, RUE JOSEPH MONIER, F-92500 RUEIL MALMAISON France  
(72)**Name of Inventor :**  
**1)SCHELLEKENS, HANS**  
**2)OLIVE, SERGE**  
**3)GAUTHIER, JEAN PIERRE**

(57) Abstract :

The present invention relates to a device for detecting vacuum loss in a vacuum breaking apparatus comprising an enclosure (1) comprising a first part at least partially made from an insulating material such as ceramic, closed at its two opposite ends by two end-plates (2,3), said enclosure (1) housing a fixed electrode (4), and a mobile electrode (5). Said enclosure (1) comprises a second part (26) made from insulating material and at least partially placed around the above-mentioned first part, this second part forming an over-moulding of the enclosure and comprising a layer of electrically earthed conducting material (15) forming a shielding on at least a part of its outer surface. This strip (16) called first strip of this layer is insulated from the rest of said layer (15), this strip called first strip being located facing both the first insulating part (8) and either the fixed electrode (4) or the mobile electrode (5), this strip called first strip (16) forming a capacitance composed of two capacitances in series, respectively a capacitance called vacuum capacitance (17) situated between the mobile electrode (5) or fixed electrode (4) and the inner surface of the insulating first part (8), and a capacitance called solid capacitance (18), fitted between the inner surface of the above-mentioned insulating first part (8) and the strip called first strip (16), and means for measuring the current flowing in the strip called first strip (16), a certain value of the change of current value translating a vacuum loss inside the vacuum breaking apparatus.

No. of Pages : 20 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3967/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :18/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : LOW BANDWIDTH MACHINE TYPE COMMUNICATION IN A LONG TERM EVOLUTION NETWORK

(51) International classification	:H04L	(71)Name of Applicant :
	12/00	<b>1)SAMSUNG INDIA SOFTWARE OPERATIONS</b>
(31) Priority Document No	:NA	<b>PRIVATE LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :Bagmane Lakeview Block B No.
(33) Name of priority country	:NA	66/1 Bagmane Tech Park C V Raman Nagar Byrasandra
(86) International Application No	:NA	Bangalore 560093 Karnataka India Bihar India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)JAMADAGNI SATISH NANJUNDA SWAMY</b>
(61) Patent of Addition to Application Number	:NA	<b>2)GANAPATHI SARVESHA ANEGUNDI</b>
Filing Date	:NA	<b>3)NAIR JINESH PARAMESHWARAN</b>
(62) Divisional to Application Number	:NA	<b>4)DWARAKANATH PRADEEP</b>
Filing Date	:NA	

(57) Abstract :

The present invention provides a method and system for enabling machine type communication in a long term evolution (LTE) network environment. In one embodiment, a Physical (PHY) layer of a LTE protocol stack maps data bits in resource elements of a logical channel to resource elements of a physical channel. The PHY layer identifies the data bits intended for legacy devices but mapped to a first set of resource elements of machine type communication (MTC) devices and the data bits intended for the MTC device but mapped to the second set of resource elements of the legacy devices. Accordingly, the PHY layer remaps the data bits intended for the legacy devices to the second set of resource elements and the data bits intended for the MTC devices to the first set of resource elements prior to transmission.

No. of Pages : 34 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4231/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :05/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : NAVIGATION DATA STRUCTURE GENERATION AND DATA TRANSMISSION FOR OPTIMAL TIME TO FIRST FIX

(51) International classification

:G01S

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)ACCORD SOFTWARE & SYSTEMS PVT. LTD.**

Address of Applicant :NO. 37, K R COLONY, DOMLUR  
LAYOUT, BANGALORE - 560 071 Karnataka India

(72)Name of Inventor :

**1)VYASARAJ GURU RAO**

(57) Abstract :

A method and system for transmitting navigation data to a satellite navigation receiver for reducing time to first fix is provided. A signal generation system generates a navigation data structure comprising a first sub-frame and a second sub-frame for accommodating selective ephemeris data, a third sub-frame for accommodating first parameters of almanac data, and a fourth sub-frame for accommodating a text message comprising second parameters of almanac data, and transmits the selective ephemeris data and the first and second parameters of almanac data to the satellite navigation receiver. The configuration of the navigation data structure enables the satellite navigation receiver to collect the navigation data in reduced time. Each satellite of a constellation simultaneously transmits distinct first parameters of the almanac data in the third sub-frame of the navigation data structure to the satellite navigation receiver, thereby allowing the satellite navigation receiver to receive collective almanac data in reduced time.

No. of Pages : 87 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4234/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :05/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A PRECISION CONTROLLED CARBONYL GENERATOR

(51) International classification	:G01N	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)NoPo Nanotechnologies India Private Limited</b>
(32) Priority Date	:NA	Address of Applicant :SPL 22 KSSIDC Industrial Estate
(33) Name of priority country	:NA	2nd Phase Jigani Industrial Area Anekal Taluk Bangalore
(86) International Application No	:NA	562106 INDIA Andhra Pradesh India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)Gadhadar C Reddy</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides a process for controlled generation of metal carbonyl, the process comprising flushing a hydrogen gas at a preset pressure through the metal to obtain activated metal; heating the metal in presence of a gas mixture at a preset parameter setting; and rapidly cooling the hydrogen gas flushed metal to obtain metal carbonyl. A system for controlled generation of metal carbonyl is also provided.

No. of Pages : 13 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4238/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :05/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND SYSTEM FOR HANDLING IN-DEVICE CO-EXISTENCE INTERFERENCE CO-EXISTENCE INTERFERENCE IN USER EQUIPMENT

(51) International classification	:G06T	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)SAMSUNG INDIA SOFTWARE OPERATIONS</b>
(32) Priority Date	:NA	<b>PRIVATE LIMITED</b>
(33) Name of priority country	:NA	Address of Applicant :Bagmane Lakeview Block B No.
(86) International Application No	:NA	66/1 Bagmane Tech Park C V Raman Nagar Byrasandra
Filing Date	:NA	Bangalore 560093 Karnataka India Himachal Pradesh India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	<b>1)BAGHEL Sudhir Kumar</b>
Filing Date	:NA	<b>2)MANEPALLI Venkateswara Rao</b>
(62) Divisional to Application Number	:NA	<b>3)INGALE Mangesh Abhimanyu</b>
Filing Date	:NA	<b>4)LIESHOUT Gert-Jan Van</b>

(57) Abstract :

The present invention relates to method and system for handling in-device coexistence interference in the user equipment. The method includes the steps of detecting in-device coexistence interference between one or more of a plurality of carrier frequencies of Long Term Evolution (LTE) radio technology and at least one frequency of non-LTE radio technologies, determining at least one of the one or more LTE carrier frequencies for which a measurement object is configured, and transmitting interference information associated with the at least one LTE carrier frequency affected by the in-device coexistence interference. The interference information includes a measurement object identifier of the at least one carrier LTE frequency, Direction of Interference (DOI), and time domain multiplexing assistance information. The method further includes receiving a configured solution from the network entity which help mitigate the in-device co-existence interference at the user equipment.

No. of Pages : 58 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3887/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : Intelligent seamless control information flow between Wi-Fi devices to deliver a scalable integrated classroom experience

(51) International classification	:G09B	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)GOWDHAMAN MARGABANDU</b>
(32) Priority Date	:NA	Address of Applicant :216 Vakil Garden City Kanakapura
(33) Name of priority country	:NA	Road Thalagattapura Bangalore 560062 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)GOWDHAMAN MARGABANDU</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention code named Medulla is an overall RWAP (Restricted Wireless Access Protocol) based solution to enable the future of electronically integrated classrooms. The device will have Wi-Fi capabilities and the proprietary MSAP (Medulla Software Access Point) will ensure master slave connectivity between a host of devices with Wi-Fi capabilities. This is illustrated in DRAWING 1. 2. As stated in claim 1 the Medulla will be a device and the proprietary software would cater to connectivity between various compatible devices and equipment to help change classrooms forever. 3. The Medulla will have a reader software which is exclusively meant for students with features like ~exam mode™ ~inbuilt reference for videos/audio support in™ ~parent/teacher communication mechanisms™, 4. For teachers it would contain subject text books and have unique features like ~automated attendance capture™ ~push notes™ ~control for projectors and blinds in classroom™ ~attention capture mechanisms™

No. of Pages : 5 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.389/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :01/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : PESTICIDAL MATERIAL FOR HEAT TRANSPIRATION AND METHOD FOR CONTROLLING PESTS BY HEAT TRANSPIRATION

(51) International classification	:A01N	(71)Name of Applicant :
(31) Priority Document No	:2011-022355	<b>1)SUMITOMO CHEMICAL COMPANY, LIMITED</b>
(32) Priority Date	:04/02/2011	Address of Applicant :27-1, SHINKAWA 2-CHOME,
(33) Name of priority country	:Japan	CHUO-KU, TOKYO 104-8260 Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)SASAKI, TAKASHI</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a pesticidal material for heat transpiration and a method for controlling pests by heat transpiration that enable to provide a stable transpiration and thus a stable pesticidal effect. A pesticidal material for heat transpiration which has an aqueous pesticidal composition comprising a pesticidal active ingredient, glycol ether and water, and a liquid-absorbing wick that is set up so as to be dipped into the composition, the glycol ether content in the composition and the porosity of the wick satisfying the following equation: Equation:  $0.17 < a/b < 2.5$ , wherein the a represents the glycol ether content (wt%) in the composition and the b represents the porosity (%) of the wick.

No. of Pages : 59 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.389/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : PROCESS FOR HYDROGENATION OF HALOGENOALKENES WITHOUT DEHALOGENATION

(51) International classification	:C07D
(31) Priority Document No	:09163227.3
(32) Priority Date	:19/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/058672
Filing Date	:18/06/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)LEK PHARMACEUTICALS D.D.**  
Address of Applicant :Verovskova 57 1526 Ljubljana  
Slovenia  
(72)**Name of Inventor :**  
**1)GAZIC SMILOVIC Ivana**  
**2)CASAR Zdenko**

(57) Abstract :

The present invention relates in general to the field of organic chemistry and in particular to the preparation of halogenoalkanes.

No. of Pages : 39 No. of Claims : 18



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4252/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :07/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : MEDICAL INSTRUMENT FOR MICRO INVASIVE APPLICATIONS

(51) International classification	:A61L	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:10 015	<b>1)CARL FREUDENBERG KG</b>
(32) Priority Date	:20/12/2010	Address of Applicant :HOHNERWEG 2-4, 69469
(33) Name of priority country	:EPO	WEINHEIM Germany
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)DANIEL NEUMULLER</b>
(87) International Publication No	: NA	<b>2)DENIS REIBEL</b>
(61) Patent of Addition to Application Number	:NA	<b>3)DIRK GRAFAHREND</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A medical instrument, consisting of a Tube (2) and a Plunger (3) absorbed inside the Tube (2), where the Plunger (3) is mobile in relation to the Tube (2) and can be slid within the Tube (2), and where the Plunger (3) blocks/closes a first end (2a) of the Tube (2), is with reference to the challenge to provide to present a medical instrument, which is so equipped that a biologically degradable material can be transported non-destructive through a tube, and can be positioned without any problem, is thereby characterized that in Tube (2) a biologically degradable fleece (4) is absorbed, where the fleece (4) can be extricated/ejected from the tube (2) by means of activating the plunger(3)

No. of Pages : 20 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4255/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :07/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYSTEM AND METHOD OF GENERATING COMMISSIONING DIAGRAM AUTOMATICALLY

(51) International classification

:G05B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)SCHNEIDER ELECTRIC INDUSTRIES SAS**

Address of Applicant :35, RUE JOSEPH MONIER, F-92500 RUEIL MALMAISON France

(72)Name of Inventor :

**1)MANIKANDAN T.S.**

**2)NARESH PONNAM**

**3)MAYANK KULSHRESTHA**

(57) Abstract :

The invention discloses a system and a method of generating commissioning diagram automatically for an automation setup. The system includes a location module (602) for receiving location, an identification module (604) for automatically determining identification, and a control module (606) for assigning address to each of the device connected to the automation setup. The control module plots device location and identification on a floor map of the automation setup and automatically generates the commissioning diagram. The system includes a data module (610) for storing the device information, and a display module (608) for displaying the commissioning diagram.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4083/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :28/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND SYSTEM FOR IDENTIFICATION OF VASCULAR INPUT FUNCTIONS

(51) International classification	:G06F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)GENERAL ELECTRIC CAMPANY</b>
(32) Priority Date	:NA	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:NA	NEW YORK 12345 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SHANBAG, DATTESH DAYANAND</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for identifying a vascular input function in an anatomical region of interest is presented. The method includes selecting a subset of image slices from a plurality of image slices in an image data set, wherein the subset of image slices corresponds to a localized set of image slices. Furthermore, the method includes generating a vascular input function search mask for each image slice in the localized set of image slices. In addition, the method includes computing one or more parameters corresponding to each of the vascular input function search masks. The method also includes identifying a vascular input function corresponding to each image slice in the localized set of image slices based on a ranking of the one or more parameters. Moreover, the method includes generating a vascular input function corresponding to the anatomical region of interest based on the identified vascular input functions. Systems configured to perform the method for automatic mismatch correction of image volumes are also presented.

No. of Pages : 36 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4084/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :28/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR DETECTION AND IMAGING OF SAMPLE ARRAYS

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:NA	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:NA	NEW YORK 12345 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VARTAK, SAMEER DINKAR
(87) International Publication No	: NA	2)MAITY, SANDIP
(61) Patent of Addition to Application Number	:NA	3)LANGOJU, RAJESH VEERA VENKATA LAKSHMI
Filing Date	:NA	4)PATIL, ABHIJIT VISHWAS
(62) Divisional to Application Number	:NA	5)SHARMA, RACHIT
Filing Date	:NA	

(57) Abstract :

A detection system for an array of samples is provided. The system comprises an electromagnetic radiation source, a sensing substrate comprising a plurality of sample regions disposed on a side, where the sample regions are configured to receive the array of samples, and where the sample regions comprise one or more detection elements comprising electrically conductive structures, gratings, partially reflecting surfaces, waveguides, or combinations thereof. The system further comprises a fluidic device operatively coupled to the side of the sensor substrate, a phase difference generator, and an imaging spectrometer configured to discriminate between two or more spatially separated sample regions.

No. of Pages : 30 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4085/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :28/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : Method of Communicating With Service Provider

(51) International classification	:H04L	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)Silvan Innovation Labs</b>
(32) Priority Date	:NA	Address of Applicant :No.7 2nd Floor 10th Main Jeevan
(33) Name of priority country	:NA	Bhima Nagar Main Road Bangalore India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)Ajay Gupta</b>
(87) International Publication No	: NA	<b>2)Ritesh Nagpal</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In one embodiment a method of communicating with a service provider is provided. The method comprises steps of generating a message trigger in a system installed by the service provider creating a status message describing error detection and transmitting the status message to at least one personal communication device of the service provider.

No. of Pages : 13 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4275/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : MOBILE PAYMENT TRANSACTION SYSTEM

(51) International classification	:G06Q	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)MOBISWIPE TECHNOLOGIES PRIVATE LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :F4, III FLOOR, ARIHANT
(33) Name of priority country	:NA	GALAXY TOWER 2, 645, T.H. ROAD, BEHIND APOLLO
(86) International Application No	:NA	HOSPITALS, TONDIARPET, CHENNAI - 600 081 Tamil
Filing Date	:NA	Nadu India
(87) International Publication No	: NA	(72) <b>Name of Inventor :</b>
(61) Patent of Addition to Application Number	:NA	<b>1)SANTHANARAMAKRISHNAN SURESH</b>
Filing Date	:NA	<b>2)HARMEET SINGH ARORA</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a real time electronic transaction processing system for enabling a payment transaction between an invoice generation and transaction system of a merchant account and a transaction card of the user who intends to pay through the transaction card. The system integrates seamlessly both Mobile POS (mobile point of sale/service) and Mobile PAY with any existing Point of sale system of the merchants. The system includes a card reader means configured to process a payment transaction from the user through the transaction card, and an internet connectable mobile device operably associated with the said card reader means and the invoice generation and transaction system of the merchant to process and conduct the payment transaction in response to the generated invoice of the merchant, an authorization acknowledgement from the user and on the allowed payment transaction by the authentication and assessment centre of the transaction card.

No. of Pages : 37 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3861/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :09/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND SYSTEM FOR INTERFERENCE AVOIDANCE USING BEAMFORMING IN OBSS ENVIRONMENT

(51) International classification	:H04W	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)SAMSUNG INDIA SOFTWARE OPERATIONS</b>
(32) Priority Date	:NA	<b>PRIVATE LIMITED</b>
(33) Name of priority country	:NA	Address of Applicant :Bagmane Lakeview Block B No.
(86) International Application No	:NA	66/1 Bagmane Tech Park C V Raman Nagar Byrasandra
Filing Date	:NA	Bangalore 560093 Karnataka India Haryana India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	<b>1)DWARAKANATH PRADEEP</b>
Filing Date	:NA	<b>2)SANDHYA PATIL</b>
(62) Divisional to Application Number	:NA	<b>3)KIM YOUNGSOO</b>
Filing Date	:NA	

(57) Abstract :

Method and system for Interference avoidance using beamforming in OBSS environment is disclosed. The present invention relates to the field of wireless communication and more particularly to interference management at access points operating in an 802.11 wireless network. In wireless network Basic Service Set (BSS) boundaries overlap leading to Overlapped Basic Service Set (OBSS). In OBSS Stations (STA) or Access Points (AP) experience interference from one or more dominant interfering BSS. The present technologies employ CSMA-CA protocol to mitigate interference. However in the absence of central controlling unit only one entity is allowed to transmit and the other transmitting entity waits for random backoff duration for the medium to be free. This leads to loss of throughput. The proposed invention reduces interference by utilizing beamforming which enable transmission within each BSS without interference to other entities. The network<sup>TM</sup>s throughput and spectral efficiency increases drastically by utilizing beamforming method.

No. of Pages : 26 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3863/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :10/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : IMPROVED PROCESSES FOR PREPARING DEXPRAMIPEXOLE AND PHARMACEUTICALLY ACCEPTABLE SALTS AND HYDRATES THEREOF

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)Dr Reddys Laboratories Limited</b>
(32) Priority Date	:NA	Address of Applicant :Dr. Reddys Laboratories Limited 8-
(33) Name of priority country	:NA	2-337 Road No. 3 Banjara hills Hyderabad Andhra Pradesh
(86) International Application No	:NA	India-500 034. Gujarat India
Filing Date	:NA	<b>2)Dr Reddys Laboratories Inc.</b>
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	<b>1)Pranab Haldar</b>
Filing Date	:NA	<b>2)Muvva Venkateswarlu</b>
(62) Divisional to Application Number	:NA	<b>3)Prataprao Anilkumar</b>
Filing Date	:NA	<b>4)Anumula Raghupathi Reddy</b>

(57) Abstract :

The present application provides an improved process for the preparation of Dexpramipexole, its pharmaceutically acceptable salts and its hydrates with highest chiral purity.

No. of Pages : 18 No. of Claims : 10



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3864/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :11/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : HUMAN ENERGY ENHANCED MECHANICAL MACHINE DRIVEN POWER GENERATOR

(51) International classification	:H01Q	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)NATESAN KANNUSAMY RAMALINGAM</b>
(32) Priority Date	:NA	Address of Applicant :NO.37, ANNA STREET,
(33) Name of priority country	:NA	KANAGAM, TARAMANI, CHENNAI 600 113 Tamil Nadu
(86) International Application No	:NA	India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)NATESAN KANNUSAMY RAMALINGAM</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Unlike the existing technologies, the one we claim is capable of producing excessive electricity as it of no-material-input and the same is Resource Conservative Technology. Upon Pedaling(Pressing down the front end of the Treadle(1)), the U Clamp is rotated(the U Clamp is connected to Treadle using a bearing refer Fig especially Fig.4) and the U Clamp rotates the Wheel(2) is being rotated and in turn the Wheel(2) rotates to transmit energy to Wheel(3) through belt/chain. And a Fly Wheel (4) is provided to enhance the RPM in additional to that of the Treadle's drive as shown in Fig(1). The Wheel(3) transmits the rotational energy to the Wheel(5), where both Wheel (3) and (5) and the fly wheel(4) are on the same Shaft. These wheels can either be connected with Belt or Chain driving system. The Wheel (5) in turn rotates the Wheel(6) , which in turn rotates the Wheel(7) and Wheel(7) rotates the Pulley(8) and finally the rotations are transmitted to the Electricity Generator(9). Hence the RPM is high in the Electricity Generator(9) to produce excessive electricity. And another more important alternative feature here is Instead of Treadle Pedaling any sort of manual or mechanical technique(Pulling Pushing, Driving etc.,) can be followed as per my requirement in the commercializing part.

No. of Pages : 14 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4278/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN IMPROVED SUBMERSIBLE MOTOR

(51) International classification	:F04D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)G. RAJENDRAN</b>
(32) Priority Date	:NA	Address of Applicant :NEW NO.15, OLD NO.46, ATT
(33) Name of priority country	:NA	COLONY, COIMBATORE 641 018 Tamil Nadu India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)G. RAJENDRAN</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to the submersible motor. A flange (10) is disposed to connect the upper housing (4) and the lower housing (3) to the shell (1) fitted with stator housing (2). The flange (10) facilitates improved locking of the upper housing (4) and the lower housing (3) to the shell (1) fitted with stator housing (2) for most reliable operation of the submersible motor.

No. of Pages : 21 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4227/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :05/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : TELESCOPIC FORK

(51) International classification	:B66F
(31) Priority Document No	:TO2010A0009985
(32) Priority Date	:10/12/2010
(33) Name of priority country	:Italy
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)EUROFORK S.R.L.**  
Address of Applicant :PIAZZA CARLO ALBERTO 62, I-10041 CARIGNANO, TORINO Italy  
(72)**Name of Inventor :**  
**1)TRAVERSA, MAURIZIO**  
**2)COMBINA, PIER FRANCO**  
**3)UGHETTO, VANNI**

(57) Abstract :

The fork includes a lower base (10) and a set of telescopically extendable mobile slides (20, 30), wherein each slide (20, 30) is slidable by means of a respective set of rollers (13, 14). The base (10) has a pair of parallel vertical flanges (11, 12) extending upwardly in respective vertical planes (P11 , P12) from a base plate (16), the flanges holding a set of rollers (13) located transversely outside the flanges (11, 12) for supporting an intermediate slide (20) in sliding manner. This intermediate slide (20) has chain guiding grooves (26a, 26b) formed in transversely intermediate positions between the vertical planes (P11 ) and (P12) in which the flanges (11, 12) of the base (10) extend. A first optical device (F) is fixed to the base (10) in an intermediate position between the flanges (11) and (12); a second optical device (C) is fixed to a lower surface of the top slide (30). An opening (23) is formed in the intermediate slide (20), in such a way as to be aligned between the first (F) and second (C) optical devices in a working position of the fork.

No. of Pages : 12 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4228/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :05/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND APPARATUS FOR DETERMINING A PRECODING VECTOR FOR PRECODING DATA TO BE TRANSMITTED TO A WIRELESS DEVICE IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04B
(31) Priority Document No	:11163376.4
(32) Priority Date	:21/04/2011
(33) Name of priority country	:EPO
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)NTT DOCOMO, INC.**  
Address of Applicant :SANNO PARK TOWER, 36TH  
FLOOR, 11-1, NAGATA-CHO 2-CHOME, CHIYODA-KU,  
100-6150 TOKYO Japan  
(72)**Name of Inventor :**  
**1)BAZZI, SAMER**  
**2)DIETL, GUIDO**

(57) Abstract :

A Method (100) for determining a precoding vector ( $p_i$ , opt) for precoding data to be transmitted to a wireless device in a wireless communication system comprises receiving (110) first channel state information of a channel between a first wireless device and a first base station in the wireless communication system. The first channel state information is received by the first base station from the first wireless device. Further, the method comprises receiving (120) first channel gain information ( $h_{21}$ ) of a channel between a second wireless device and the first base station. The first channel gain information ( $h_{21}$ ) is received from the second base station. Additionally, the method (100) comprises receiving (130) a first signal strength parameter ( $b_j$ ) from the second base station indicating a signal strength at the second wireless device caused by the second base station and receiving (140) a first interference strength parameter ( $a_i$ ) from the second base station indicating an interference strength at the first wireless device caused by the second base station. Further, the method (100) comprises maximizing (150) a common signal to interference noise ratio parameter ( $C$ , SINR, SINR<sub>low</sub>, SINR') to obtain a precoding vector ( $p_i$ , opt) for precoding data to be transmitted to the first wireless device. The common signal to interference noise ratio parameter ( $C$ , SINR, SINR<sub>low</sub>, SINR') depends on a signal to interference noise ratio (SINR<sub>1</sub>) at the first wireless device and a signal to interference noise ratio (SINR<sub>2</sub>) at the second wireless device and is based on the first channel state information, the first channel gain information ( $h_{21}$ ), the first signal strength parameter ( $b_j$ ) and the first interference strength parameter ( $a_i$ ).

No. of Pages : 52 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4292/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :09/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD FOR TREATING FLUORINE-CONTAINING WASTEWATER

(51) International classification	:C02F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-282977	<b>1)HITACHI PLANT TECHNOLOGIES, LTD</b>
(32) Priority Date	:20/12/2011	Address of Applicant :5-2 HIGASHI-LKEBUKURO 4-
(33) Name of priority country	:Japan	CHOME, TOSHIMA-KU, TOKYO 170-8466 Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)YASUYUKI YAGI</b>
(87) International Publication No	: NA	<b>2)NOBUYUKI YAMASHITA</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provide is a method for treating fluorine- containing wastewater by which high fluorine-containing wastewater can be efficiently treated at a low cost. The method includes generating calcium fluoride by adding first calcium chloride to fluorine-containing wastewater; removing the calcium fluoride by sedimentation to obtain treated water; recovering calcium from the treated water by ion exchange between calcium ions and sodium ions; performing a regeneration process for compensating the ion exchange; and supplying the second calcium chloride to the fluorine- containing wastewater at the generating.

No. of Pages : 30 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4076/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : FUEL VAPOR PURGING SYSTEM

(51) International classification	:F02M 25/00	(71) <b>Name of Applicant :</b> <b>1)BOSCH LIMITED</b> Address of Applicant :POST BOX NO 3000, HOSUR ROAD, ADUGODI, BANGALORE - 560 030 Karnataka India
(31) Priority Document No	:NA	<b>2)ROBERT BOSCH GMBH</b>
(32) Priority Date	:NA	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:NA	<b>1)AMIT KUMAR</b>
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a canister purge system for purging fuel vapors in a carburetor based internal combustion engine. The said canister purge system comprises a canister (14) to collect the fuel vapors coming from a fuel tank (24); a control unit (10) to read an engine temperature (40) and an engine RPM (42); a purge valve (12) to purge the fuel vapors collected in the said canister (14). The control unit (10) opens the purge valve (12) when the engine temperature (40) is above a predefined threshold and variations in engine RPM (42) are within a predefined range. The duration of the opening of the purge valve depends upon the engine RPM.

No. of Pages : 10 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.430/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :06/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : A WATER STORAGE AND DISTRIBUTION SYSTEM HAVING A WATER TANK BY-PASS

(51) International classification	:E03B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:11305121.3	<b>1)ALSTOM TRANSPORT SA</b>
(32) Priority Date	:07/02/2011	Address of Applicant :3 avenue Andr�� Malraux 92300
(33) Name of priority country	:EPO	Levallois-Perret France Gabon
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SANCHEZ Sebastian</b>
(87) International Publication No	: NA	<b>2)PICH MARTINEZ David</b>
(61) Patent of Addition to Application Number	:NA	<b>3)JULIO MUYO Jose</b>
Filing Date	:NA	<b>4)PUEBLA RIBAS Dicad</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system (209) for storing and distributing water the system comprising: - a water tank (230) having a fresh water inlet (232) a collected water inlet (234) and a main water outlet (236); - a fresh water conduit (242) connected to the fresh water inlet; and - a main drain (248) connected to the main water outlet the system being characterised by a water tank bypass (250) connecting the fresh water conduit to the main drain and by a device (252) for switching the system between a first mode wherein the bypass (250) is closed and the main water outlet (236) is open and a second mode wherein the bypass (250) is open and the main water outlet (236) is closed. .

No. of Pages : 15 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.430/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : PREPARATION OF OLMESARTAN MEDOXOMIL

(51) International classification :C07D  
(31) Priority Document No :1810/CHE/2009  
(32) Priority Date :30/07/2009  
(33) Name of priority country :India  
(86) International Application No :PCT/US2010/043640  
Filing Date :29/07/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :  
**1)Dr. Reddys Laboratories Limited**  
Address of Applicant :Dr. Reddys Laboratories Limited 7-1-27 Ameerpet Hyderabad Andhra Pradesh 500 016. India  
**2)Dr. Reddys Laboratories Inc.**  
(72)Name of Inventor :  
**1)Kolla Naveen kumar**  
**2)Manne Nagaraju**  
**3)Naredla Anitha**  
**4)Sachin Gulabrao Shinde**

(57) Abstract :

Processes for preparing olmesartan medoxomil. In embodiments processes for preparing olmesartan medoxomil do not require isolating one or more intermediate compounds.

No. of Pages : 18 No. of Claims : 10



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4302/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :09/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : RELEASABLE LOCKING WITH ANGULAR ADJUSTABILITY

(51) International classification	:F16M	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)SCHNEIDER ELECTRIC INDUSTRIES SAS</b>
(32) Priority Date	:NA	Address of Applicant :35,RUE JOSEPH MONIER, F-92500
(33) Name of priority country	:NA	RUEIL MALMAISON France
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SUNEET SHARMA</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention discloses a screw-less, snap-in assembly having integral angular adjustability mechanism. The assembly includes a receiving member (100) and an insertion member (200). The insertion member includes extended brackets (202), and guiding units (206). The lower end of the brackets includes teeth unit (204). The receiving unit includes openings (102) to complementarily engage the brackets and recess (108) to engage the guiding units. Slots (106) placed in resting surfaces (104) of the receiving member receive the teeth unit for secure mounting of the assembly. In a first engagement of the assembly only angular adjustability about Z axis is allowed restricting linear movement along X, Y, Z axis and rotation about X, Y axis. In the second engagement, rotation about Z axis is restricted providing a secure engagement.

No. of Pages : 37 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4303/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :09/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD OF REDUCING OR MAINTAINING THE VALUE OF AN ALKYLENE OXIDE PRODUCTION PARAMETER IN A PROCESS OF MAKING AN ALKYLENE OXIDE USING A HIGH EFFICIENCY CATALYST

(51) International classification :B01F  
(31) Priority Document No :61/421968  
(32) Priority Date :10/12/2010  
(33) Name of priority country :U.S.A.  
(86) International Application No :NA  
Filing Date :NA  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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(72)**Name of Inventor :**  
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**2)RAHA SASANKA**  
**3)DEVASSY, BIJU M.**  
**4)UPHADE, BALU S.**  
**5)BASRUR, ARUN**  
**6)PHILIPS, AILENE GARDNER**  
**7)TUPE, RAVINDRA**

(57) Abstract :

Methods of reducing or maintaining the value of an alkylene oxide production parameter (such as alkylene oxide production rate) in a process of making an alkylene oxide by reacting an alkylene and oxygen over a high efficiency catalyst are shown and described. One method comprises reducing the concentration of oxygen in the reactor feed gas to reduce or maintain the value of the alkylene oxide production parameter.

No. of Pages : 76 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4172/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :01/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND APPARATUS FOR ANALYZING DATA TO FACILITATE ALLOCATION IN A STORAGE DEVICE

(51) International classification

:G06F

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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**2)CHIRUMAMILLA Narendra**

**3)TALAWAR Prakash**

**4)CHAITANYA Kavirayani Venkata Ramakrishna**

(57) Abstract :

The present invention relates to a method and a system for facilitating data allocation in a storage device. The method includes the steps such as performing an analysis on current and past Input/Output (I/O) requests to access data, the analysis yielding an output comprising hotness of data and access pattern of data in the storage device associated with a file, wherein the hotness and the access pattern are obtained by monitoring a working set of files with respect to the I/O requests in the storage device, and facilitating an optimized allocation of data in the storage device based on the output of analysis.

No. of Pages : 35 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4173/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :01/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND SYSTEM FOR CHANNEL MITIGATION USING PER-TONE SPREADING IN SINGLE CARRIER BLOCK TRANSMISSION

(51) International classification

:H04L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

**1)NAIR Jinesh Parameshwaran**

**2)JOS Sujit**

**3)NAGVANSHI Preeti**

**4)NANIYAT Arun**

(57) Abstract :

A method and system for channel mitigation and multiple accesses using per-tone spreading in single carrier block transmissions is disclosed. The method of per-tone spreading at the transmitter and de-spreading at the receiver, the transmitted signal has good peak to average power ratio properties and the transmitter is made very simple by performing both the discrete Fourier transform operations in the receiver at the sub-sampled rate. Further, the method of per-tone spreading provides multiple accesses among many users employing single carrier block transmissions, where all the users share the same bandwidth. In the case of the multiple access mechanism, disclosed method is beneficial for the uplink as the transmitter is made simple, the additional complexity at the receiver can typically be accommodated by a base station or an access point.

No. of Pages : 26 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4177/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :02/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A DEVICE AND METHOD FOR ADAPTING ENGINE OPERATION TO AMBIENT AIR PRESSURE

(51) International classification

:F02M

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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**2)ROBERT BOSCH GMBH**

(72)Name of Inventor :

**1)PRADEEP R**

**2)PRAMOD R**

(57) Abstract :

The present invention discloses a device and method for adapting the engine operation to ambient pressure. The device uses the pressure sensor in the intake manifold to measure the ambient pressure. The pressure in the intake manifold is allowed to recover to the ambient pressure and become stable by completely opening the bypass valve for the duration of one engine cycle. The bypass valve is repeatedly opened completely after a predetermined time period. Thus, the ambient pressure can be determined which is same as the pressure in the intake manifold. Thus, the engine operation is adapted to achieve the ideal stoichiometric ratio.

No. of Pages : 12 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4312/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :12/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR MULTI-SATANDARD BROWSER FOR DIGITAL DEVICES

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)INFOSYS LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :IP CELL, PLOT NO 44,
(33) Name of priority country	:NA	ELECTRONICS CITY, HOSUR ROAD, BANGALORE, 560
(86) International Application No	:NA	100 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)SIVA SAKTHI GANESAN KARUNAKARAN</b>
(61) Patent of Addition to Application Number	:NA	<b>2)VARADARAJAN ARAVAMUDHAN</b>
Filing Date	:NA	<b>3)NARAYAN BALASUBRAMANIAN</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a method of rendering a thin client application in a network device, for parsing the internet data so as convert the internet data into a common data format which can be rendered in set-top box using any type of middleware. The invention would be equipped to handle any type of application and also would be cost-efficient to be developed in a middleware layer of a network device like set-top box.

No. of Pages : 22 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4314/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :12/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR HIGH THROUGHPUT DETECTION AND IMAGING OF SAMPLE ARRAYS

(51) International classification	:G01N	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)GENERAL ELECTRIC COMPANY</b>
(32) Priority Date	:NA	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:NA	NEW YORK 12345 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)LANGOJU, RAJESH VEERA VENKATA LAKSHMI</b>
(87) International Publication No	: NA	<b>2)YAMADA, MASAOKO</b>
(61) Patent of Addition to Application Number	:NA	<b>3)MAITY, SANDIP</b>
Filing Date	:NA	<b>4)VARTAK, SAMEER DINKAR</b>
(62) Divisional to Application Number	:NA	<b>5)PATIL, ABHIJIT VISHWAS</b>
Filing Date	:NA	<b>6)SOMANI, SEEMA</b>

(57) Abstract :

A detection system for detecting an array of samples is provided. The system comprises an electromagnetic radiation source, a reference arm, and a sample arm comprising a sensing surface having a plurality of sample fields configured to receive the array of samples. The detection system further comprises a spatial phase difference generator configured to introduce differences in pathlengths of one or more samples a path length difference along a first direction in the array of samples, a carrier signal generator configured to introduce a carrier signal along a second direction in the array of samples, and an imaging spectrometer configured to image one or more samples in the array of samples.

No. of Pages : 43 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4203/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :05/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : IMPROVED PROCESS FOR THE PREPARATION OF SAXAGLIPTIN INTERMEDIATE

(51) International classification

:A61K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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**1)PATIL, MADHUKAR**

**2)PATEL, MAHESH**

**3)PUNDE, DNYANDEO**

**4)WAGH, GHANSHYAM**

**5)GADAKAR, MAHESH KUMAR**

**6)GORE, VINAYAK**

(57) Abstract :

The present invention relates to an improved process for the preparation of Saxagliptin intermediate. The present invention also relates to a process for the preparation of Saxagliptin hydrochloride using this intermediate. The present invention is also relates to a novel intermediates of saxagliptin.

No. of Pages : 30 No. of Claims : 10



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4204/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :05/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : REDUCED PRE-FLASH FOR LED FLASH BASED CAMERA DEVICES

(51) International classification	:H04N
(31) Priority Document No	:10195724.9
(32) Priority Date	:17/12/2010
(33) Name of priority country	:EPO
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)RESEARCH IN MOTION LIMITED**  
Address of Applicant :295 PHILLIP STREET,  
WATERLOO, ONTARIO, N2L 3W8 Canada  
(72)**Name of Inventor :**  
**1)GILBERT-SCHACHTER YOCHANAN CLIEL**  
**2)WANG QIAN**

(57) Abstract :

A mobile device (100) comprising a processor (338), a camera module (360), and a flash (366) configured to generate at least one of a reduced pre-flash, a standard pre-flash and a flash. The processor (338), in response to receiving an image capture request (202), is configured to receive a brightness value (204) and determine a flash status (206) based on a flash setting with the flash status being one of an off mode, on mode, and auto mode. In the event the flash status is one of the on mode and auto mode, determine whether there is sufficient light to capture an image based at least in part on a comparison of the brightness value and a flash threshold (208). In the event the brightness value is greater than the flash threshold, cause the flash to generate a shortened pre-flash (214) and obtain only a white balance measurement and an auto-exposure measurement during the shortened pre-flash.

No. of Pages : 18 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4209/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :05/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : ACCESSORY FOR A POWER DRILL AND CONTROL METHOD

(51) International classification	:B23B
(31) Priority Document No	:102010064118.9
(32) Priority Date	:23/12/2010
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**  
**1)SCHMIDT, PEER**  
**2)SCHAER, ROLAND**  
**3)LINIGER, ALEXANDER**  
**4)LEUZINGER, DAVID**

(57) Abstract :

An accessory is connected to a power drill or can be fastened at the power drill in a detachable fashion. The accessory may comprise detachable or fixed means for fastening at the power drill, e.g., clips, sleeves, clamps, screws. A measuring device (21) is provided to determine measurements, including an incline (53) of the power drill (1) in reference to an operating surface (5) and/or a distance (52) of the power drill (1) from the operating surface (5). A projector (68) is provided to project the symbols according to the measurements determined to the operating surface (5).

No. of Pages : 19 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4323/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :12/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : FISH ENRICHED NOODLES AND A PROCESS FOR PREPARING THE SAME

(51) International classification	:A23L	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)INDIAN COUNCIL OF AGRICULTURAL</b>
(32) Priority Date	:NA	<b>RESEARCH</b>
(33) Name of priority country	:NA	Address of Applicant :KRISHI BHAVAN, NEW DELHI-
(86) International Application No	:NA	110114 Delhi India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)SHRI ASESH KUMAR CHATTOPADHYAY</b>
(61) Patent of Addition to Application Number	:NA	<b>2)DR. BADIREDDY MADUSUDANA RAO</b>
Filing Date	:NA	<b>3)DR. DUDEKULA IMAM KHASIM SAHEB</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a process of preparing fish enriched noodles and product thereof. The process involves kneading and blending the whole fish meat including bones with a dough mix, which dough mix comprising a combination of finely ground wheat flour, corn flour, tapioca starch and salt to form a noodle dough mix. Then plurality of raw noodles ribbons/strands/strips were prepared with the dough mix followed by cutting the plurality of prepared raw noodles ribbons/strands/strips to predetermined lengths. Thereafter the raw noodles ribbons/strands/strips were steam cooked for atleast 15 minutes during which time the noodles ribbons/strands/strips tend to bind tightly together due to cohesion of noodles ribbons/strands/strips. Then the cooked noodles ribbons/strands/strips were spreaded to promote the loosening of the tightened noodles ribbons/strands/strips and inhibit further cohesion of the noodles ribbons/strands/strips. Further the noodles ribbons/strands/strips were air dried with a cross flow drier at 65° C for 5 hours and continue to drying at 60°C for further five hours. Finally the dried noodles ribbons/strands/strips were cooled to room temperature. The process may further comprises of packing the prepared noodles in a pouch, which pouch is made of 300 gauge LDPE. These dried fish noodles had good shelf life of six months at room temperature.

No. of Pages : 13 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4221/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :05/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : HYDRAULIC MODULATOR

(51) International classification	:B60T	(71)Name of Applicant :
(31) Priority Document No	:2010-274009	1)HONDA MOTOR CO., LTD.
(32) Priority Date	:08/12/2010	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)NISHIKAWA, YUTAKA
Filing Date	:NA	2)TANI, KAZUHIKO
(87) International Publication No	: NA	3)TODA, MAKOTO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

[Object] To provide a hydraulic modulator which can be further reduced in size. [Solving Means] Disclosed herein is a hydraulic modulator 30R including a motor 37R including a motor housing 45, a stator 46, a rotor 47, and a motor shaft 48; a power transmitting mechanism 60 for transmitting the power of the motor 3 7R to the outside thereof; and a master cylinder 73 having a piston 41R linearly movable by the power transmitted by the power transmitting mechanism 60. The master cylinder 73 is arranged so as to overlap the motor housing 45 in such a manner that the axis 73a of the master cylinder 73 is substantially perpendicular to the axis 48a of the motor shaft 48. [Effect] The master cylinder 73 is arranged on one side of the motor housing 45 in the range corresponding to the axial length of the motor shaft 48. The length of the hydraulic modulator 30R along the motor shaft 48 falls within the axial length of the motor shaft 48, so that the hydraulic modulator 30R can be reduced in size.

No. of Pages : 39 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4222/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :05/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SPLICING INFRASTRUCTURE-BASED AND AD HOC APPROACHES FOR EFFICIENT&NBSP; RELIABLE AND SECURE ROUTING IN WIRELESS MESH NETWORKS

(51) International classification

:H04L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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**2)Indian Institute of Technology**

(72)Name of Inventor :

**1)Hrushikesh Mehendale**

**2)Ashok Jhunjunwala**

(57) Abstract :

A system and method that combines infrastructure mode for data traffic and ad-hoc mode for management traffic in the wireless mesh networks is disclosed. Each node in the network is configured to work in both ad-hoc mode and infrastructure mode simultaneously. The nodes are capable of functioning in ad-hoc wireless mode and infrastructure mode to self-organize with no constraints on network topology, setup communication routes amongst themselves. The routes are setup using a Network view at each node, which is built and populated by the disclosed method, whose space and time complexity is at least linearly bounded with respect to the number of nodes. The network is tolerant to node failures, moving nodes and changing physical obstructions. Further, the system and method disclosed herein provides higher throughput and security.

No. of Pages : 29 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4331/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :12/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : NOVEL PROCESS FOR THE PREPARATION OF PALLADIUM-BASED CATALYSTS AND USE OF SAID CATALYSTS IN SELECTIVE HYDROGENATION

(51) International classification	:B01J	(71)Name of Applicant :
(31) Priority Document No	:10/04.878	<b>1)IFP ENERGIES NOUVELLES</b>
(32) Priority Date	:14/12/2010	Address of Applicant :1 & 4 AVENUE DE BOIS-PREAU,
(33) Name of priority country	:France	92852 RUEIL-MALMAISON CEDEX France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)FECANT, ANTOINE</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention concerns a novel process for the preparation of supported metallic catalysts in which the metallic phase is deposited in the form of agglomerates of nanoparticles of metallic oxide and forms a layer of fine thickness at the surface of the support. The process for the preparation of a catalyst comprises preparing in aqueous phase a colloidal suspension of agglomerates of nanoparticles of metallic oxide, then depositing that suspension on a porous support, drying the catalyst precursor obtained, and optionally calcining and reducing the precursor by means of any reducing compound. The invention also concerns the catalysts obtained by said process and their uses in reactions for the transformation of unsaturated organic compounds. The invention is applied to the refining field and more particularly to the treatment of gasolines obtained by steam cracking and/or obtained by catalytic cracking.

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4333/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :12/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : DEVELOPMENT OF SPECIFIC IMMUNOASSAY CRITICAL REAGENTS FOR PHARMACOKINETIC ASSESSMENTS OF PEPTIDE POLYMERS IN PRECLINICAL AND CLINICAL MATRICES

(51) International classification

:A47L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)BIOCON LIMITED**

Address of Applicant :20th KM Hosur Road Electronic  
City P.O. Bangalore 560 100 Karnataka India Haryana India

(72)Name of Inventor :

**1)ARUMUGAM MURGANANDAM**

**2)BINDU CHIKKEGOWDA**

**3)KONDA VENKATA NARASIMHA RAJU**

**4)SRIKANTH SRIPADRAO**

**5)SANTHARAM MURALIDHARAN**

**6)THANGAMMA KUNJIRA SUBRAMANI**

**7)NAVYA SHIVANNA**

(57) Abstract :

The present disclosure provides methods of developing a specific immunoassay for the Pharmacokinetic assessments of peptides, peptide oligomer and polymer including Glatiramer Acetate (GA), also known as Copolymer 1, Copolymer-1, Cop 1 or Cop in the clinical and pre clinical matrices.

No. of Pages : 29 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3841/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :09/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : LOCKING ARRANGEMENT OF A CLOSING BLADE IN A ROTOR DRUM OF A STEAM TURBINE

(51) International classification	:F01D	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)Triveni Turbine Limited</b>
(32) Priority Date	:NA	Address of Applicant :12A Peenya Industrial Area
(33) Name of priority country	:NA	Bangalore Gujarat India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)Rukala Raghavendra Setty</b>
(87) International Publication No	: NA	<b>2)Belur RudraShetty Raju</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Locking arrangement of closing blade 12 in a rotor drum 14 of a steam turbine is disclosed as shown in wherein the difficulty of assembling of blades and locking of closing blade 12 in rotor drum 14 is removed by placing a combination of wedges 16 and 18 in a predefined slot provided on circumferential edge of the grooves of the rotor drum. As a result a simple less time consuming locking arrangement which can hold the closing blade firmly to the rotor drum is achieved.

No. of Pages : 16 No. of Claims : 10



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3843/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :09/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHODS FOR ADAPTATING APPLICATION SERVICES BASED ON CURRENT SERVER USAGE AND DEVICES THEREOF

(51) International classification	:H04L	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)INFOSYS LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :IP CELL, PLOT NO.44,
(33) Name of priority country	:NA	ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560
(86) International Application No	:NA	100. Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)PUNEET GUPTA</b>
(61) Patent of Addition to Application Number	:NA	<b>2)AKSHAY DARBARI</b>
Filing Date	:NA	<b>3)VENKAT KUMAR SIVARAMAMURTHY</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method, non-transitory computer readable medium, and apparatus that monitor one or more capacity related factors of one or more servers providing one or more services to one or more client computing devices to obtain one or more values. An adaption factor for at least one of the one or more client computing devices is determined based on the one or more obtained values for the one or more monitored capacity related factors and one or more adaption rules. The adaption factor may further be determined based on obtained user profile information. The determined adaption factor to adapt operation of the one or more provided services at the at least one of the one or more client computing devices is provided.

No. of Pages : 23 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3844/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :09/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A METHOD AND SYSTEM TO MEASURE OPERATIONAL EFFICIENCY LEVELS OF BUSINESS FUNCTIONS

(51) International classification

:G06Q

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)INFOSYS LIMITED**

Address of Applicant :IP CELL, PLOT NO.44,  
ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560  
100 Karnataka India

(72)Name of Inventor :

**1)SAROJINI DAMODARAN SHIBULAL**

**2)SANJAY PUROHIT**

(57) Abstract :

A method, implemented at least in part by a computing device to measuring operational efficiency levels of business functions the method comprising acquiring a plurality of business data from at least one database, wherein the plurality of business data is indicative of a predefined set of business parameters for one or more business functions. The method also comprises the step of analyzing the plurality of business data by at least one processor based on the predefined weightage for each of the business parameters and the plurality of business data. Furthermore, the method comprises generating a customizable report based on the analysis of the plurality of business data to obtain relative ranking of one or more of the business functions.

No. of Pages : 22 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3845/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :09/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHODS FOR MANAGING DATA SYNCHRONIZATION AND DEVICES THEREOF

(51) International classification	:G06F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)INFOSYS LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :IP CELL, PLOT NO.44,
(33) Name of priority country	:NA	ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560
(86) International Application No	:NA	100 Karnataka India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)PUNEET GUPTA</b>
(61) Patent of Addition to Application Number	:NA	<b>2)AKSHAY DARBARI</b>
Filing Date	:NA	<b>3)VENKAT KUMAR SIVARAMAMURTHY</b>
(62) Divisional to Application Number	:NA	<b>4)ANANTH PRASAD</b>
Filing Date	:NA	

(57) Abstract :

A method, non-transitory computer readable medium, and apparatus that manage data synchronization include obtaining one or more configuration rules and at least one value for one or more configuration parameters. One or more synchronization rules are generated based on the obtained one or more configuration rules and the one or more configuration parameters. Each of the one or more generated synchronization rules are compared to a corresponding synchronization rule in an existing configuration profile. The existing configuration profile is updated based on the results of the comparison. The updated configuration profile is communicated to a client computing device.

No. of Pages : 29 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3849/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :09/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : LOGICAL ADDRESS ASSIGNMENT FROM A DISJOINT ADDRESS SET

(51) International classification	:H04W	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)SAMSUNG INDIA SOFTWARE OPERATIONS</b>
(32) Priority Date	:NA	<b>PRIVATE LIMITED</b>
(33) Name of priority country	:NA	Address of Applicant :Bagmane Lakeview Block B No.
(86) International Application No	:NA	66/1 Bagmane Tech Park C V Raman Nagar Byrasandra
Filing Date	:NA	Bangalore 560093 Karnataka India Gujarat India
(87) International Publication No	: NA	(72) <b>Name of Inventor :</b>
(61) Patent of Addition to Application Number	:NA	<b>1)NIGAM Anshuman</b>
Filing Date	:NA	<b>2)AGIWAL Anil</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a method and system for assigning a unique logical address to a mobile station in a cloud cell. In one embodiment, a master base station selects a unique logical address from an associated set of addresses, where each of the base stations in a geographical area is allocated a disjoint set of addresses, and where the disjoint set of addresses contains logical addresses derived from a common address space shared between the base stations. Upon selection of the unique logical address, the master base station assigns the unique logical address to a mobile station in the cloud cell so that the mobile station and each of the base stations communicate in the cloud cell using the assigned unique logical address. Moreover, the master base station notifies assignment of the unique logical address to the mobile station to slave base stations in the cloud cell.

No. of Pages : 47 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3951/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :18/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A PROCESS FOR MAKING HIGH PROTEIN CAROTENE RICH PASTA FROM ORANGE FLESHED SWEET POTATO

(51) International classification	:A23L	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)INDIAN COUNCIL OF AGRICULTURAL</b>
(32) Priority Date	:NA	<b>RESEARCH (ICAR)</b>
(33) Name of priority country	:NA	Address of Applicant :KRISHI BHAWAN, DR.
(86) International Application No	:NA	REJENDRA PRASAD ROAD, NEW DELHI - 110 001 India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)DR. G. PADMAJA</b>
(61) Patent of Addition to Application Number	:NA	<b>2)DR. M.S. SAJEEV</b>
Filing Date	:NA	<b>3)DR. S.N. MOORTHY</b>
(62) Divisional to Application Number	:NA	<b>4)MRS. JYOTHI G. KRISHNAN</b>
Filing Date	:NA	<b>5)MISS. RENJUSHA MENON</b>

(57) Abstract :

The present investigation pertains to 'A process for making high protein carotene rich pasta from orange fleshed sweet potato'. It relates to the development of a novel value added products from sweet potatoes, having both high carotene and high protein that could be popularized as an easy-to-cook product capable of combating vitamin A deficiency, especially in children and pregnant mothers. The product invented also has the additional advantage of slow starch digestibility combining the low glycaemic index of sweet potato with the high protein nutritional quality of whey proteins. Browning problem associated with sweet potato products has been solved in the present invention through a mild pre- treatment of sweet potato slices (Drawing Sheet No.1, ). The present invention provides a product having high swelling index on cooking, very high lysine content (compared to wheat pasta), high biological value coupled with high content of resistant (undigested) starch so that it could be consumed as a safe food by the diabetic and obese population as well as weight watchers. Retention of high carotene content in the pasta indicates the scope of the product for introduction into the noon meal programmes of school children, especially in the tribal areas and poverty-stricken areas, as the product could take care of a major part of the recommended daily allowance of protein and carotene.

No. of Pages : 25 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4348/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SOLID-STATE IMAGE SENSOR, METHOD OF MANUFACTURING THE SAME AND CAMERA

(51) International classification	:H01L	(71)Name of Applicant :
(31) Priority Document No	:2010-279860	1)CANON KABUSHIKI KAISHA
(32) Priority Date	:15/12/2010	Address of Applicant :30-2, SHIMOMARUKO 3-CHOME,
(33) Name of priority country	:Japan	OHTA-KU, TOKYO Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KAWANO, AKIHIRO
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An image sensor includes a charge accumulation region of a first conductivity type, an isolating semiconductor region formed from an impurity semiconductor region of a second conductivity type, a channel stop region formed from an impurity semiconductor region of the second conductivity type which is located on the isolating semiconductor region, and an insulator arranged on the channel stop region. The insulator includes a first insulating portion arranged above the isolating semiconductor region via the channel stop region, a second insulating portion arranged adjacent to an outside of the first insulating portion, wherein thickness of the second insulating portion decreases with an increase in distance from the first insulating portion, and a third insulating portion formed on the first insulating portion, wherein the third insulating portion has upper and side faces connecting the upper face to an upper face of the second insulating portion.

No. of Pages : 36 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4351/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SOLID-STATE IMAGE SENSOR, METHOD OF MANUFACTURING THE SAME, AND CAMERA

(51) International classification	:H01L	(71)Name of Applicant :
(31) Priority Document No	:2010-279873	1)CANON KABUSHIKI KAISHA
(32) Priority Date	:15/12/2010	Address of Applicant :30-2, SHIMOMARUKO 3-CHOME,
(33) Name of priority country	:Japan	OHTA-KU, TOKYO Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SHINOHARA, MAHITO
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A solid-state image sensor includes a first semiconductor region of a first conductivity type, a second semiconductor region of a second conductivity type that is arranged to contact a lower face of the first semiconductor region and functions as a charge accumulation region, a third semiconductor region including side faces surrounded by the second semiconductor region, a fourth semiconductor region of the second conductivity type that is arranged apart from the second semiconductor region, and a transfer gate that forms a channel to transfer charges accumulated in the second semiconductor region to the fourth semiconductor region. The third semiconductor region is one of a semiconductor region of the first conductivity type and a semiconductor region of the second conductivity type whose impurity concentration is lower than that in the second semiconductor region.

No. of Pages : 34 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4012/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :23/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN ACTIVE INFRASTRUCTURE SHARING SYSTEM

(51) International classification	:H04L12/00	(71)Name of Applicant : 1)CENTRE FOR DEVELOPMENT OF TELEMATICS (C-DOT) Address of Applicant :Phase 1 Hosur Road Electronic City Bangalore 560 100 Karnataka India Dadra & Nagar Haveli India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)V.V.R.SASTRY
(33) Name of priority country	:NA	2)P V ACHARYA
(86) International Application No	:NA	3)A.BHAVANI SHANKER
Filing Date	:NA	4)K SRIDHARA
(87) International Publication No	: NA	5)BLUEMAX STEPHEN
(61) Patent of Addition to Application Number	:NA	6)ARCHANA TRIPATHI
Filing Date	:NA	7)SAI JAY RAM A.K.V
(62) Divisional to Application Number	:NA	8)HARI PRASAD.S.V.
Filing Date	:NA	9)DEVADAS.B.
		10)SHIKHA ROY
		11)REMA.T.
		12)GOKULRAJ.P.
		13)PRADEEP GOUTAM
		14)VINAYMURTHI.K.K
		15)PRERIT JAIN
		16)ANNIE VICTORIA DSOUZA
		17)KIRAN KUMAR.T
		18)CHARUMATLP
		19)SHIVALI MITTAL
		20)SHUBHRA SUROLIA
		21)SELVAPRIYA.R
		22)MANISHA LITORIA
		23)ARCHANA WALECHA
		24)TRILOK CHAND
		25)ANIL KUMAR

(57) Abstract :

Embodiments of the preset disclosure relates to an active infrastructure sharing system. The system comprising plurality of base station controllers (BSC) to control a group of base transceiver station (BTS) and manage the resources of an operator. Each BSC consists of a BSC Node Manager for configuring and allocating the resources of each operator. Each BTS includes a BTS Site Manager for configuring the resources of each operator on the shared BTS. An operation and management system (O&M) handler supports the system management procedures for active infrastructure sharing. The infrastructure manager at the O&M performs the task of configuring the entire Radio Access network and allocating resources to each operator. The operator through the O&M configures the resources allocated and view performance and fault statistics related to the resources.

No. of Pages : 16 No. of Claims : 10



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4369/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND DEVICE FOR PRODUCING THIN SILICON RODS

(51) International classification :B23D  
(31) Priority Document No :102010063407.7  
(32) Priority Date :17/12/2010  
(33) Name of priority country :Germany  
(86) International Application No :NA  
Filing Date :NA  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number:NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)WACKER CHEMIE AG**  
Address of Applicant :HANNS-SEIDEL-PLATZ 4, D-  
81737 MUNCHEN Germany  
(72)**Name of Inventor :**  
**1)LICHTENEGGER, BRUNO**  
**2)SCHANTZ, MATTHAEUS**

(57) Abstract :

Method and Device for Producing Thin Silicon Rods The invention relates to a method for producing thin silicon rods, comprising the following steps: a) providing a rod of silicon; b) sequentially cutting slabs having a particular thickness from the rod by means of a sawing device, wherein the rod is respectively rotated axially through 90° or 180° between two successive cuts so that of four successive cuts two of the four cuts respectively take place pairwise on radially opposite sides of the rod or wherein the cutting of the slabs takes place simultaneously together at radially opposite sides of the rod; c) sawing the cut slabs into thin rods having a rectangular cross section. Device for producing thin rods from a silicon rod by sawing, containing a first unit comprising a multiplicity of cutting tools and a cooling liquid for cooling the cutting tools, a second unit comprising nozzles for introducing additional cooling liquid into cutting kerfs of the workpiece to be processed, and a third unit comprising a band saw or a wire saw or cutting tools containing one or more shafts.

No. of Pages : 26 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.437/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :06/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : ENCODER, OPTICAL MODULE, AND SERVO SYSTEM

(51) International classification	:F28F	(71)Name of Applicant :
(31) Priority Document No	:2011-027255	1)KABUSHIKI KAISHA YASKAWA DENKI
(32) Priority Date	:10/02/2011	Address of Applicant :2-1, KUROSAKI-SHIROISHI,
(33) Name of priority country	:Japan	YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA 806-
(86) International Application No	:NA	0004 Japan
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)YASUSHI YOSHIDA
(61) Patent of Addition to Application Number	:NA	2)SHIROU YOSHIDOMI
Filing Date	:NA	3)YASUHIRO MATSUTANI
(62) Divisional to Application Number	:NA	4)JIRO MURAOKA
Filing Date	:NA	

(57) Abstract :

To provide a rotating electric machine including a frame that is highly stiff and is superior in ease of assembly work, and a method of manufacturing the rotating electric machine. Two shrink-fitted battens are provided between a frame body 40 and each fin cover 50, and one semicircular contact surface is provided at the center tip of the fin cover 50. Highly stiff joints are established at the two shrink-fitted battens. A highly flexible joint is established at the semicircular contact surface provided at the center tip of the fin cover 50. Thus, the frame body 40 and the fin cover 50 are joined to each other by shrink-fitting and, as a whole, provide high stiffness and high working efficiency.

No. of Pages : 45 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.437/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : DUAL-PURPOSE FLUID CONTROL VALVE

(51) International classification :F16K 11/048

(31) Priority Document No :61/218,324

(32) Priority Date :18/06/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/038698

Filing Date :15/06/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)Tyco Fire Products LP**

Address of Applicant :1400 Pennbrook Parkway Lansdale  
Pennsylvania-19446 U.S.A.

(72)Name of Inventor :

**1)RINGER Yoram**

**2)SIMONIN George V.**

**3)IASA Anthony**

**4)YANG Su**

(57) Abstract :

A dual-purpose fluid control valve for controlling the flow of fluid to separate systems supplied by the valve. The control valve includes a body having an inlet a first outlet and a second outlet. The valve further includes means for controlling a rate of fluid through one outlet based on a fluid demand at the outlet while controlling the rate of fluid flow through the other outlet.

No. of Pages : 76 No. of Claims : 77

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4110/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :29/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : TIG WELDING DEVICE

(51) International classification	:B23K	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-065709	<b>1)Bab-Hitachi Industrial Co.</b>
(32) Priority Date	:24/03/2011	Address of Applicant :5-3 Takara-machi Kure-shi
(33) Name of priority country	:Japan	Hiroshima-737-0029 Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)IKEDA Yusei</b>
(87) International Publication No	: NA	<b>2)NAGASHIMA Toshiharu</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An approach for solving the problems is to provide a TIG welding device in which a welding pool during arc welding is less susceptible to gravity and a stable welding bead is formed by inclining a welding torch with respect to a groove slope of a through hole in a cylindrical saddle-shaped pressure vessel. In a TIG welding device capable of inclining a welding torch (4) with respect to a groove slope in in-groove three-dimensional welding of the slope and for welding a cylindrical saddle-shaped pressure vessel a through hole in the vessel and a nozzle neck an inclination drive means (15) capable of inclining the welding torch (4) with respect to the groove inclination angle by using a motor as a drive source and including a parallel link mechanism portion (A) is provided.

No. of Pages : 26 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4111/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :29/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD&NBSP; APPARATUS AND COMPUTER PROGRAM PRODUCT FOR GENERATING ANIMATED IMAGES

(51) International classification	:G06T	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)NOKIA CORPORATION</b>
(32) Priority Date	:NA	Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo
(33) Name of priority country	:NA	Finland
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)Basavaraja S V</b>
(87) International Publication No	: NA	<b>2)Veldandi Muninder</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In accordance with an example embodiment a method, apparatus and computer program product are provided. The method comprises facilitating a selection of a portion in at least one multimedia frame among a plurality of multimedia frames having a first resolution. The plurality of multimedia frames are partitioned into static layers and dynamic layers based on the selection of the portion. An animated image effect is configured from the dynamic layers of the plurality of multimedia frames. The method further includes performing generation of at least one dynamic frame having a second resolution from the dynamic layers, and, at least one static frame having the second resolution from the static layers. The second resolution is configured to be greater than the first resolution. An animated image having the second resolution is generated based on the at least one dynamic frame and the at least one static frame.

No. of Pages : 69 No. of Claims : 81

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4372/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SUBMERGED ARC WELDING APPARATUS AND ONE-SIDE WELDING APPARATUS

(51) International classification	:B23K	(71)Name of Applicant :
(31) Priority Document No	:2010-280127	1)KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.)
(32) Priority Date	:16/12/2010	Address of Applicant :10-26, WAKINOHAMA-CHO, 2-CHOME, CHUO-KU, KOBE-SHI, HYOGO 651-8585 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)SAITO, YASUYUKI
Filing Date	:NA	2)INOUE, YOSHIHIDE
(87) International Publication No	: NA	3)NAKAO, TETSUYA
(61) Patent of Addition to Application Number	:NA	4)KIHATA, SHIGERU
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A submerged arc welding apparatus includes a welding torch, a welding travel carriage, a travel rail, a welding power source, a sensor, a welding controller, a travel driver, and a following driver. The welding controller includes a driving command unit that commands the travel driver to drive the welding travel carriage in the groove length direction and that commands the following driver to drive the welding travel carriage in the groove width direction in accordance with a groove position detected by the sensor, and a writing unit that writes a travel distance and measured values of welding current and welding voltage in association with each other and that writes a travel distance and a following position in association with each other.

No. of Pages : 46 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4374/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : INERTIAL MOTION OF A MECHANICAL DISPLAY MEMBER

(51) International classification	:B60R	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:10195412.1	<b>1)THE SWATCH GROUP RESEARCH AND</b>
(32) Priority Date	:16/12/2010	<b>DEVELOPMENT LTD</b>
(33) Name of priority country	:EPO	Address of Applicant :RUE DES SORS 3, 2074 MARIN
(86) International Application No	:NA	Switzerland
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)HOOVER, DAVID</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Coupling device 3 between activation means 1 and mechanical display means 2 of a display mechanism, wherein the coupling device 3 is adapted to apply a motion to said mechanical display means 2, in response to activation of the activation means, characterized in that the motion applied to the mechanical display means 2 is inertial.

No. of Pages : 25 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4375/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A METHOD OF OPERATING A REFRIGERANT RECOVERY AND RECHARGE DEVICE

(51) International classification	:F25B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)ROBERT BOSCH ENGINEERING AND BUSINESS</b>
(32) Priority Date	:NA	<b>SOLUTIONS LIMITED</b>
(33) Name of priority country	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(86) International Application No	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	<b>2)ROBERT BOSCH GMBH</b>
(61) Patent of Addition to Application Number	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)RAJESH KASHYAP</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A refrigerant recovery and recharge device and a method to operate the refrigerant recovery and recharge device is disclosed. The refrigerant recovery and recharge device 10 is adapted to be connected to refrigeration equipment 12. The device 10 comprises at least a valve block 14, an accumulator 16, a compressor 18 and a tank 20. The device 10 also comprises a first flow path 22 adapted to recover refrigerant from the refrigeration equipment 12 and a second flow path 24 adapted to recharge refrigerant to the refrigeration equipment 12. The device 10 is characterized by comprising a third flow path 26 adapted to redirect refrigerant from tank 20 to accumulator 16; at least one valve 28 located in the third flow path 26 adapted to be actuated in a manner that allows redirection of refrigerant from tank 20 to accumulator 16; and a control unit 32 adapted to control actuation of at least one valve 28.

No. of Pages : 12 No. of Claims : 5



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4258/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :07/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SAXAGLIPTIN HYDROCHLORIDE POLYMORPHIC FORMS

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)Dr. Reddys Laboratories Limited</b>
(32) Priority Date	:NA	Address of Applicant :8-2-337 Road No. 3 Banjara hills
(33) Name of priority country	:NA	Hyderabad Andhra Pradesh India-500 034. Maharashtra India
(86) International Application No	:NA	<b>2)Dr. Reddys Laboratories Inc.</b>
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)Peddireddy SubbaReddy</b>
(61) Patent of Addition to Application Number	:NA	<b>2)Dr. Srividya Ramakrishnan</b>
Filing Date	:NA	<b>3)Lalita Kanwar</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The application relates to amorphous saxagliptin hydrochloride, amorphous solid dispersion comprising saxagliptin hydrochloride, together with one or more pharmaceutically acceptable excipients and process for their preparation.

No. of Pages : 19 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4260/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :07/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : DUAL TONE DATA TRANSFER

(51) International classification	:H04L	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)SIJO JOSEPH</b>
(32) Priority Date	:NA	Address of Applicant :NO10/1 SORHUNASE VILLAGE
(33) Name of priority country	:NA	VARTHUR POST BANGALORE -87 Meghalaya India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SIJO JOSEPH</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method of transceiving data between devices using dual tone data transfer scheme. The device includes a first device and a second device. In one embodiment this is accomplished by monitoring data of a target equipment continuously at the first device, where the data includes various parameters of the target equipment and detecting, to initiate a call from the first device to the second device over a telephone line, any abnormal statistics of the data of the target equipment, where the initiated call from the first device to the second device using Dual Tone Data Transfer scheme.

No. of Pages : 28 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4264/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : FABRIC DESIGN USING INSECT WING PATTERNS

(51) International classification	:D06C	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)DR. N. EZHILI</b>
(32) Priority Date	:NA	Address of Applicant :NO.29.METHA LAYOUT, NEAR
(33) Name of priority country	:NA	SUMITH HOSPITAL MASAKKAALIPALAYAM ROAD,
(86) International Application No	:NA	PEELAMEDU, COIMBATORE - 641 004 Tamil Nadu India
Filing Date	:NA	<b>2)DR. B.A. DANIEL</b>
(87) International Publication No	: NA	(72) <b>Name of Inventor :</b>
(61) Patent of Addition to Application Number	:NA	<b>1)DR. N. EZHILI</b>
Filing Date	:NA	<b>2)DR. B.A. DANIEL</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to making of fabric designs using insects wing patterns and to printing of the generated designs in various substrates such as fabric, photo sheets and papers. More specifically the invention relates to the methodology of obtaining designs using wing pattern of butterflies and moths and to print such designs on fabrics and photo sheet to provide sheer natural effect of such designs and color combinations.

No. of Pages : 11 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4381/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND APPARATUS TO COUNT PREDEFINED OBJECTS USING VIDEO ANALYSIS

(51) International classification	:B65B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ALLGO EMBEDDED SYSTEMS PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :2729 80 ft. Road HAL 3rd stage
(33) Name of priority country	:NA	Bangalore 560 038 Karnataka India Himachal Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VISHWANATH A. SINDAGI
(87) International Publication No	: NA	2)ASHWIN AMARAPURAM CHANDRAMOULY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to counting objects such as cups bowls and gasses. In an embodiment the method of the present disclosure provides for detecting presence of objects in a predetermined area. Further the direction of movement of object in the predetermined area is detected. Based on the direction of movement the object is counted. The present disclosure also recites counting of objects which are occluded.

No. of Pages : 17 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4382/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : RELATION BETWEEN MASS NUMBER, ATOMIC NUMBER FOR LANTHANIDES AND ACTINIDES BY R. VELMURUGAN

(51) International classification	:G21F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1) R.VELMURUGAN</b>
(32) Priority Date	:NA	Address of Applicant :146/5 NORTH STREET,
(33) Name of priority country	:NA	SENGAMEDU(VILL), AVINANGUDI(PO),
(86) International Application No	:NA	TITTAGUDI(TK), CUDDALORE(DT)- 606 112 Tamil Nadu
Filing Date	:NA	India
(87) International Publication No	: NA	(72) <b>Name of Inventor :</b>
(61) Patent of Addition to Application Number	:NA	<b>1) R.VELMURUGAN</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

One day I studied through the periodic table of elements , I tried to calculate A/Z value of all elements but A/Z value of lanthanides and actinides only found to have constant values thus I made formula  $A/Z = \text{constant}$ .

No. of Pages : 6 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4383/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : ARTICLE TRANSFER APPARATUS

(51) International classification	:B65B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-277728	<b>1)ISHIDA CO., LTD.</b>
(32) Priority Date	:14/12/2010	Address of Applicant :44, SANNO-CHO, SHOGGIN,
(33) Name of priority country	:Japan	SAKYO-KU, KYOTO-SHI, KYOTO 606-8392 Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)TOKUDA, FUMITAKA</b>
(87) International Publication No	: NA	<b>2)NISHITSUJI, SATOSHI</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An article transfer apparatus transfers articles downward into packaging. The article transfer apparatus includes a cylindrical chute that extends in a vertical direction. Slits are formed in a side wall surface of the chute. A clogging prevention member is rotatably supported adjacent to the chute. The clogging prevention member is configured and arranged to periodically enter the chute through the slit from an exterior of the chute while the clogging prevention member is rotating.

No. of Pages : 53 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4384/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYSTEM AND METHOD OF GENERATING PERSPECTIVE CORRECTED IMAGERY FOR USE IN VIRTUAL COMBAT TRAINING

(51) International classification	:G06T	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)VIRTUAL LOGIC SYSTEMS PRIVATE LTD</b>
(32) Priority Date	:NA	Address of Applicant :#571/1,2,3 NEW NO.705, V4
(33) Name of priority country	:NA	COMPLEX, KRISHNA KAMALA ENCLAVE,
(86) International Application No	:NA	UTTARAHALLI BANGALORE - 560 062 Karnataka India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)SUDARSHAN R</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a system for providing training during fire under cover process for weapon simulators in a virtual environment. Further, the present invention provides a system for generating perspective corrected imagery in virtual combat training station comprising motion tracking device for tracking head movement of a trainee; processing unit and one or more display systems. The motion tracking device captures information on position and orientation of the trainee's head. The processing unit is provided with inbuilt software for receiving, storing, processing the information received from the motion tracking device and providing corrected imagery according to the calculated perspective of the trainee for use in virtual combat training. .

No. of Pages : 17 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4360/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND SYSTEM FOR OPERATING A USER EQUIPMENT IN AN OPTIMIZED COMMUNICATION MODE

(51) International classification	:H04M	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)LOGICA PRIVATE LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :Divyasree Technopolis 124-125
(33) Name of priority country	:NA	Yemlur Main Road Yemlur P.O. Off Airport Road Bangalore
(86) International Application No	:NA	560037 Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)PADMALAYAM NARAYANA KURUP Ajith Kumar</b>
(61) Patent of Addition to Application Number	:NA	<b>2)BHANDIWAD Tammanna Babu</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a method and system for operating a user equipment in an optimized communication mode. In one embodiment, a network entity 106 sets a minimum battery power for a user equipment 104 to receive voice calls. The network entity 106 periodically obtains battery level information from the user equipment 104. When an incoming call is received from other user equipment 102, the network entity 106 determines whether the battery level of the user equipment 104 is lower than the minimum battery level. When the battery level of the user equipment 104 is lower than minimum battery level, the network entity 104 set a flag in the network database indicating that the user equipment is in optimized communication mode. During this optimized communication mode, the network entity 104 blocks all incoming calls and send a voice message to indicate the user equipment 104 is in optimized communication mode.

No. of Pages : 33 No. of Claims : 13



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4365/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A MECHANICAL ROTARY DEVICE&NBSP; AND A METHOD FOR OPERATING THEREFOR

(51) International classification	:F03D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)B.M.S College of Engineering
(32) Priority Date	:NA	Address of Applicant :B.M.S College of Engineering: PB
(33) Name of priority country	:NA	NO.1908 Bull Temple road Bangalore Karnataka 560019
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Ashish Kundapur
(61) Patent of Addition to Application Number	:NA	2)K.J. Rathanraj
Filing Date	:NA	3)C. K. Chandrababu
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A mechanical rotary device is disclosed that includes a power spring; a means to wind the power spring; an output shaft coupled to the power spring through a gear train; and a clutch that engages the power spring with the output shaft wherein unwinding of the power shaft leads to rotation of the output shaft. A method of operating the mechanical rotary device is also disclosed.

No. of Pages : 11 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4400/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : IMAGE FORMING APPARATUS

(51) International classification	:G03G	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-281487	<b>1)CANON KABUSHIKI KAISHA</b>
(32) Priority Date	:17/12/2010	Address of Applicant :30-2, SHIMOMARUKO 3-CHOME,
(33) Name of priority country	:Japan	OHTA-KU, TOKYO Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)ISHIKA, YUSUKE</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An image forming apparatus includes a drum; a developing device, including a developer carrying member for carrying a developer including a non-magnetic toner and a magnetic carrier and for conveying the developer to a developing position in which the developer carrying member opposes the drum; a detecting portion for detecting information correlating to a toner charge amount of the developer in the developing device; and a controller capable of executing an operation in a mode wherein, during an image forming period in which an image is continuously formed on a plurality of recording materials, drive of the developer carrying member in a first period in which a non-image-formation area of the drum corresponding to an internal between a recording material and a subsequent recording material passes through the developing position is stopped or lowered in speed less than that in a second period in which an image area corresponding to the recording material passes through the developing position. The controller controls, on the basis of a detection result of the detecting means, the developing device so that the toner is less tending to be deposited on the developer carrying member, with a decrease of the toner charge amount, in the first period than in the second period during execution of the operation in the mode.

No. of Pages : 100 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4402/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A Surveillance Camera and System for Environments With Power and Network Disruptions

(51) International classification	:G08B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)Silvan Innovation Labs</b>
(32) Priority Date	:NA	Address of Applicant :No.7 2nd Floor 10th Main Jeevan
(33) Name of priority country	:NA	Bhima Nagar Main Road Bangalore India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)Nandakumar Raghavan</b>
(87) International Publication No	: NA	<b>2)Mohan Gopalkrishna</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A surveillance system and surveillance camera designed for operating in environments with power and network disruptions is disclosed. The surveillance camera in the case of a power disruption reduces the power consumption and in the case of a network disruption reduces the storage requirements and the network bandwidth requirements through novel methods enabling it to operate in environments with power and network disruptions

No. of Pages : 28 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4334/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :12/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR PROVIDING AN IMMERSIVE SOCIAL EXPERIENCE SERVICE TO USERS

(51) International classification

:G06Q

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)SAMSUNG INDIA SOFTWARE OPERATIONS  
PRIVATE LIMITED**

Add ress of Applicant :Bagmane Lakeview Block B No.  
66/ Bagmane Tech Park C V Raman Na ar Byrasandra  
Bangalore 560093 Karnataka India Punjab India

(72)Name of Inventor :

**1)Basavaraj Jayawant Pattan  
2)Mayuresh Madhukar Patil**

(57) Abstract :

A system and an apparatus for utilizing a multimedia service are provided. In one embodiment, the system includes a first client device, a media managing server and a media provider system to implement the multimedia service. The first client device is associated with a user desiring to utilize the multimedia service. The first client device includes, primarily, a processor, and a memory configured with one or more programs and is connected to the processor. The memory includes a media handling module configured for managing sensory inputs and customized outputs that are characteristic to the immersive multimedia service and a social communicator assisting in providing immersive multimedia service, the social communicator being configured for enabling social communication of the first client device with a second client device through the media managing server based on a set of user preferences provided by the user.

No. of Pages : 41 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4335/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :12/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND APPARATUS FOR EXPERIENCING A MULTIMEDIA SERVICE

(51) International classification	:G06F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)SAMSUNG INDIA SOFTWARE OPERATIONS</b>
(32) Priority Date	:NA	<b>PRIVATE LIMITED</b>
(33) Name of priority country	:NA	Address of Applicant :Bagmane Lakeview Block B No.
(86) International Application No	:NA	66/1 Bagmane Tech Park C V Raman Nagar Byrasandra
Filing Date	:NA	Bangalore 560093 Karnataka India
(87) International Publication No	: NA	(72) <b>Name of Inventor :</b>
(61) Patent of Addition to Application Number	:NA	<b>1)PATTAN Basavaraj Jayawant</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides method, system and apparatus for experiencing multimedia service. In one or more embodiments method and an apparatus for experiencing a multimedia service are provided. Multiple entities such as a first client device, a second client device, a media managing server, and a media provider system perform set of functions to experience the multimedia service. In an embodiment, the method of experiencing multimedia service is provided which includes the steps of transmitting a first request with a set of preferences for obtaining a multimedia session with at least one of a session id, a program id and a view id, establishing the multimedia session with the media managing server and the media provider system based on the first request and the set of preferences, and transmitting a second request to the media managing server for inviting one or more client devices to share the multimedia session.

No. of Pages : 37 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4336/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SPEAKER ARRAY FOR VIRTUAL SURROUND RENDERING

(51) International classification	:H04S	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:12968938	<b>1)HARMAN INTERNATIONAL INDUSTRIES,</b>
(32) Priority Date	:15/12/2010	<b>INCORPORATED</b>
(33) Name of priority country	:U.S.A.	Address of Applicant :8500 BALBOA BOULEVARD
(86) International Application No	:NA	NORTHRIDGE, CA 91329 U.S.A.
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)HORBACH ULRICH</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An approach and device for generation of virtual surround sound with a two-way approach that employs a first order head-related models have been used that resemble interaural time difference localization and inter-aural level difference localization cues in the respective frequency bands while avoiding phantom imaging and excessive coloration.

No. of Pages : 27 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4407/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :16/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD,SYSTEM, AND APPARATUS FOR SERVICING EQUIPMENT IN THE FIELD

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Accenture Global Services Limited
(32) Priority Date	:NA	Address of Applicant :3 Grand Canal Plaza Grand Canal
(33) Name of priority country	:NA	Street Upper Dublin 4 IRELAND
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Sanjoy Paul
(87) International Publication No	: NA	2)Gurdeep Singh Virdi
(61) Patent of Addition to Application Number	:NA	3)Sankalp Sharma
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

System techniques and devices are provided for servicing equipment. Context information associated with the equipment may be obtained by a processing device. The processing device may further obtain expert information associated with the equipment based on the context information. The processing device is operative to provide service information including information describing how the equipment was serviced. This service information may be used to generate updated expert information.

No. of Pages : 40 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4408/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :16/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A DOMINO REACTION FOR THE SYNTHESIS OF 1 -((SUBSTITUTED PHENYLTHIO) (SUBSTITUTED PHENYL) METHYL) PYRROLIDIN-2-ONES USING ELEMENTAL IODINE AS LEWIS ACID CATALYST.

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)KULATHU IYER SATHIYANARAYANAN</b>
(32) Priority Date	:NA	Address of Applicant :4/6 SECOND EAST MAIN ROAD,
(33) Name of priority country	:NA	GANDHINAGAR, VELLORE 632 006 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)KULATHU IYER SATHIYANARAYANAN</b>
(87) International Publication No	: NA	<b>2)GUNASEKAR RAMACHANDRAN</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A simple and efficient three components domino reaction of  $\gamma$ -butyrolactam (2-pyrrolidinone), aromatic aldehyde and substituted thiophenol catalyzed by elemental iodine resulted in the formation of 1 -((phenylthio) (phenyl) methyl) pyrrolidin-2-one derivatives in excellent yield. This current protocol provides several advantages like shorter reaction time, excellent yield and convenient work up.

No. of Pages : 9 No. of Claims : 2



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4304/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :09/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SOLID STATE IMAGE PICKUP APPARATUS AND IMAGE PICKUP SYSTEM

(51) International classification	:H04N	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-277295	<b>1)CANON KABUSHIKI KAISHA</b>
(32) Priority Date	:13/12/2010	Address of Applicant :3-30-2, SHIMOMARUKO,OHTA-KU, TOKYO Japan
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)SONODA,KAZUHIRO</b>
Filing Date	:NA	<b>2)TAKENAKA, SHINTARO</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In a solid-state image pickup apparatus including a pixel array having pixels each including photoelectric conversion element arranged in a matrix, a synchronization signal generation unit generates a horizontal synchronization signal to define a first horizontal period and a second horizontal period different in length from the first horizontal period. Based on the horizontal synchronization signal, a reset scanning circuit sequentially selects and resets pixels in rows of the pixel array, and a readout scanning circuit sequentially selects pixels and reads a pixel signal therefrom. In each pixel, the charge is accumulated in a charge accumulation period starting when the resetting is performed and ending when the pixel signal is read. In one vertical period, the first horizontal period and the plurality of second horizontal period both appear a plurality of times, wherein the second horizontal period appears periodically.

No. of Pages : 58 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4305/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :09/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : WINDOW PANE WITH VERSATILE OPTICAL PROPERTIES

(51) International classification	:B32B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)NAIK PREETHAM DORESWAMY</b>
(32) Priority Date	:NA	Address of Applicant :#233, 6TH CROSS, 12TH MAIN,
(33) Name of priority country	:NA	HSR LAYOUT, 5TH SECTOR, BANGALORE 560034
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)NAIK PREETHAM DORESWAMY</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The window pane with versatile optical properties comprises at least one fixed pane member and at least one moveable pane member arranged in parallel and in close proximity to each other. The pane members have identical uniform pattern of alternate layered regions and non- layered regions formed on their surface. The uniform pattern is in the form of alternate stripes or checkered pattern and transparent regions. The layered regions are translucent Nano filters, opaque Nano filters, opaque Nano filters having reflective material or polarized Nano filters. A switching means is provided that converts a transparent window pane to a translucent, semi translucent, opaque or semi transparent window pane whenever required. The invention can be used efficiently in motor vehicles, boats, airplanes, ships and all transportation mediums. It can also be used in sunglasses, helmets etc.

No. of Pages : 26 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4419/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :16/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A COMMERCIALY VIABLE PROCESS FOR THE PREPARATION OF TRAMADOL

(51) International classification	:D06C	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)OGENE SYSTEMS (I) PVT. LTD.</b>
(32) Priority Date	:NA	Address of Applicant :#11-6-56, 1ST FLOOR, GSR
(33) Name of priority country	:NA	ESTATES, NEAR IDPL, BALANAGAR, HYDERABAD - 500
(86) International Application No	:NA	037 Andhra Pradesh India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)BOYAPATI MANORANJAN CHOUDARY</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A commercially viable process is developed for the preparation of (RR,SS)-2-[(dimethylamino)methyl]-1 -(3-methoxyphenyl)cyclohexanol(Tramadol hydrochloride) involving the reaction of 3-chloroanisole with activated magnesium in anhydrous mixture of organic solvents and the coupling reaction of resultant Grignard compound with 2-[(dimethylamino)methyl]-cyclohexanone, followed by the treatment with aluminium nitrate, neutralization and HCl

No. of Pages : 14 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4421/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :16/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : RECEIVE ANTENNA SELECTION/COMBINING OF RECEIVE ANTENNAS USING FEWER NUMBER OF RECEIVE CHAINS

(51) International classification	:H04B	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)QUALCOMM INCORPORATED</b>
(32) Priority Date	:NA	Address of Applicant :5775 MOREHOUSE DRIVE, SAN
(33) Name of priority country	:NA	DIEGO, CALIFORNIA 92121 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)KAPIL BHATTAD</b>
(87) International Publication No	: NA	<b>2)DHANANJAY ASHOK GORE</b>
(61) Patent of Addition to Application Number	:NA	<b>3)PETER GAAL</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods and apparatus for performing receive antenna diversity measurements in measurement gaps are provided.

No. of Pages : 30 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4423/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :16/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD OF WELDING THIN WIRES

(51) International classification	:B23K	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)INDIAN SPACE RESEARCH ORGANISATION</b>
(32) Priority Date	:NA	Address of Applicant :ISRO HEADQUARTERS,
(33) Name of priority country	:NA	DEPARTMENT OF SPACE, ANTARIKSH BHAVAN, NEW
(86) International Application No	:NA	BEL ROAD, BANGALORE 560 094 Karnataka India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)ALIYAS AREECKAL VARKEY</b>
(61) Patent of Addition to Application Number	:NA	<b>2)PARMESHWAR PRASAD SINHA</b>
Filing Date	:NA	<b>3)REKESH SASIBHUSHAN</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of welding thin wires involves forming a swelled portion at both ends of thin wires using a laser pulse from a laser unit, and flattening the swelled portion of the thin wires using mechanical tools. Holding the end flattened wires in alignment to the respectively provided terminal pins using a fixture, such that the fixture positions and clamps the wires and the terminal pins in a required welding position. Locating a laser beam from the laser unit at the wire pin joints using a locating device and welding the wires with the terminal pins using the laser pulse. The wire ends and the terminal pins are melted and fused together using the laser pulse. An inert gas chamber is formed to surround the fixture, such that the inert gas chamber avoids oxidation during welding process of the thin wires and terminal pins.

No. of Pages : 22 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4325/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :12/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SOLVENT-FREE BIO-BASED EMULSION

(51) International classification	:G03G	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:12/967,370	<b>1)XEROX CORPORATION</b>
(32) Priority Date	:14/12/2010	Address of Applicant :45 GLOVER AVENUE, P.O. BOX
(33) Name of priority country	:U.S.A.	4505, NORWALK CONNECTICUT 06856-4505 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)QIU, SHIGANG S.</b>
(87) International Publication No	: NA	<b>2)FAUCHER, SANTIAGO</b>
(61) Patent of Addition to Application Number	:NA	<b>3)HIGUCHI, FUMII</b>
Filing Date	:NA	<b>4)SACRIPANTE, GUERINO, G.</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Solvent-free extrusion processes are disclosed that are suitable for forming high bio-based polyester latexes that may be utilized in forming a toner, as well as other commercial products.

No. of Pages : 50 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4428/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A METHOD FOR OPERATION OF A SHUNT ACTIVE COMPENSATOR

(51) International classification	:H02J	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)ABB LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :2ND FLOOR, EAST WING,
(33) Name of priority country	:NA	KHANIJA BHAVAN, 49 RACE COURSE ROAD,
(86) International Application No	:NA	BANGALORE - 560 001 Karnataka India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)NATESH MAYAVEL</b>
(61) Patent of Addition to Application Number	:NA	<b>2)PANNALAL BISWAS</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for seamless interface between various software modules in a dynamic reactive power compensator is provided in the invention. The method is illustrated for a shunt active compensator connected parallel to a single phase or multi-phase electric line. The shunt active compensator comprises a pre-charge contactor, a main contractor, a power converter, one or more components such as reactors, one or more resistors and one or more DC capacitors connected to the power converter. The method of operation of the shunt active compensator comprises having identified states such as a halt state, a pre-charge state, a standby state, a boost state and a compensate state in the shunt active compensator, operating the shunt active compensator in one of the identified states and having a state transition in the operation of the shunt active compensator based on a determined condition in the shunt active compensator. The state transition during normal and fault operations are illustrated along with the determining factors for the state transition in the shunt active compensator.

No. of Pages : 13 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4429/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : GAS MOLECULAR PRECIPITATOR (GMP)

(51) International classification	:B03C	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)SIVA SAKTHI VELAN. S</b>
(32) Priority Date	:NA	Address of Applicant :1/79, NORTH STREET, THAGADI
(33) Name of priority country	:NA	POST, TIRUKOILUR TALUK, VILLUPURAM DISTRICT -
(86) International Application No	:NA	605 757 Tamil Nadu India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)SIVA SAKTHI VELAN. S</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The paper presents the results of a study in the development of a practical gas molecular precipitator which can be used in all equipments and industries where exhaust gases pollution are let into the atmosphere causing pollution and environmental balance in nature. Three different comparable models were designed and tested to remove the polluting molecules and increase the oxygen output from the exhausts. In this study a low voltage resembling standard potential of the gas molecules was employed on the electrode plates fixed in the passage of the exhaust gas. So that the unwanted gas molecules are precipitated and the exhaust output would contain more oxygen which would be useful to the animal kingdom. The harmful gas molecules are removed by reduction process using electrostatic force of attraction. So that environment is protected.

No. of Pages : 24 No. of Claims : 5



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4430/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : 'JAL SUDDHI' A PRODUCT INVENTED TO IMPROVE THE WATER QUALITY

(51) International classification	:E21B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)DR. NARAYANAN PARTHSARATHY</b>
(32) Priority Date	:NA	Address of Applicant :C-6, ANANDAM FLATS, 30
(33) Name of priority country	:NA	LANDONS ROAD, KILPAUK, CHENNAI - 600 010 Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)DR. NARAYANAN PARTHSARATHY</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to enzyme and biopolymer to improve the quality of water. The product oxidizes various chemical contents and lowers suspended solids and clarifies the water. All the chemical and physical parameters of the water are improved.

No. of Pages : 5 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4431/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SOLAR AND WIND POWERED SERIES HYBRID GROUND VEHICLE

(51) International classification	:F03D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)J.E. MOSHE DAYAN</b>
(32) Priority Date	:NA	Address of Applicant :57/3 DEVASAHAYA NAGAR, S.R.
(33) Name of priority country	:NA	MILLS ROAD, DINDIGUL - 624 003 Tamil Nadu India
(86) International Application No	:NA	<b>2)E. VIVEDHA</b>
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)J.E. MOSHE DAYAN</b>
(61) Patent of Addition to Application Number	:NA	<b>2)E. VIVEDHA</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An energy efficient series hybrid vehicle that employs an electric motor to run the vehicle all the time using the power from the Energy Storage System(ESS) which is basically charged in five ways.1.Solar energy 2. The wind energy from turbine mounted on the front of the ground vehicle that operates only in braking mode and when the State of Charge (SOC) of the battery pack falls below 50% 3. The wind energy from the specially designed vertical axis turbine mounted on the top of the vehicle that operates only when it is braking and when the State Of Charge (SOC) of the battery pack falls below 50% 4.The wind turbine on the sides of the vehicle that operate all the time 5. Internal combustion Engine. With all these multiple options the reliability, cost effectiveness and fuel economy is obtained and makes the vehicle greener with reduction in emissions by 60%

No. of Pages : 21 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4410/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :16/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PRINTING APPARATUS AND CONTROL METHOD THEREOF

(51) International classification	:G06F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-283725	<b>1)CANON KABUSHIKI KAISHA</b>
(32) Priority Date	:20/12/2010	Address of Applicant :30-2, SHIMOMARUKO 3-CHOME,
(33) Name of priority country	:Japan	OHTA-KU, TOKYO Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)OGUSHI, TAKUHIRO</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A printing apparatus prints on a printing medium based on print data from at least one host apparatus; stores print information associated with a printing operation except for print data in a first storage unit; performs, by a power supply unit, first control to supply power to the first storage unit and second control to stop power supply to the first storage unit; stores, in a second storage unit which receives power supply from the power supply unit regardless of the first control or the second control, the print information stored in the first storage unit when the printing apparatus changes from the first control to the second control; and when the printing apparatus receives a request from the host apparatus to obtain the print information after changing to the second control, transmits the print information stored in the second storage unit to the host apparatus.

No. of Pages : 56 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4411/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :16/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : IMAGE PROCESSING APPARATUS AND METHOD FOR CONTROLLING THE SAME

(51) International classification	:G06F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-287082	<b>1)CANON KABUSHIKI KAISHA</b>
(32) Priority Date	:24/12/2010	Address of Applicant :3-30-2, SHIMOMARUKO, OHTA-KU, TOKYO Japan
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)OKAMURA, SATOSHI</b>
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Grain noise and scratches are applied to an input image as random noise to generate a combined image. When applying grain noise clipped from two-dimensional noise data to the input image, each time clipping is performed, a positional difference from a last clipping position is evaluated. When the positional difference is determined to be small, a current clipping position is changed. When applying scratches clipped from noise data of a plurality of patterns to an input image, when a condition for successively applying scratches for a predetermined time period is selected, a positional difference from a last pasting position is evaluated. When the positional difference is determined to be large, the application of scratches is invalidated.

No. of Pages : 107 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4441/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SHARED COMMUNICATION SYSTEM FOR A PLURALITY OF AUTOMATION SYSTEMS OF A DIFFERENT KIND IN AN AUTOMATION-ORIENTED COMPLEX

(51) International classification	:H04L
(31) Priority Document No	:102010056078.2
(32) Priority Date	:23/12/2010
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)ABB TECHNOLOGY AG**  
Address of Applicant :AFFOLTERNSTRASSE 44, CH-  
8050 ZURICH Switzerland  
(72)**Name of Inventor :**  
**1)ALFRED DOTSCHKAL**  
**2)KLEMENS GILDNER**

(57) Abstract :

Shared communication system for a plurality of standardized control systems (1a - 1c) and gateways (1d) having different kinds of communication protocols in an automation-oriented installation, wherein each of the different kinds of control systems (1a - 1c) and gateways (1d) has a communication interface (2a - 2d) based on the same global signal transmission protocol for the purpose of connection to a shared communication network (3) which sets up information interchange between the different kinds of standardized control systems (1a - 1c) and gateways (1d) beyond the system boundaries of said control systems.

No. of Pages : 18 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4443/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : TONER COMPOSITIONS AND PROCESSES

(51) International classification	:G03G	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:12/974,310	<b>1)XEROX CORPORATION</b>
(32) Priority Date	:21/12/2010	Address of Applicant :45 GLOVER AVENUE, P.O. BOX
(33) Name of priority country	:U.S.A.	4505, NORWALK CONNECTICUT 06856-4505 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)FARRUGIA, VALERIE, M.</b>
(87) International Publication No	: NA	<b>2)SACRIPANTE, GUERINO, G.</b>
(61) Patent of Addition to Application Number	:NA	<b>3)HADZIDEDIC, SONJA</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Environmentally friendly toner particles are provided which may include a bio-based amorphous polyester resin, optionally in combination with another amorphous resin and/or a crystalline resin. Methods for providing these toners are also provided. In embodiments, the bio-based amorphous polyester resin is modified with a multi-functional bio-based acid, thereby providing acid-functionalized polyesters, which can be readily emulsified in emulsion aggregation processes for toner fabrication.

No. of Pages : 65 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4444/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : INDIVIDUAL CLEANING SYSTEM FOR WINDING UNITS

(51) International classification	:B65H	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:MI2010A	<b>1)SAVIO MACCHINE TESSILI S.P.A.</b>
	002330	Address of Applicant :VIA UDINE 105, PORDENONE
(32) Priority Date	:20/12/2010	Italy
(33) Name of priority country	:Italy	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)BADIALI, ROBERTO</b>
Filing Date	:NA	<b>2)CEOLIN, MAURO</b>
(87) International Publication No	: NA	<b>3)SACILOTTO, SIMONE</b>
(61) Patent of Addition to Application Number	:NA	<b>4)QUERENGHI, MAURO</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Winding unit served by a cleaning system through fixed blowing nozzles, mounted on each spooling station and disposed at devices sensitive to the presence of impurities like dust, fibres and residues of hairiness of the unwound thread. Said nozzles are fed by a source of compressed air available on the spooling station and inject pressurized air at such sensitive devices to remove such impurities from the path of the thread.

No. of Pages : 21 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4279/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SURFACE MOUNTING BOX

(51) International classification	:F16L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SCHNEIDER ELECTRIC INDUSTRIES SAS
(32) Priority Date	:NA	Address of Applicant :35, RUE JOSEPH MONIER, F-
(33) Name of priority country	:NA	92500 RUEIL MALMAISON France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BABISH THODIYIL
(87) International Publication No	: NA	2)PRAVEEN KUMAR D
(61) Patent of Addition to Application Number	:NA	3)MALLIKARJUN RAO
Filing Date	:NA	4)JUAN-PEDRO BARRIO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a surface mounting box (101) comprising of a cover member (102) and a base member (103) (not shown in figures 3 to 7). The cover member (102) and the base member (103) are removalbly secured to each other by means of a snap fit arrangement (104). Each snap fit arrangement (104) comprises a pre-clipping lug (105) a final clipping lug (106) and an engaging undulation (107). The lugs (105,106) are provided on the base member (103) while the engaging undulations (107) are provided on the inner surface of the cover member (102). Preferably, the base member (102) is provided with disengaging lugs (118) for disengaging the cover member (102) from the base member (103).

No. of Pages : 39 No. of Claims : 19



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4449/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A VALVE FOR REMOVING RESIDUAL AQUEOUS SOLUTION FROM A DOSING MODULE

(51) International classification	:F02D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS
(32) Priority Date	:NA	SOLUTIONS LIMITED
(33) Name of priority country	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(86) International Application No	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	2)ROBERT BOSCH GMBH
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PRADEEP PAULRAJ
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a valve (22) and a method for removing residual aqueous solution from a dosing module (14). The valve (22) in accordance with this invention provides a path for the aqueous solution from a pump (16) to a dosing module (14) in a first position said valve (22). In a second position the valve (22) provides a path (20) directing pressurized air, to the dosing module (14) to expel the residual aqueous solution from the dosing module (14).

No. of Pages : 9 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4450/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A METHOD OF DETERMINING STATE OF CHARGE OF A VEHICLE BATTERY

(51) International classification	:H01M	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS
(32) Priority Date	:NA	SOLUTIONS LIMITED
(33) Name of priority country	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(86) International Application No	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	2)ROBERT BOSCH GMBH
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BALAJI. R
(62) Divisional to Application Number	:NA	2)SOUNDAR RAJAN. K
Filing Date	:NA	

(57) Abstract :

A method for determining state of charge of the vehicle battery is disclosed. The state of charge of the battery is determined using resistance of the cable by determining the battery cable temperature. The cable is coupled between a starter motor (60) and the battery (50). The method comprising the steps of measuring an intake air temperature from at least one temperature sensor (20) provided in an intake air path (24) of an engine (80) of a vehicle, measuring an engine coolant temperature from at least one temperature sensor (30) provided in a coolant path of said engine (80), measuring vehicle speed from vehicle speed sensor (40), determining the cable temperature using the vehicle speed, the intake air temperature and the engine coolant temperature.

No. of Pages : 13 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4451/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A METHOD AND APPARATUS TO OPERATE A PROJECTOR IN A MOBILE DEVICE

(51) International classification	:H04W	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS
(32) Priority Date	:NA	SOLUTIONS LIMITED
(33) Name of priority country	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(86) International Application No	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	2)ROBERT BOSCH GMBH
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GOVINDARAJAN JAYAKANTH
(62) Divisional to Application Number	:NA	2)ALBIN PAUL LAZAR
Filing Date	:NA	

(57) Abstract :

A method and apparatus to control a mobile device is disclosed. The mobile device comprises a first receiving module for receiving a first parameter. A location finding means is provided to find the current location of the mobile device. A control means enables or disables the projection of the information, based on the current location of the mobile device and the first parameter. The mobile device further comprises a second receiving module to receive one or more second parameters. In another embodiment, projection of information is controlled based on the first parameter, current location of the mobile device and one or more second parameters.

No. of Pages : 14 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4453/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : BARCODE PHOTO-IMAGE PROCESSING SYSTEM

(51) International classification	:G06K	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)MINDTREE LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :GLOBAL VILLAGE, RVCE POST,
(33) Name of priority country	:NA	MYSORE ROAD, BANGALORE - 560 059 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)SUMA NARASA PRAKASH</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A computer implemented method and system for processing a low quality captured image of a barcode of any type having a large amount of data is provided. An image processing application on a computing device acquires the captured image of the barcode, determines the type, for example, format, shape, etc., of the barcode in the acquired image of the barcode, and creates a gray barcode image from the acquired image of the barcode by gray shading over an entirety of the acquired image of the barcode. The image processing application modularizes the created gray barcode image based on the type of the barcode and binarizes the created gray barcode image based on the type of the barcode by comparing an average gray level intensity of each of multiple grids of pixels or by comparing gray level intensities of individual pixels in the created gray barcode image, with a predetermined threshold.

No. of Pages : 83 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4297/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :09/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : WEAVING METHOD FOR AIR JET LOOM

(51) International classification	:D03D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-004549	<b>1)TSUDAKOMA KOGYA KABUSHIKI KAISHA</b>
(32) Priority Date	:13/01/2011	Address of Applicant :18-18,NOMACHI 5-CHOME,
(33) Name of priority country	:Japan	KANAZAWA-SHI, ISHIKAWA-KEN, 921-8650 Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)MORIMOTO, HITOSHI</b>
(87) International Publication No	: NA	<b>2)MATSUMOTO, MASATO</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An air jet loom includes a main nozzle (1) for weft insertion and a plurality of sub-nozzles (3) arranged along a weft insertion path, the sub-nozzles (3) ejecting air at preset timings in a relay manner from the sub-nozzle (3) closest to a weft insertion side to assist a movement of a weft yarn (Y) ejected from the main nozzle (1). The air jet loom includes an auxiliary ejection nozzle (10, 20) provided such that an ejection hole thereof is positioned near a distal end portion of the main nozzle (1), the auxiliary ejection nozzle (10, 20) ejecting air such that the air acts on the weft yarn (Y) pulled out from the main nozzle (1). When the air jet loom uses a pre-dyed yarn as the weft yarn (Y), the auxiliary ejection nozzle (10, 20) is caused to eject the air in a predetermined period within a period from a time of completion of the weft insertion to a time at which the weft yarn (Y) is restrained by warp yarns (T).

No. of Pages : 35 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4455/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF 2-AMINO-1, 3-PROPANEDIOL COMPOUNDS

(51) International classification	:C08G	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MSN LABORATORIES LIMITED
(32) Priority Date	:NA	Address of Applicant :FACTORY: SY.NO.317 & 323,
(33) Name of priority country	:NA	RUDRARAM (VIL), PATANCHERU (MDL), MEDAK
(86) International Application No	:NA	(DIST) - 502 329 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SRINIVASAN THIRUMALAI RAJAN
(61) Patent of Addition to Application Number	:NA	2)SAJJA ESWARAI AH
Filing Date	:NA	3)PERI SEETHA RAMA SARMA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides an improved and novel processes for the preparation of 2-amino-2-[2-(4-octylphenyl)ethyl]propan-1,3-diol hydrochloride compound represented by the following structural formula-Ia.

No. of Pages : 33 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4457/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : CODEWORD SPACE REDUCTION FOR INTRA CHROMA MODE SIGNALING FOR HEVC

(51) International classification	:H04N	(71)Name of Applicant :
(31) Priority Document No	:61/432, 970	1)SONY CORPORATION
(32) Priority Date	:14/01/2011	Address of Applicant :1-7-1 Konan Minato-ku Tokyo 108-0075 Japan.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)Liu Wei
Filing Date	:NA	2)Dong Lina
(87) International Publication No	: NA	3)Maani Ehsan
(61) Patent of Addition to Application Number	:NA	4)Tabatabai Ali
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Intra prediction is used in state-of-the-art video coding standards such as AVC. The intra prediction modes are coded into the bitstream. Luma and chroma components could potentially have different prediction modes. For chroma components there are 7 different modes defined in AVC: vertical horizontal DC diagonal directions and same as luma• . Statistics show that the same as luma• mode is frequently used but in AVC this mode is encoded using more bits than other modes during entropy coding therefore the coding efficiency is decreased. Accordingly a modified binarization/codeword assignment for chroma intra mode signaling is able to be utilized for high efficiency video coding (HEVC) the next generation video coding standard.

No. of Pages : 24 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4460/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METERING AND RESOURCE UTILISATION•

(51) International classification	:G01D	(71)Name of Applicant :
(31) Priority Document No	:GB1021758.6	1)SECURE METERS (UK) LIMITED
(32) Priority Date	:20/12/20 0	Address of Applicant :Secure House Moorside Road
(33) Name of priority country	:U.K.	Winchester Hampshire SO23 7RX United Kingdom
(86) International Appli ation No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Sanjaya Singhal
(87) International Publication No	: NA	2)Kaushik Ghosh
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

From a first aspect, the present invention relates to a utility meter comprising: means for monitoring the consumption of a utility at a time interval, means for storing data relating to the utility consumption; means for calculating statistical data useful for a utility service provider from the stored data; means for sending the statistical data to the utility service provider, wherein the statistical data differs to the data relating to the utility consumption. A system for monitoring the consumption of a utility is also provided, comprising: the aforementioned utility meter adapted to communicate with a utility service provider over a bi-directional communication network, the utility service provider adapted to receive the statistical data from the utility service provider and carry out further processing on the data. A corresponding method of monitoring consumption of a utility is also provided. From another aspect, the present invention provides a utility meter comprising means for monitoring the consumption of a utility, and means for predicting the consumption of the utility for a future period of time.

No. of Pages : 12 No. of Claims : 11



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4405/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND SYSTEM TO COMPRESS AND STORE NEXT GENERATION SEQUENCING READS AND ANNOTATIONS

(51) International classification

:H04N

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

**1)CAZI Nadir Iqbal**

**2)BHOLA Vishal**

**3)AHN TaeJin**

**4)Bopardikar Ajit S**

**5)NARAYANAN Rangavittal**

(57) Abstract :

A method and system for efficient compression of the genomic data with the provision of random access and selective decoding of the reads (and quality value) corresponding to a specific region on the reference genome is disclosed. The method provides a format for storing annotations besides the compressed reads and quality information. Further, the method provides random access to the annotations. These annotations can be selectively decoded without decompressing the reads and the genomic data. The reads are first aligned to a relevant reference sequence using alignment tools. The output of these alignment tools is stored in SAM or BAM files. The method uses this alignment information and encodes the reads and quality information for efficient compression of reads.

No. of Pages : 48 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4406/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :16/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : Quantified Role based Employment Verification

(51) International classification	:G06Q	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)NARENDRA KETHAMARANAHALLI</b>
(32) Priority Date	:NA	<b>VIJAYASIMHA</b>
(33) Name of priority country	:NA	Address of Applicant :NARENDRA
(86) International Application No	:NA	KETHAMARANAHALLI VIJAYASIMHA REZORCE
Filing Date	:NA	MANAGED SOLUTIONS PVT. LTD. 111/1 6TH MAIN 8TH
(87) International Publication No	: NA	CROSS MALLESWARAM BANGALORE India
(61) Patent of Addition to Application Number	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)NARENDRA KETHAMARANAHALLI</b>
(62) Divisional to Application Number	:NA	<b>VIJAYASIMHA</b>
Filing Date	:NA	

(57) Abstract :

This invention defines a quantitative method and system to validate role based and responsibility based information provided by a candidate at the time of interview during lateral hiring in companies The systems employs a 360 degree feedback system to validate the information provided by the candidate in the lateral hiring process. In a faith based hiring process this method is a fool proof and collaborative method to validate all claims made by the candidate in the rÃsumÃ and during the verbal interviews and shortlist the right candidate for employment. The system also provides a logical way and a quantitative method to compare two or more candidates for their suitability for the position with reference to an international standard.

No. of Pages : 22 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4472/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : THREE PIN ACTUATED SAFETY SHUTTER FOR A SOCKET OUTLET

(51) International classification	:H01R	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)SCHNEIDER ELECTRIC INDUSTRIES SAS</b>
(32) Priority Date	:NA	Address of Applicant :35, RUE JOSEPH MONIER, F-
(33) Name of priority country	:NA	92500 RUEIL MALMAISON France
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)LAKSHMAN RAJ KINI</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A socket assembly comprises a front plate for receiving a three pin plug and a safety shutter is assembled inside the front plate. A spring, compressed while assembling the shutter, provides the energy for the shutter to move back into original position after removal of the plug pin. The shutter has vertical and horizontal flaps formed in upright directions, and includes angled surfaces formed in a vertical direction and in a horizontal direction at the bottom surface of the shutter. Sliding surfaces are formed on the top surface of the shutter at the in-between portions of the corner and the center part of the horizontal flap to provide transition movement of the shutter in the front plate. The operation of the plug through the socket makes the shutter to pivot and swing on the front plate and provides access and for the plug and socket. The shutter provides access to the plug only when all the three pins are operated and prevents access when less than three pins operated in the socket.

No. of Pages : 36 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4475/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : CLOUD MANAGEMENT SYSTEM

(51) International classification	:H04L
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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CROSS, THYAGARAJANAGAR, BANGALORE - 560 028,  
KARNATAKA. India

(72)**Name of Inventor :**

**1)CHANDRASHEKAR C.E.**

(57) Abstract :

A cloud management system coupled to a cloud network and a server. The cloud management system includes a plurality of cloud nodes, a data storage controller and a network switch. The cloud management system is configured to enable polling over the cloud network one of the server, the data storage controller and network switches through application programmable interface (API) calls. Still further, the cloud network is configured to connect the server, the data storage controller and the network switch. The cloud management system leverages data from one of the server, the data controller and the network switch onto a management processor and manages over the cloud network through API calls the server, the data controller and the network switch based on the data leveraged onto the management processor.

No. of Pages : 24 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4066/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :24/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND DEVICE FOR FAST PUSHING UNICAST STREAM IN FAST CHANNEL CHANGE

(51) International classification :H04L 12/00  
(31) Priority Document No :201010602783.2  
(32) Priority Date :20/12/2010  
(33) Name of priority country :China  
(86) International Application No :NA  
Filing Date :NA  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number:NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)Huawei Technologies Co. Ltd.**  
Address of Applicant :Huawei Administration Building  
Bantian Longgang District Shenzhen Guangdong 518129 P.R.  
China.  
(72)**Name of Inventor :**  
**1)WU Xingfen**  
**2)YU Tianchang**  
**3)HUANG Zhiping**  
**4)ZHENG Hewen**

(57) Abstract :

The present invention discloses a method and a device for fast pushing a unicast stream in a Fast Channel Change (FCC), and relates to the field of Internet Protocol Television (IPTV). A server obtains a multicast join delay of a terminal, determines a minimum value of a data amount between a starting position of a fast unicast stream and a latest packet position according to the multicast join delay of the terminal, a decoding rate, a unicast push rate, and a lowest buffer data amount required for decoding, judges whether a latest I frame completely arrives according to a packet buffer state; and fast pushes the unicast stream starting from the latest I frame if the latest I frame completely arrives, and an arrived data amount starting from the latest I frame is greater than or equal to the minimum value. Through the foregoing solutions of the present invention, burst traffic is reduced.

No. of Pages : 22 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4481/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : ELECTRIC ECHICLE•

(51) International classification	:H01M
(31) Priority Document No	:2010-292769
(32) Priority Date	:28/12/2010
(33) Name of priority country	:Japan
(86) International Application No	:NA
iling Date	:NA
(87) nternational Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)SUZUKI MOTOR CORPORATION**  
Address of Applicant :300 Takatsuka-cho Minami-ku  
Hamamatsu-shi Shizuoka-ken Japan  
(72)**Name of Inventor :**  
**1)Kunihiro NITAWAKI**

(57) Abstract :

An electric vehicle has a battery pack under a floor panel. The battery pack includes battery modules having an electricity storage function, a first case holding the battery modules therein, and a power shut-off mechanism temporarily interrupting the electric power of the battery modules. The floor panel includes an access port communicating between the inside and outside of a cabin. The battery pack further includes a second case extending upward from an upper surface of the first case adjacent to the floor panel and including the power shut-off mechanism therein. The second case has an opening for allowing the access to the power shut-off mechanism from the outside of the second case, the opening being oriented in an access direction where the power shut-off mechanism is accessed from the access port toward the opening.

No. of Pages : 22 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4491/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : RECEIVING CIRCUIT, SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE, TELEVISION TUNER, AND TELEVISION RECEIVER

(51) International classification :H04N  
(31) Priority Document No :2010-287486  
(32) Priority Date :24/12/2010  
(33) Name of priority country :Japan  
(86) International Application No :NA  
Filing Date :NA  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)SHARP KABUSHIKI KAIHSA**  
Address of Applicant :22-22, NAGAIKI-CHO, ABENO-KU, OSAKA-SHI OSAKA 545-8522 Japan  
(72)**Name of Inventor :**  
**1)BABA, KENSUKE**

(57) Abstract :

This receiving circuit includes a digital-control-type variable gain amplifier (2) amplifying an RF signal for analog television broadcasting, a detection circuit (3) detecting a level of an output signal of the amplifier (2) and controlling gain of the amplifier (2) such that the detected signal level attains a predetermined level, and a signal detection circuit (9) setting a control signal (CNT) to the H level during a vertical blanking period in response to a vertical synchronizing signal. The detection circuit (3) controls the gain of the amplifier (2) during a time period in which the control signal (CNT) is set to the H level, and stops the control over the gain of the amplifier (2) during the other time periods. Therefore, noise caused by gain fluctuations is created only during the vertical blanking period and does not appear on a television picture.

No. of Pages : 21 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4492/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : RECEIVER FOR FSK RADIO FREQUENCY SIGNALS WITH HIGH SENSITIVITY DEMODULATOR AND METHOD FOR ACTIVATING THE SAME

(51) International classification	:H04L
(31) Priority Document No	:10196893.1
(32) Priority Date	:23/12/2010
(33) Name of priority country	:EPO
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)THE SWATCH GROUP RESEARCH AND DEVELOPMENT LTD,**  
Address of Applicant :RUE DES SORS 3, 2074 MARIN  
Switzerland  
(72)**Name of Inventor :**  
**1)CASAGRANDE, ARNAUD**  
**2)AREND, JEAN-LUC**

(57) Abstract :

The FSK radio frequency signal receiver (1) is a high sensitivity receiver. It includes an antenna (2) for receiving FSK radio frequency signals, a low noise amplifier (3) for amplifying and filtering the signals picked up by the antenna, a local oscillator (5) for supplying oscillating signals (So), a mixer (4) for mixing the incoming signals with the oscillating signals to produce intermediate signals (INT). The receiver further includes a broad band or polyphase filter (8) for filtering the intermediate signals, and an intermediate signal sampler (10) for supplying sampled intermediate signals to a high sensitivity demodulation stage (13) which supplies data signals (Dour). The receiver further includes a processing and selection circuit (11, 12) for performing at least one discrete Fourier transform of the sampled intermediate signals. The selector (12) at the output of the processing circuit (11) determines the difference between the frequency of a signal amplitude peak above a determined threshold and the expected frequency of the intermediate signals (INT). The frequency difference determined by the selector enables the frequency of the local oscillator oscillating signals (So) to be corrected, to enable the high sensitivity demodulation stage to demodulate the data in the sampled intermediate signals and supply data signals (Dour).

No. of Pages : 29 No. of Claims : 15



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4445/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SHOCK ABSORBER BEARING FOR A ROTATING WHEEL SET OF A TIMEPIECE MOVEMENT

(51) International classification	:G04B
(31) Priority Document No	:10196103.5
(32) Priority Date	:21/12/2010
(33) Name of priority country	:EPO
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)THE SWATCH GROUP RESEARCH AND DEVELOPMENT LTD.**  
Address of Applicant :RUE DES SORS 3, 2074 MARIN  
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(72)**Name of Inventor :**  
**1)CONUS, THIERRY**  
**2)BORN, JEAN-JACQUES**

(57) Abstract :

The timepiece movement includes a shock absorber bearing (70) for a rotating wheel set, formed of an elastic device (72) having a rigid central part (74) and an elastic structure (26) connected to said central part and extending at the periphery thereof, the central part having an aperture in which a pierced jewel (10) is arranged and being materially connected to the timepiece movement via the elastic structure. This bearing further includes an endstone (82), which forms a top stop member for the pivot of the rotating wheel set and is assembled to said central part so as to move integrally therewith. The bearing is characterized in that the endstone extends at least partially above the elastic structure and in that it is secured to said central part by a material connection between said central part and the bottom surface (83) of the endstone. Preferably, said bottom surface of the endstone defines a first vertical surface (86) and the central part of the elastic device defines a second vertical surface (76), arranged opposite the first vertical surface.

No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4446/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : ASSEMBLY OF PART THAT HAS NO PLASTIC DOMAIN

(51) International classification	:F16F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:10196580.4	<b>1)NIVAROX-FAR S.A.</b>
(32) Priority Date	:22/12/2010	Address of Applicant :AVENUE DU COLLEGE 10, 2400
(33) Name of priority country	:EPO	LE LOCLE Switzerland
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)VERARDO, MARCO</b>
(87) International Publication No	: NA	<b>2)CUSIN, PIERRE</b>
(61) Patent of Addition to Application Number	:NA	<b>3)QUEVAL, ARTHUR</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method of assembling a member (5, 15) made of a first material in a part (3) made of a second material having no plastic domain, including the following steps: a) forming the part (3) with an aperture (4); b) inserting an intermediate part (7, 27, 27', 27, 27'), which is made of a third material and includes a hole (8, 28, 28', 28, 28') into the aperture (4) without any stress; c) introducing the member (5, 15) into the hole (8, 28, 28', 28, 28') without any stress; d) elastically and plastically deforming the intermediate part (7, 27, 27', 27, 27') by moving two tools (11, 13, 21) towards each other axially, respectively on the top and bottom parts of said intermediate part, so as to exert a radial stress (B, C) against the member (5, 15) and against the wall of the part (3) surrounding the aperture (4) by causing the elastic deformation of the part (3), in order to secure the assembly in a manner that is not destructive for said part. The invention particularly concerns the field of timepieces.

No. of Pages : 22 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4448/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : DEVICE AND PROCESS FOR CONTROLLING AND FEEDING SPOOLS COMING IN BULK FROM SPINNING TO AN AUTOMATIC SPOOLER

(51) International classification

:B65H

(31) Priority Document No

:MI2010A  
002331

(32) Priority Date

:20/12/2010

(33) Name of priority country

:Italy

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)SAVIO MACCHINE TESSILI S.P.A.**

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(72)Name of Inventor :

**1)BADIALI, ROBERTO**

**2)BRIEDA, PAOLO**

**3)MORINI, GIUSEPPE**

**4)MONACO, ERNESTO**

(57) Abstract :

Device and process for controlling spools coming in bulk from spinning and for subsequently feeding them for automatic spooling, wherein spools (2) travel on a main conveyor belt (1) whereon an optical sensor (3) is arranged, wherein the spool (2) in motion with the belt (1) , thus acquiring the profile and the posture of the spool (2) , On the basis of the detected profile, a deviating element (5) deviates the normal spools on a secondary sorting line (6) that receives and works the deviated spools towards the spooler and to be oriented with the base downwards, or does not deviate the anomalous spools from the main conveyor belt (1) , letting them continue towards a collecting box for their subsequent separate treatment.

No. of Pages : 31 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4498/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : APPARATUS AND METHOD FOR CONTROLLING A NODE OF A WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04W
(31) Priority Document No	:10196534.1
(32) Priority Date	:22/12/2010
(33) Name of priority country	:EPO
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)NTT DOCOMO, INC.**  
Address of Applicant :SANNO PARK TOWER, 36TH  
FLOOR,11-1, NAGATA-CHO 2-CHOME, CHIYODA-KU,  
100-6150 TOKYO Japan  
(72)**Name of Inventor :**  
**1)SCALIA, LUCA**  
**2)BIERMANN, THORSTEN**  
**3)CHOI, CHANGSOON**  
**4)KELLERER, WOLFGANG**  
**5)KOZU, KAZUYUKI**

(57) Abstract :

An apparatus (100) for controlling a node of a wireless communication system comprises a traffic load determiner (110), a cooperation capacity determiner (120) and a power control unit (130). The traffic load determiner (110) determines a traffic load (112) in the wireless communication system and the cooperation capacity determiner (120) determines an available cooperation capacity (122) of the node with another node of the wireless communication system. Further, the power control unit (130) activates or deactivates an antenna of a node based on the determined traffic load (112) and the determined available capacity (122).

No. of Pages : 38 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4377/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : INFORMATION PROCESSING APPARATUS INFORMATION PROCESSING METHOD AND PROGRAM

(51) International classification	:H04N	(71)Name of Applicant :
(31) Priority Document No	:P2010-284583	<b>1)SONY CORPORATION</b>
(32) Priority Date	:21/12/2010	Address of Applicant :1-7-1 KONAN, MINATO-KU,
(33) Name of priority country	:Japan	TOKYO Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)TOMOYA NARITA</b>
(87) International Publication No	: NA	<b>2)LYO TAKAOKA</b>
(61) Patent of Addition to Application Number	:NA	<b>3)KENICHI OKADA</b>
Filing Date	:NA	<b>4)SHUNICHI KASAHARA</b>
(62) Divisional to Application Number	:NA	<b>5)RITSUKO KANO</b>
Filing Date	:NA	

(57) Abstract :

The present disclosure provides an information processing apparatus including an acquisition block configured to acquire a detection result associated with a user attention to an object displayed on a display screen capable of displaying stereoscopic image, and a display control block configured to animation-display the object in the direction of depth in accordance with the user attention on the basis of the acquired detection result.

No. of Pages : 50 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4378/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : DISPLAY CONTROL APPARATUS DISPLAY CONTROL METHOD AND COMPUTER PROGRAM PRODUCT

(51) International classification

:B65B

(31) Priority Document No

:P2010-  
284320

(32) Priority Date

:21/12/2010

(33) Name of priority country

:Japan

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)SONY CORPORATION**

Address of Applicant :1-7-1 KONAN, MINATO-KU,  
TOKYO Japan

(72)Name of Inventor :

**1)LYO TAKAOKA**

**2)TAKASHI NUNOMAKI**

**3)RYOKO AMANO**

**4)KENZO NISHIKAWA**

**5)RITSUKO KANO**

**6)SHUNICHI KASAHARA**

**7)TOMOYA NARITA**

(57) Abstract :

A display control apparatus, method and computer program storage device detect when an object is in a proximity position relative to a display. In response, a display state of a displayed item is changed. Then, a processing circuit causes a relation item to be displayed adjacent to the proximity position, the relation item being related to the displayed item. The displayed state may be changed in size, position, color and other ways to reflect the recognition of the object being detected as being proximate to a predetermined proximity location.

No. of Pages : 48 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4379/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : DISPLAY CONTROL DEVICE, DISPLAY CONTROL METHOD, AND PROGRAM

(51) International classification	:G02F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:P2010-284321	<b>1)SONY CORPORATION</b>
(32) Priority Date	:21/12/2010	Address of Applicant :1-7-1 KONAN, MINATO-KU,
(33) Name of priority country	:Japan	TOKYO Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)LYO TAKAOKA</b>
(87) International Publication No	: NA	<b>2)TAKASHI NUNOMAKI</b>
(61) Patent of Addition to Application Number	:NA	<b>3)RYOKO AMANO</b>
Filing Date	:NA	<b>4)KENZO NISHIKAWA</b>
(62) Divisional to Application Number	:NA	<b>5)RITSUKO KANO</b>
Filing Date	:NA	<b>6)TOMOYA NARITA</b>
		<b>7)SHUNICHI KASAHARA</b>

(57) Abstract :

A display control device includes a display controller executing display control to display, on a display screen of a display device displaying an image, a whole of a display target image that is to be displayed and that has an aspect ratio differing from an aspect ratio of the display screen, and to display a partial enlarged image, which is obtained by enlarging a partial image corresponding to a part of the display target image and which has a smaller size than the display screen, at a displayed position of the partial image in superimposed relation to the display target image.

No. of Pages : 69 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4508/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :22/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : VIDEO TRANSMISSION AND SHARING OVER AN ULTRA-LOW BITRATE WIRELESS COMMUNICATION CHANNEL

(51) International classification	:H04L
(31) Priority Document No	:61/426,441
(32) Priority Date	:22/12/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)SEYYER INC.**  
Address of Applicant :5590 Satinleaf Way San Ramon  
California 94582 U.S.A.  
(72)**Name of Inventor :**  
**1)REZVANI Behrooz**

(57) Abstract :

Techniques for transmitting and sharing a video sequence over an ultra-low bandwidth channel such as a short message service (SMS) channel are disclosed herein. A video is segmented into regions of various interest levels. A set of parameters is developed from a video region of a high interest wherein the parameters represent a mapping function of a database to model the video region. The set of parameters is transmitted over the ultra-low bandwidth channel to a remote device wherein the remote device also has access to an instance of the database. The remote device synthesizes the video by using the mapping function of the database which is represented by the transmitted set of parameters.

No. of Pages : 51 No. of Claims : 36



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4511/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :22/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : VEHICLE FUEL SUPPLY EQUIPMENT

(51) International classification	:F02M	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-288465	<b>1)HONDA MOTOR CO., LTD.</b>
(32) Priority Date	:24/12/2010	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)UENO, MASAKI</b>
Filing Date	:NA	<b>2)TSUTSUMI, TOMOHIRO</b>
(87) International Publication No	: NA	<b>3)MORITA, JIRO</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Vehicle fuel supply equipment in which a fuel pump is held between a base member mounted to the bottom wall of a fuel tank to define a fuel reservoir portion and an upper cup formed like a bottomed tube having a closed upper end to be joined to the base member and holding a pressure regulator is designed to more reliably keep fuel held in the fuel reservoir portion, in the fuel reservoir portion. [Solving Means] A tubular wall portion 28c is provided integrally with a base member 2 8 so as to be connected to the lower portion of an upper cup 29. At least one fuel introduction hole 77 is provided in the tubular wall portion 2 8c of the base member 2 8 in the upper cup 29 and the base member 28 so as to face the side of a vehicle at the time of mounting a fuel tank 21 on the vehicle.

No. of Pages : 52 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4495/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : ROTATING ELECTRIC MACHINE AND WIND POWER GENERATION SYSTEM

(51) International classification	:H02K	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-009665	<b>1)KABUSHIKI KAISHA YASKAWA DENKI</b>
(32) Priority Date	:20/01/2011	Address of Applicant :2-1, KUROSAKI-SHIROISHI,
(33) Name of priority country	:Japan	YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA 806-
(86) International Application No	:NA	0004 Japan
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)YASUHIRO MIYAMOTO</b>
(61) Patent of Addition to Application Number	:NA	<b>2)HIROSHI TSUMAGARI</b>
Filing Date	:NA	<b>3)DAISUKE MORISHITA</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This rotating electric machine includes a rotor including a rotating shaft portion, a rotor yoke surrounding the rotating shaft portion and a rotor core, arranged on the outer peripheral surface of the rotor yoke, having a plurality of permanent magnets circumferentially arranged thereon at intervals, and a stator arranged to be opposed to the outer peripheral surface of the rotor, while the rotor yoke and the inner peripheral portion of the rotor core are fixed to each other with a fixing member.

No. of Pages : 91 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4547/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : HYDRATE OF SULFONYLUREA COMPOUND, PROCESS FOR PRODUCING THE SAME AND SUSPENSION FORMULATION CONTAINING THE SAME

(51) International classification	:A01N	(71)Name of Applicant :
(31) Priority Document No	:2010-289619	<b>1)SUMITOMO CHEMICAL COMPANY, LIMITED</b>
(32) Priority Date	:27/12/2010	Address of Applicant :27-1, SHINKAWA 2-CHOME,
(33) Name of priority country	:Japan	CHUO-KU, TOKYO 104-8260 Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)YANAGISAWA, YU</b>
(87) International Publication No	: NA	<b>2)KAMO, DAISAKU</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a hydrate of sulfonylurea compound represented by formula (I): having herbicidal activity, a process for producing the same, a suspension formulation containing the same, and the like.

No. of Pages : 36 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.456/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :07/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND APPARATUS FOR CONTROLLING JETTING PERFORMANCE IN AN INKJET PRINTER

(51) International classification	:B41J
(31) Priority Document No	:13/023,719
(32) Priority Date	:09/02/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)XEROX CORPORATION**  
Address of Applicant :45 GLOVER AVENUE, P.O. BOX  
4505, NORWALK CONNECTICUT 06856-4504 U.S.A.  
(72)**Name of Inventor :**  
**1)ZHOU, JING**  
**2)MOREHOUSE, JR. PAUL, W.**  
**3)ANTONIO, JOSEPH, M.**

(57) Abstract :

A printer receives print jobs and identifies at least one parameter associated with a print job to select a pressure level for at least one ink reservoir and at least one firing signal waveform for operating a printhead in the printer. The selected pressure and waveform enable optimal image quality for existing conditions identified from the print jobs performed by the printer.

No. of Pages : 34 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4577/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : EXHAUST GAS ANALYZING SYSTEM AND EXHAUST GAS ANALYZING METHOD

(51) International classification	:F01N	(71)Name of Applicant :
(31) Priority Document No	:2010-289654	<b>1)HORIBA, LTD.</b>
(32) Priority Date	:27/12/2010	Address of Applicant :2, MIYANOHIGASHI-CHO,
(33) Name of priority country	:Japan	KISSHOIN, MINAMI-KU, KYOTO-CITY, KYOTO 601-8510
(86) International Application No	:NA	Japan
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)ASAMI, TETSUJI</b>
(61) Patent of Addition to Application Number	:NA	<b>2)IKEDA, HIROYUKI</b>
Filing Date	:NA	<b>3)KOMADA, MINEYUKI</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is one that, in exhaust gas analysis of a vehicle that stops rotation of an engine during driving the vehicle, solves problems due to the engine stop at once, and is provided with, on an upstream side of an analytical instrument 2, an exhaust gas introduction pipe 3 of which one end is opened to an exhaust gas flow path 300 and the other end is connected to the analytical instrument 2, and a switching mechanism that selectively switches between a sampling path LI that samples exhaust gas from the exhaust gas introduction pipe 3 to introduce the sampled exhaust gas into the analytical instrument 2 and an air introduction path L2 that introduces air into the analytical instrument 2, wherein when the engine is operated, a path to the analytical instrument 2 is switched to the sampling path LI by the switching mechanism 4, whereas when the engine is stopped, the path is switched to the air introduction path L2 by the switching mechanism.

No. of Pages : 22 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.460/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :07/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND DEVICE FOR DOSING AND PACKAGING POLYSILICON CHUNKS AND DOSING AND PACKAGING UNIT

(51) International classification

:B65B

(31) Priority Document No

:10 2011

003875.2

(32) Priority Date

:09/02/2011

(33) Name of priority country

:Germany

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)WACKER CHEMIE AG**

Address of Applicant :HANNS-SEIDEL-PLATZ 4, D-81737 MUNCHEN Germany

(72)Name of Inventor :

**1)VIETZ,MATTHIAS**

**2)HOLZLWIMMER,RAINER**

**3)LICHTENEGGER,BRUNO**

(57) Abstract :

The invention relates to a method for dosing and packaging polysilicon chunks, wherein a product flow of polysilicon chunks is transported via a feed channel, separated by means of at least one screen into coarse and fine chunks, weighed and dosed to a target weight by means of a dosing balance, discharged via a discharge channel and transported to a packaging unit where a first plastic bag is filled with the polysilicon chunks and sealed, wherein this plastic bag containing polysilicon chunks is packaged by means of a further plastic bag which is formed by a shaper and is subsequently welded, wherein the at least one screen and the dosing balance at least partially comprise a hard metal on their surfaces and the shaper for forming the plastic bag comprises a wear-resistant coating. The invention furthermore relates to a dosing unit, a packaging unit and a device for dosing and packaging polysilicon chunks, which contains a dosing unit and a packaging unit.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3540/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :14/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : TIMEPIECE WITH A MODULAR ANALOGUE DISPLAY

(51) International classification	:G04B	(71)Name of Applicant :
(31) Priority Document No	:10187896.5	<b>1)ETA SA MANUFACTURE HORLOGERE SUISSE</b>
(32) Priority Date	:18/10/2010	Address of Applicant :SCHILD-RUST-STRASSE 17, CH-
(33) Name of priority country	:EPO	2540 GRENCHEN Switzerland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)COURVOISIER, RAPHAEL</b>
(87) International Publication No	: NA	<b>2)EGLI, ROMAN</b>
(61) Patent of Addition to Application Number	:NA	<b>3)CONUS, THIERRY</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a timepiece with an analogue display, including a timepiece movement (1) provided with a mechanical output, located on an arbour (2) of said movement, and a display assembly (30) provided with at least one time display device (31, 32, 111, 112) driven by said mechanical output, wherein the display assembly is separate from the timepiece movement (1) and linked to a fixed part (10) of said movement (1) by support means which enables said display device to take several different positions around the output arbour (2) of the movement. According to the invention, the support means of the display assembly includes an intermediate support (34, 70, 72, 70') secured to the fixed part (10) of the timepiece movement (1) and provided with support members (36, 87, 89, 87', 89') allowing said at least one display device (31, 32, 111, 112) to be assembled in several positions on the intermediate support (34, 70, 72, 70'). The invention concerns the field of timepiece display members.

No. of Pages : 36 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3541/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :14/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : INK JET RECORDING SYSTEM

(51) International classification	:C09D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-233580	<b>1)CANON KABUSHIKI KAISHA</b>
(32) Priority Date	:18/10/2010	Address of Applicant :30-2, SHIMOMARUKO 3-CHOME,
(33) Name of priority country	:Japan	OHTA-KU, TOKYO Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)RYO TAGURI</b>
(87) International Publication No	: NA	<b>2)HISAO KAMO</b>
(61) Patent of Addition to Application Number	:NA	<b>3)YASUHIRO NITO</b>
Filing Date	:NA	<b>4)TETSURO NOGUCHI</b>
(62) Divisional to Application Number	:NA	<b>5)ISAMU OGURI</b>
Filing Date	:NA	<b>6)OLIVIA HERLAMBANG</b>
		<b>7)NAOYA HATTA</b>

(57) Abstract :

An ink jet recording medium including a substrate and an ink receiving layer provided on the substrate and composed of two or more layers of at least an upper layer and a lower layer. The ink receiving layer contains polyvinyl alcohol in an amount of 12.7% by mass or more based on the total mass of the ink receiving layer. The upper layer is a layer most distant from the substrate, contains a pigment and polyvinyl alcohol, the pigment containing 90% by mass or more of alumina hydrate, and has a thickness of 3.0-10.0  $\mu\text{m}$ . The lower layer is positioned just under the upper layer, contains a pigment and polyvinyl alcohol, the pigment containing 20% by mass or more of silica, and has a thickness 2.5-10 times larger than that of the upper layer and an average pore radius 0.90-1.30 times larger than that of the upper layer.

No. of Pages : 55 No. of Claims : 13



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3543/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :14/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : EXTENDED RELEASE PHARMACEUTICAL COMPOSITIONS CONTAINING CARBAMAZEPINE

(51) International classification

:A61K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)MICRO LABS LIMITED**

Address of Applicant :NO. 27, RACE COURSE ROAD,  
BANGALORE - 560 001 Karnataka India

(72)Name of Inventor :

**1)KSHIRSAGAR, RAJESH**

**2)SHINDE, GANESH**

**3)KANDIKURWAR, AMIT**

(57) Abstract :

An extended release matrix tablet for once daily administration comprising Carbamazepine or pharmaceutically acceptable salts thereof and one or more pharmaceutical excipients and process for preparing the same and is bioequivalent to FDA approved Carbamazepine extended release tablet formulations (TEGRETOL ® -XR).

No. of Pages : 30 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3544/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :14/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : GATEWAY CHANNEL UTILIZATION

(51) International classification	:H04L	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)HEWLETT-PACKARD DEVELOPMENT COMPANY</b>
(32) Priority Date	:NA	<b>L.P.</b>
(33) Name of priority country	:NA	Address of Applicant :11445 Compaq Center Drive West
(86) International Application No	:NA	Houston TX 77070 U.S.A.
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)DEEPAK LADHA</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is a method of determining channel utilization in a gateway. Voice call entries are retrieved from a database associated with the gateway. For each voice call entry, a determination is made whether a gateway channel was used during a voice call. If for a voice call entry a gateway channel was used, it is determined whether the voice call is complete or active. If the voice call is complete, channel name used in the voice call and channel usage duration of the voice call since last channel utilization determination is calculated. The channel name is then mapped with the channel usage duration and the mapping is stored in the database. If the voice call is active, channel name used in the voice call and channel usage duration of the voice call since last channel utilization determination is calculated. The channel name is then mapped with the channel usage duration and the mapping is stored in the database.

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4434/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A PROCESS FOR ISOLATING AND IDENTIFYING THE ACTIVE CONSTITUENT OF CASSIA SENNA LEAF EXTRACT, BEING A CONSTITUENT FOR THE TREATMENT OF PROSTATE CANCER; AND TO THE SAID ACTIVE CONSTITUENT WHENEVER ISOLATED AND IDENTIFIED BY THE SAID PROCESS

(51) International classification	:G01N	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)DR. V.K. GOPALAKRISHNAN</b>
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF
(33) Name of priority country	:NA	BIOCHEMISTRY, KARPAGAM UNIVERSITY,
(86) International Application No	:NA	COIMBATORE 21 Tamil Nadu India
Filing Date	:NA	<b>2)D. GURUKUMAR</b>
(87) International Publication No	: NA	<b>3)KARPAGAM UNIVERSITY</b>
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)DR. V.K. GOPALAKRISHNAN</b>
(62) Divisional to Application Number	:NA	<b>2)D. GURUKUMAR</b>
Filing Date	:NA	

(57) Abstract :

A process for isolating and identifying the active constituent of cassia senna Leaf extract, being a constituent for the treatment of prostate cancer, comprising the steps, in combination, of subjecting samples of the said extract to High Profile Thin Layer Chromatography (HPTLC) for indicating the flavonoid and alkaloid profiles; Column chromatography for the separation of active constituents; thin layer column chromatography as in; UV-spectroscopy for analysis of the phytoconstituents for ascertaining the wave length (A, - max); Fourier transforms infrared (FTIR) spectroscopy for analysis of the phytoconstituents functional groups for identifying the functional groups; identification of the structure of the active constituents by Nuclear Magnetic Resonance (NMR) spectroscopy: two dimensional nuclear magnetic resonance (2D NMR) spectroscopy for resolving and identifying the nature of chemical sites in the sample; HSQC (Heteronuclear Single Quantum Coherence) for the detection of bond couplings; <sup>1</sup>H -Z H COSY (Homonuclear Correlation Spectroscopy) for revealing correlations between coupled protons; HMBC (Heteronuclear Multiple bond Coherence) also for the detection of bond couplings; elemental analysis for analysis of the carbon and hydrogen content of the sample analyzed by Erlenmeyer flask method for indicating the presence of hydrogen and carbon; mass spectroscopy for determination of the molecular weight of the active compound in the sample, the overall analysis indicating a structure of the active constituent of the said extract with a molecular formula = C<sub>54</sub>H<sub>86</sub>, molecular weight equal to 735.26064 tno.gm, compound name: polyunsaturated hydrocarbon.

No. of Pages : 12 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4435/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : EXTENDED RELEASE COMPOSITIONS OF NEVIRAPINE

(51) International classification	:B63H 16/00	(71) <b>Name of Applicant :</b> <b>1)HETERO RESEARCH FOUNDATION</b> Address of Applicant :HETERO DRUGS LIMITED, HETERO CORPORATE, 7-2-A2, INDUSTRIAL ESTATES, SANATH NAGAR, HYDERABAD - 500 082 Andhra Pradesh India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)PARTHASARADHI REDDY, BANDI</b>
(33) Name of priority country	:NA	<b>2)KHADGAPATHI, PODILI</b>
(86) International Application No	:NA	<b>3)SUBRAHMANYAM, PVRS</b>
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is directed to extended release pharmaceutical compositions comprising nevirapine, a release control polymer and one or more pharmaceutically acceptable excipients, process for its preparation and use in the treatment of HIV-1 infection in adults.

No. of Pages : 17 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4436/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : CONTROLLING COUNTERFEIT MEDICINES AND EXPIRED DATE MEDICINES IN MEDICAL SHOPS

(51) International classification	:G07D	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)M. SARAVANA GANESH</b>
(32) Priority Date	:NA	Address of Applicant :66, HOSPITAL ROAD,
(33) Name of priority country	:NA	TIRUKOILUR - 605 757 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)M. SARAVANA GANESH</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The main aim of this project is to reduce the duplication of medicines in medical shops and to stop the selling of expire date medicines and automatically notify the sales of medicines to respective company without the help of the supervisors. In this project what we have done means using the latest and safest technology called RFID. In this we add the RFID tags to each and every tablet strips and each medicine particulars. That RFID tag contains all the details about that particular medicines including expiry date of that medicines, description about that medicines with the help of RFID tag-id number. That tag can acquire the details of that particular medicines from central databases were all the details have been stored .These details are been retrieved only by the standard RFID readers which are to be standardized by the government. If an medicine has to be sold then the medicine containing RFID tag has to be read by the RFID reader then all the details will be shown on the screen if an medicine has expired date then it cannot be sold or billed then it warned the shop owner about its expiry date problem, then we have report it to that company .If we implement this project then the safety in the medical field increased and the prices of the medicines are also not increased.

No. of Pages : 7 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4454/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : THE ELECTRIC POWER PROJECT FROM MINIMUM WATTS POWER IS STEP UP TO MAXIMUM MEGA WATTS POWER

(51) International classification	:G03F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)T. RAVI
(32) Priority Date	:NA	Address of Applicant :S/O. THANGAVEL, 33/1, DEVAR
(33) Name of priority country	:NA	COLONY, PAJANAI MADA LANE, NETHAJI ROAD,
(86) International Application No	:NA	TIRUVARUR, PIN CODE - 610 001 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)B. KARUNANITHI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A Electric Circuit Board Gives AC Electric Power to an AC Electric Motor. The Motor is connected with an AC Dynamo. The AC Dynamo's Output power is goes to another AC Electric Motor. The another AC motors are connected another AC Dynamo. These steps are continued for our aim for how much power we need. The last step Electric Powers are goes to a Power Transformer, here all the powers are integrated or Coordinated. The integrated or coordinated Electric power is taken for our uses. Hence, we get Maximum 1000's MW Electric Power from Minimum of WATTS Electric Power. (If , t Necessary We Use the PMDC motor with AC to DC Converter in the place of AC Motor), and also the Starting Stage of this invention there use the Automatic Power System.

No. of Pages : 9 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4615/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :28/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : OLEANOYL PEPTIDE COMPOSITION PROCESS AND METHODS THEREOF

(51) International classification :A61k  
(31) Priority Document No :12/979667  
(32) Priority Date :28/12/2010  
(33) Name of priority country :U.S.A.  
(86) International Application No :NA  
Filing Date :NA  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :

**1)SAMI LABS LTD**

Address of Applicant :19/1 AND 19/2, I MAIN, II PHASE,  
PEENYA INDUSTRIAL AREA, BANGALORE - 560 058.  
Karnataka India

(72)Name of Inventor :

**1)MUHAMMED MAJEED**

**2)KALYANAM NAGABHUSHANAM**

**3)RENUKESHWAR H CHANDRAMOULI**

**4)RATTAN SOOD**

**5)SUBBALAKSHMI PRAKASH**

**6)SUSMITHA ANAND TATHAPUDI**

(57) Abstract :

The present invention relates to a composition containing peptide of SEQ ID No. 1 linked to oleanolic acid and a method of treating skin aging. The composition effectively reduces signs of ageing due to oxidation, collagen insufficiency and excess activity of serine proteases like elastase and collagenase that result in wrinkling of skin, fine expression lines, reduced skin thickness, hyperpigmentation, under eye dark circles, and premature ageing.

No. of Pages : 59 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4619/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :28/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PACKAGING, ESPECIALLY A TUBULAR POUCH PACKAGING, HAVING A SUBSTANTIALLY RECTANGULAR BASE

(51) International classification	:B65D	(71)Name of Applicant :
(31) Priority Document No	:20 2011	<b>1)HUHTAMAKI RONSBERG,</b>
(32) Priority Date	106 956.0	<b>ZWEIGNIEDERLASSUNG DER HUHTAMAKI</b>
(33) Name of priority country	:19/10/2011	<b>DEUTSCHLAND GMBH &amp; CO. KG</b>
(86) International Application No	:NA	Address of Applicant :HEINRICH-NICOLAUS-STRASSE
Filing Date	:NA	6, DE-87671 RONSBERG, ALLGAU Germany
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	<b>1)FENN-BARABASS, CHRISTIAN</b>
Filing Date	:NA	<b>2)DAELMANS, EDDY</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Packaging (10), especially a tubular pouch packaging, having a substantially rectangular base (20), wherein the packaging (10) is produced from a one-piece cut blank of film, especially laminate, having a longitudinal sealed seam (40) and a transverse sealed seam (50) which is gusseted at least at the bottom on both sides.

No. of Pages : 19 No. of Claims : 10



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4620/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :28/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : OBTURATOR FOR FIREARMS

(51) International classification	:F41A	(71)Name of Applicant :
(31) Priority Document No	:MI2011A001142	1)FABBRICA D'ARMI PIETRO BERETTA S.P.A.
(32) Priority Date	:23/06/2011	Address of Applicant :VIA PIETRO BERETTA 18,
(33) Name of priority country	:Italy	GARDONE VEL TROMPIA(BRESCIA). Italy
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ZEDROSSER, ULRICH
(87) International Publication No	: NA	2)ANSAKDI, UGO
(61) Patent of Addition to Application	:NA	3)BONOMI, SERGIO
Number	:NA	4)BASSOLI, MARCO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An obturator (100) for firearms comprises: a structure (101) ; a closing head (102) , in particular a rotary-one, arranged at an end (103) of the cylindrical structure (101); at least a resting surface (104) defined on the closing head (102) to engage the bottom (F) of at least one cartridge (C); at least one through channel (105) extending longitudinally through the cylindrical structure (101) for operatively engaging at least one striker of the firearm. The obturator comprises deformation means (108) associated with the closing head (102) to at least partially deform a firing capsule (109) and/or a bottom of a cartridge (C) loaded on the firearm.

No. of Pages : 17 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4621/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :28/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : THERMAL BARRIER FOR FIREARMS AND FIREARM PROVIDED WITH SUCH A THERMAL BARRIER

(51) International classification	:F41A	(71)Name of Applicant :
(31) Priority Document No	:MI2011A	<b>1)FABBRICA D'ARMI PIETRO BERETTA S.P.A.</b>
(32) Priority Date	001578	Address of Applicant :VIA PIETRO BERETTA 18,
(33) Name of priority country	:02/09/2011	GARDONE VAL TROMPIA (BRESCIA). Italy
(86) International Application No	:Italy	(72)Name of Inventor :
Filing Date	:NA	<b>1)BASSOLI, MARCO</b>
(87) International Publication No	:NA	<b>2)RIGHI, EUGENIO</b>
(61) Patent of Addition to Application Number	:NA	<b>3)ANSALDI, UGO</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A thermal barrier (1) for firearms (A) comprising a body (2), optionally substantially cylindrical, made of a ceramic material. The body (2) is shaped and configured for being placed between a respective barrel (C) of a firearm (A) and at least one structure (S) of the firearm (A) . The body (2) of the thermal barrier (1) has a first portion (3) suitable for remaining facing the barrel (C) of the respective firearm (A) , and a second portion (4) facing the side opposite with respect to the first portion (3) , optionally suitable for bearing upon at least one portion of the structure (S) of the firearm (A) .

No. of Pages : 19 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4501/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :22/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : CODEWORD SPACE REDUCTION FOR INTRA CHROMA MODE SIGNALING FOR HEVC

(51) International classification	:H04N	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:61/432,970	<b>1)Sony Corporation</b>
(32) Priority Date	:14/01/2011	Address of Applicant :1-7-1 Konan Minato-ku Tokyo 108-
(33) Name of priority country	:U.S.A.	0075 Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)Liu Wei</b>
(87) International Publication No	: NA	<b>2)Dong Lina</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Intra prediction is used in state-of-the-art video coding standards such as AVC. The intra prediction modes are coded into the bitstream. Luma and chroma components could potentially have different prediction modes. For chroma components there are 5 different modes defined in AVC: vertical horizontal DC diagonal down right and same as luma• . Statistics show that the same as luma• mode is frequently used but in AVC this mode is encoded using more bits than other modes during entropy coding therefore the coding efficiency is decreased. Accordingly a modified binarization/codeword assignment for chroma intra mode signaling is able to be utilized for high efficiency video coding (HEVC) the next generation video coding standard.

No. of Pages : 22 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4636/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :28/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN APPARATUS AND METHOD FOR A COMMUNICATION NETWORK

(51) International classification :G06K  
(31) Priority Document No :PCT/IB2011/051875  
(32) Priority Date :28/04/2011  
(33) Name of priority country :PCT  
(86) International Application No :NA  
Filing Date :NA  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)Nokia Corporation**  
Address of Applicant :Keilalahdentie 4 FI-02150 Espoo  
Finland.  
(72)**Name of Inventor :**  
**1)MAANSAARI Kirsi**  
**2)KIRVESKOSKI Miikka**  
**3)ROBINSON James**  
**4)MARSHBURN Chad**  
**5)DANIELSEN Peter**  
**6)BRAGINSKI Per**

(57) Abstract :

Embodiments of the invention relate to an apparatus and method for a communication network. apparatus comprising: Certain embodiments provide an a first reader configured to read a user insertable integrated circuit configured to identify a user in a communications network; a second reader configured to read a user insertable integrated circuit configured to identify a user in a communications network; at least one memory storing computer program instructions; and at least one processor configured to execute the computer program instructions to cause the apparatus at least to perform: causing a diversion of a communication directed to an integrated circuit inserted in one of the readers to an integrated circuit inserted in the other of the readers.

No. of Pages : 44 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4648/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :29/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : BLAZING APPARATUS FOR ALUMINUM CLAD OBLONG TUBE FOR AIR COOLING SYSTEM CONDENSING PLANT

(51) International classification	:F28F	(71)Name of Applicant :
(31) Priority Document No	:10-2011-0042645	<b>1)JNK HEATERS CO., LTD</b>
(32) Priority Date	:04/05/2011	Address of Applicant :WOOLIM LIONS VALLEY A-1012, 371-28 GASAN-DONG, GUMCHEON-GU, SEOUL 153-786
(33) Name of priority country	:Republic of Korea	Republic of Korea
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)OH, YOUNGCHAN</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure discloses a brazing apparatus for aluminum (AL) clad oblong tube for air cooling system condensing plant by inputting a clad. tube and a cooling fin to an electric heating furnace to braze the cooling fin to a periphery of the clad tube, the apparatus comprising: a jig frame; a first skid set supporting the jig, supporting a bottom surface of at least one clad tube and having an accommodation groove having a shape corresponding to a bottom shape of the clad tube to prevent the steam condensing tube from being bent and twisted by thermal deformation under a high temperature inside the electric heating furnace after the plurality of clad tubes are accommodated in arrangement positions; heat fillers guiding blazing positions of a plurality of cooling fins each to face both lateral surfaces of the plurality of clad tubes accommodated in the first skid set, and interposed between respective cooling fins to prevent adjacent cooling fins from being contacted to each other; and a pressure unit mounted at both sides of the jig frame to apply a line-contact pressure from both sides on an outmost heat filler among heat fillers wrapping the clad tube inputted into the electric heat furnace and the cooling fin and to tightly contact the clad tube to the cooling fin.

No. of Pages : 27 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4649/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :29/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : INFORMATION PROCESSING APPARATUS, INFORMATION PROCESSING METHOD, AND COMPUTER PROGRAM

<p>(51) International classification :G06F (31) Priority Document No :P2011-000344 (32) Priority Date :05/01/2011 (33) Name of priority country :Japan (86) International Application No :NA Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : <b>1)SONY CORPORATION</b> Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO Japan (72)Name of Inventor : <b>1)YASUYUKI KOGA</b> <b>2)KAZUYUKI YAMAMOTO</b> <b>3)REIKO MIYAZAKI</b> <b>4)TOMOYA NARITA</b> <b>5)IKUO YAMANO</b> <b>6)YASUSHI OKUMURA</b></p>
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(57) Abstract :

Provided is an information processing apparatus including a display unit, provided on an apparatus front-surface side, for displaying information, a first detection unit, provided on an apparatus back-surface side, for detecting an operation input to a back surface, a second detection unit, provided on the apparatus front-surface side, for detecting an operation input to the display unit, and an operation input information determination unit for causing a function corresponding to the operation inputs to be executed, based on detection results of the first detection unit and the second detection unit. When the operation input is detected by the first detection unit and the operation input for operating an object displayed on the display unit is detected by the second detection unit, the operation input information determination unit executes the function corresponding to the operation inputs detected by the first detection unit and the second detection unit.

No. of Pages : 66 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4476/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A METHOD OF DYNAMICALLY GENERATING KPI VIEWS FOR MONITORING AND CONTROLLING PROCESSES AND SYSTEM THEREFOR•

(51) International classification	:G05B	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)YOKOGAWA ELECTRIC CORPORATION</b>
(32) Priority Date	:NA	Address of Applicant :9-32 2-chome Nakacho Musashino-
(33) Nam of priority count y	:NA	shi Tokyo 180-8750 Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)Adi Dev Katiyar</b>
(87) International Publication No	: NA	<b>2)Sanjeev Neelappa</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure describes method and a system to provide effective plant supervision monitoring and control of processes. In one embodiment the present disclosure provides a processed real time view with related KPIs and Graphs of processes for an experienced plant engineer to drill down predict and ensure smooth silent and efficient plant operations. The disclosure also provides for stability of one or more processes based on associated KPIs.

No. of Pages : 26 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4478/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : CONSUMABLE SUPPLY ITEM&NBSP; FLUID RESERVOIR AND RECIRCULATION SYSTEM FOR MICRO-FLUID APPLICATIONS

(51) International classification	:B41J	(71)Name of Applicant :
(31) Priority Document No	:12/980,556	<b>1)Lexmark International Inc.</b>
(32) Priority Date	:29/12/2010	Address of Applicant :740 West New Circle Road
(33) Name of priority country	:U.S.A.	Lexington KY 40550 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)Trevor D. Gray</b>
(87) International Publication No	: NA	<b>2)Charles S. Aldrich</b>
(61) Patent of Addition to Application Number	:NA	<b>3)Jason T. Vanderpool</b>
Filing Date	:NA	<b>4)Robert H. Muyskens</b>
(62) Divisional to Application Number	:NA	<b>5)Gregory T. Webb</b>
Filing Date	:NA	<b>6)David A. Ward</b>

(57) Abstract :

A consumable supply item for an imaging device holds an initial or refillable volume of ink. An interior retains the ink while exit and return ports define openings through a housing to fluidly communicate the interior to the imaging device. The opening of the return port is larger than the opening of the exit port. The design slows the return of fluid to the housing which minimizes air bubbles or frothiness in the fluid. During use, ink depletes toward a bottom surface of the interior beneath which the ink is prevented from occupying. A housing section below the interior retains a portion of the exit port so that a bottom of the opening of the exit port is substantially horizontally aligned with the bottom surface. It prevents stranding ink beneath the exit port. Further embodiments include port configuration, construction, and modular components, to name a few.

No. of Pages : 25 No. of Claims : 20



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4479/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A PROTECTION SWITCHING METHOD&NBSP; SYSTEM AND A NODE IN AN LTE NETWORK

(51) International classification	:H04W	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)Tejas Networks Limited</b>
(32) Priority Date	:NA	Address of Applicant :2nd floor GNR Tech Park 46/4
(33) Name of priority country	:NA	Garbebhavi Palya Kudlu Gate Hosur main road Bangalore 560
(86) International Application No	:NA	068 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)VINOD KUMAR MADAIHA</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a protection switching method, system and a node in an LTE network. In one embodiment this is accomplished by a plurality of base transceiver station (BTS) linked by the network over which the base transceiver stations communicate, wherein the network includes at least one primary BTS with at least two bidirectional antennas and at least two secondary BTS with at least one bidirectional antennas, provisioning traffic to at least one secondary BTS as work BTS for backhauling the traffic in the first communication area, wherein the traffic includes user data traffic, control and signaling data traffic from the primary BTS, checking periodically for control signal by all the BTS, wherein the control signals are periodically transmitted and received by all the BTS directly or indirectly via another secondary BTS to check the status of wireless link, transparently and steering, upon failure of the work wireless X2 link between the primary BTS and the secondary BTS, the beam of the primary BTS appropriately to the next available BTS as protect BTS in the second communication area, wherein the steering is based on the computed pre-coder vector value at the primary BTS.

No. of Pages : 31 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.448/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :07/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : ROTOR UNIT, WIND POWER GENERATION SYSTEM, ROTARY ELECTRIC MACHINE, POWER GENERATOR, AND ASSEMBLY METHOD FOR ROTARY ELECTRIC MACHINE

(51) International classification	:H02K	(71)Name of Applicant :
(31) Priority Document No	:2011-042660	<b>1)KABUSHIKI KAISHA YASKAWA DENKI</b>
(32) Priority Date	:28/02/2011	Address of Applicant :2-1, KUROSAKI-SHIROISHI,
(33) Name of priority country	:Japan	YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA 806-
(86) International Application No	:NA	0004 Japan
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)HIROSHI TSUMAGARI</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

To provide a rotor unit that includes a rotor capable of fixing a rotation shaft portion in a cantilevered manner and that suppresses complication of an assembly process performed when fixing the rotation shaft portion to the rotor. This rotor unit includes a rotor 31 including a rotation-shaft support portion 33 that can fix a rotor core 32 to a rotation shaft portion 2a in a cantilevered manner, and a covering jig 41 that fixes the rotor 31 in a state in which the rotation-shaft support portion 33 is not fixed to the rotation shaft portion 2a, that serves as a cover covering the rotor core 32 in a case in which the rotation-shaft support portion 33 is fixed to the rotation shaft portion 2a, and that has a first through-hole 41a for guiding the rotor 31 into a stator 21 when fixing the rotation-shaft support portion 33 to the rotation shaft portion 2a.

No. of Pages : 50 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3982/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :21/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A VARIABLE RELUCTANCE SENSOR USING A PAIR OF MAGNETS

(51) International classification	:H01F 7/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)ROBERT BOSCH ENGINEERING AND BUSINESS SOLUTIONS LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(33) Name of priority country	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	<b>2)ROBERT BOSCH GMBH</b>
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	<b>1)ROHIT CHAKRAVARTHY</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a variable reluctance sensor for increasing the sensitivity of the VR sensor by generating an extremely high output voltage. The VR sensor comprises of a first magnet 20, a second magnet 30 and a core 40. The first magnet 20 and the second magnet 30 are permanent magnets. An electrical coil 50 is wound on the core 40. The core 40 is made of a ferromagnetic material. The two magnets 20 and 30 are of ceramic (also called ferrite) type. The first magnet 20 is attached to one end of the core and the second magnet 30 is attached to another end of the core 40 such that the opposite pole of the first magnet 20 and second magnet 30 face each other. The output voltage is dependent upon magnitude of rate of change of magnetic flux and the size of the air gap.

No. of Pages : 9 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3985/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :21/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN IMPROVED REVERSE OSMOSIS WATER PURIFIER

(51) International classification :B01D 61/00

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :NA

Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number :1353/CHE/2010

Filed on :13/05/2010

(62) Divisional to Application Number :NA

Filing Date :NA

(71)**Name of Applicant :**

**1)Mr.K.Rajendran**

Address of Applicant :Marathalli Mineral Waters 10/5 M  
Gandi Nagar Road Munnekolallu Marathalli Post Bangalore  
560037 India

(72)**Name of Inventor :**

**1)Mr.K.Rajendran**

(57) Abstract :

The present invention provides an improved reverse osmosis water purifier comprises of sediment filter for removing the particles; active carbon filter for removing dissolved gases; reverse osmosis filter for removing microbiological micro particles and salts to obtain purified water; and pressurized container for essential mineral concentrated liquid; wherein said purified water obtained from reverse osmosis is blended with said mineral concentrated liquid at a constant flow discharge to obtain purified water having vital minerals. Further a cartridge container is provided in between reverse osmosis filter and ultraviolet filter to enhance the pH level of purifier water and to provide vital minerals.

No. of Pages : 15 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3986/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :21/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : ELECTROMAGNETICALLY PRESSURIZED HEAVY WEIGHT HYDRAULIC LIFTER

(51) International classification	:F01L 9/00	(71) <b>Name of Applicant :</b> <b>1)KESHAVA N</b>
(31) Priority Document No	:NA	Address of Applicant :#3 2nd FLOOR 4th MAIN
(32) Priority Date	:NA	SRIKANTESHWAR NAGAR MAHALAKSHMI LAYOUT
(33) Name of priority country	:NA	BANGALORE-96 Karnataka India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)KESHAVA N</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a electromagnetically pressurized heavy weight hydraulic lifter. In one embodiment, this can be accomplished by a fixed portion, an input shaft for acting directly in an axial direction with respect to the fixed portion, an output shaft extending coaxially with the input shaft to slide with respect to the fixed portion and the input shaft, a direct-connecting mechanism for directly connecting the output shaft and the input shaft and for causing the input shaft to directly act with respect to the fixed portion to thereby rapidly carry the output shaft with respect to the fixed portion and a fluid pressure mechanism via a pair of electromagnets for connecting the input shaft and the output shaft in a fluid manner and for causing the input shaft to directly act with respect to the output shaft to thereby increase biasing of the input shaft by Pascal's law and transmit the biasing to the output shaft.

No. of Pages : 18 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3987/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :21/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A MACHINE TO MACHINE COMMUNICATION ENABLED AIR CONDITIONER CONTROL UNIT

(51) International classification

:F24F  
11/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)LOGICA PRIVATE LIMITED**

Address of Applicant :Divyasree Technopolis 124-125

Yemlur Main Road Yemlur P.O. Off Airport Road Bangalore

560037 Maharashtra India

(72)Name of Inventor :

**1)PADMALAYAM NARAYANA KURUP Ajith Kumar**

(57) Abstract :

The present invention provides a machine to machine communication enabled air conditioner support unit for use in rooms or in the cabin of motor vehicles. The air conditioning support unit includes suitable temperature sensors for monitoring outside and inside temperature. The air conditioning support unit communicates with air vents operating system to open and close the air vents in order to maintain inside temperature at an optimum level based on the information regarding the outside and inside temperatures provided by the sensors. This in turn minimizes unwanted use of power by the air conditioning system and thereby reducing power consumption.

No. of Pages : 19 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4461/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AUTOMOTIVE ROTARY ELECTRIC MACHINE

(51) International classification	:B60N	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-031067	<b>1)MITSUBISHI ELECTRIC CORPORATION</b>
(32) Priority Date	:16/02/2011	Address of Applicant :7-3, MARUNOUCHI 2-CHOME,
(33) Name of priority country	:Japan	CHIYODA-KU, TOKYO 100-8310 Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)TANAKA, KAZUNORI</b>
(87) International Publication No	: NA	<b>2)HIGASHINO, KYOKO</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A voltage regulator negative electrode terminal is mounted to an axially outer end surface of a rear bracket so as to be in a state of electrical connection with the rear bracket by fastening a flange portion to a mounting pedestal of the rear bracket using a voltage regulator fixing second screw. A screw loosening restricting lug is disposed so as to project from a floor portion of a protective cover so as to face the voltage regulator fixing second screw so as to have a predetermined clearance in an axial direction.

No. of Pages : 32 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4462/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : MEDIA PRESENTER

(51) International classification	:G11B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:12/977,201	<b>1)NCR CORPORATION</b>
(32) Priority Date	:23/12/2010	Address of Applicant :3097 SATELLITE BLVD.,
(33) Name of priority country	:U.S.A.	DULUTH, GEORGIA 30096 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SCOTT DEAS</b>
(87) International Publication No	: NA	<b>2)GORDON BURKE</b>
(61) Patent of Addition to Application Number	:NA	<b>3)WILLIAM G POTTS</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A media presenter configurable for use in either a front access or a rear access dispenser is described. The media presenter comprises a chassis including a central track defining a central handle end and a central pick end. A nose is coupled to the chassis at the central pick end, and includes (i) a presenting end distal from the chassis and (ii) a nose track arranged to couple to the central track. A removable track is coupled to the chassis and extends from a handle end of the chassis to the central handle end. The nose track, the central track, and the removable track combine to provide a presenting track extending from the handle end to the presenting end. The presenter can present media items to a customer in a rear access dispenser, or can be reconfigured by exchanging the positions of the nose and removable track to present media items in a front access dispenser.

No. of Pages : 44 No. of Claims : 10



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4463/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF BENDAMUSTNE ALKYL ESTER, BENDAMUSTINE, AND DERIVATIVES THEREOF

(51) International classification	:C07D
(31) Priority Document No	:102010055499.5
(32) Priority Date	:22/12/2010
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)HERAEUS PRECIOUS METALS GMBH & CO.KG**  
Address of Applicant :HERAEUSSTRASSE 12-14, 63450,  
HANAU Germany  
(72)**Name of Inventor :**  
**1)GROH, KAI**  
**2)RAUTER, HOLGER**  
**3)BORN, DIRK**

(57) Abstract :

The invention relates to a method for the production of bendamustine alkyl ester, bendamustine, as well as derivatives thereof. With the method according to the invention, the production of these compounds is possible in reproducibly high yields. To this end, hydroxyl-group-containing esters are used as the starting material whose hydroxyl groups are substituted in a simple way by halogen groups. This substitution is possible in the presence of (i) oxalyl chloride and (ii) dialkylformamide, dialkyl acetamide or dimethyl sulfoxide. In a subsequent reaction, the resulting esters can be hydrolyzed to form acid.

No. of Pages : 26 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4465/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : ASSEMBLY OF A PART THAT HAS NO PLASTIC DOMAIN

(51) International classification	:F16L	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:10196585.3	<b>1)NIVAROX-FAR S.A.</b>
(32) Priority Date	:22/12/2010	Address of Applicant :AVENUE DU COLLEGE 10, 2400
(33) Name of priority country	:EPO	LE LOCLE Switzerland
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)VERARDO, MARCO</b>
(87) International Publication No	: NA	<b>2)CUSIN, PIERRE</b>
(61) Patent of Addition to Application Number	:NA	<b>3)QUEVAL, ARTHUR</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method of assembling a member (5, 15) made of a first material in a part (3) made of a second material having no plastic domain, said method including the following steps: a) forming the part (3) with an aperture (4); b) inserting a radially flared portion (7, 27, 27', 27, 27') of the member (5, 15) into the aperture (4), without any stress; c) elastically and plastically deforming the flared portion (7, 27, 27', 27, 27') of said member in the aperture (4) by moving two tools (11, 13, 21) towards each other axially, respectively on the top and bottom parts of said flared portion, so as to exert a radial stress (B) against the wall of the part (3) surrounding the aperture (4), causing the elastic deformation of the part (3), to secure the assembly in a manner that is not destructive for said part. The invention particularly concerns the field of timepieces.

No. of Pages : 20 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4466/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : MEDIA PRESENTER

(51) International classification	:B41J	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:12/976,276	<b>1)NCR CORPORATION</b>
(32) Priority Date	:22/12/2010	Address of Applicant :3097 SATELLITE BLVD.,
(33) Name of priority country	:U.S.A.	DULUTH, GEORGIA 30096 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)DOUGLAS L MILNE</b>
(87) International Publication No	: NA	<b>2)NIAL L LEONARD</b>
(61) Patent of Addition to Application Number	:NA	<b>3)CHRISTOPHER WYLIE</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A media presenter is described that includes a carriage moveable forwards and backwards along a linear presenter track between a first purge position, a stacking position, and a present position. The media presenter includes a sensing system that comprises: an inductive sensor; a resonant target mounted on the moveable carriage for co-operating with the inductive sensor to provide positioning information about the target relative to the inductive sensor; and an optical sensor mounted on the moveable carriage in the vicinity of the presenter track. The sensing system further comprises: a first purge target having a first optical property and mounted on the presenter track in the vicinity of the first purge position; and a present target having a second optical property and mounted on the presenter track in the vicinity of the present position.

No. of Pages : 38 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4512/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :22/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : DEVELOPING DEVICE

(51) International classification	:G03G
(31) Priority Document No	:2010-288430
(32) Priority Date	:24/12/2010
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

**1)CANON KABUSHIKI KAISHA**

Address of Applicant :30-2, SHIMOMARUKO 3-CHOME,  
OHTA-KU, TOKYO Japan

(72)**Name of Inventor :**

**1)NOGUCHI, AKIHIRO**

**2)YAMAUCHI, SATORU**

(57) Abstract :

A developing device includes a developing sleeve for carrying a developer containing a magnetic carrier and a non-magnetic toner and for developing an electrostatic latent image formed on an image bearing member; a magnet, provided in the sleeve and including a plurality of magnetic poles disposed along a circumferential direction of the sleeve, for carrying the developer on the sleeve; and a regulating member, provided opposed to the sleeve with a predetermined spacing in a region in which the magnetic poles different in polarity are adjacent to each other, for regulating an amount of the developer carried on the sleeve. The magnetic poles are disposed so that a circumferential direction component of a magnetic force acting on the magnetic carrier contacting at least a part of an upstream regulating surface of the regulating member with respect to the circumferential direction of rotation of the sleeve is opposite from the circumferential direction of the rotation.

No. of Pages : 50 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4515/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :22/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : MEMORY TAG ISSUE TERMINAL, MEMORY TAG ISSUE SERVER, ADVERTISEMENT SERVER, VENDOR IDENTIFICATION SERVER, MEMORY TAG, MEMORY TAG ISSUING METHOD, AND ADVERTISING METHOD

(51) International classification	:G06Q
(31) Priority Document No	:2011029729
(32) Priority Date	:15/02/2011
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)SONY CORPORATION**  
Address of Applicant :1-7-1 KONAN, MINATO-KU,  
TOKYO Japan  
(72)**Name of Inventor :**  
**1)TAKAHIRO TOYODA**  
**2)HIDEO NAGASAKA**

(57) Abstract :

A memory tag issue terminal including: a first reading section reading commercial product information from an identification code printed on a commercial product or reading advertisement information from an identification code printed on an advertisement medium, the commercial product information being concerned with the commercial product, and the advertisement information being concerned with an advertisement object advertised through the advertisement medium; a writing section writing tag information into a memory tag attached or to be attached on the commercial product or the advertisement medium, the tag information including the commercial product information or the advertisement information; and an acquisition section acquiring vendor identification information which allows identification of a vendor who handles the commercial product or the advertisement medium.

No. of Pages : 85 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4516/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :22/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : TRANSMITTING APPARATUS, TRANSMITTING METHOD, AND PROGRAM

(51) International classification	:B65B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:P2010-292618	<b>1)SONY CORPORATION</b>
(32) Priority Date	:28/12/2010	Address of Applicant :1-7-1 KONAN, MINATO-KU,
(33) Name of priority country	:Japan	TOKYO Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)YOSHINOBU KURE</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A transmitting apparatus includes a rate adjusting unit, a changing unit, a buffer control unit, and a transmitting unit. The rate adjusting unit adjusts a transmission rate of transmitting data. The changing unit changes a size of a buffer for temporarily storing the data, on the basis of the transmission rate. The buffer control unit configured to cause the buffer to temporarily store the data, which is smaller than or equal to an addable size that is smaller than the size of the buffer, and to output the data to the transmitting unit. The transmitting unit transmits the data output from the buffer.

No. of Pages : 88 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.491/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :09/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : ANTENNA OR SENSING ELECTRIC AND MAGNETIC FIELDS•

(51) International classification	:G01B	(71)Name of Applicant :
(31) Priority Document No	:212932	1)ELTA SYSTEMS LTD.
(32) Priority Date	:17/05/2011	Address of Applicant :100 Yitzchak Hanassi Blvd. P.O.B.
(33) Name of priority country	:Israel	330 77102 Ashdod Israel
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Benyamin ALMOG
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus comprising: at least two non-coinciding arrangements disposed in an at least two axes Cartesian coordinate system such that each arrangement having a non-zero projection on a respective axis from among said at least two axes; each one of said arrangements includes at least one pair of oppositely directed spaced apart co-axial radiating-capable elements each of said elements being hollow with internal space and being slotted throughout its entire extent; a first circuitry coupled to said arrangement and being configured to sense an electrical field projection along said axis and to convey it to a first feeding terminal; a second circuitry coupled to at least one slot of said arrangement configured to sense a magnetic fields projection along said axis and to convey it to a first feeding terminal

No. of Pages : 34 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4480/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A HANDHELD DEVICE FOR FETAL HEALTH MONITORING AND METHOD THEREOF

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:NA	Address of Applicant :1 River Road Schenectady New
(33) Name of priority country	:NA	York 12345 USA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KIRAN KUMAR BOGINENI
(87) International Publication No	: NA	2)FATMA NAZAN DEMIRBILEK
(61) Patent of Addition to Application Number	:NA	3)NASIR AHMED DESAI
Filing Date	:NA	4)ANTONY KALUGUMALAI NEETHIMANICKAM
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure provides a handheld device for fetal health monitoring. The device comprises at least one sensor for detecting the fetal movement an ultrasound transducer unit to record heartbeat sound of the fetal. The device further comprises a storage unit connectable to each sensor and the ultrasound transducer unit for storing the detected fetal movement along with timestamp and the heartbeat sound in the form of digital information.

No. of Pages : 25 No. of Claims : 15



(12) PATENT APPLICATION PUBLICATION

(21) Application No.468/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :08/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : FUEL INJECTION DEVICE

(51) International classification	:F02M	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-27176	<b>1)DENSO CORPORATION</b>
(32) Priority Date	:10/02/2011	Address of Applicant :1-1 Showa-cho Kariya-city Aichi-
(33) Name of priority country	:Japan	pref. 448-8661 Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)YONEMOTO Toshiyuki</b>
(87) International Publication No	: NA	<b>2)MORI Katsumi</b>
(61) Patent of Addition to Application Number	:NA	<b>3)NARISAKO Hideki</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A fuel injection device includes a fuel supply pump (3) an injector (5) a filter (6) a circulation flow passage (20) an introduction valve (13) a circulation flow valve (26) and a check valve (25). The injector(5) supplies fuel discharged from the fuel supply pump (3) to an engine and the filter (6) is arranged upstream of the fuel supply pump (3). The circulation flow passage (20) introduces high-pressure fuel into the filter (6) from a high-pressure flow passage provided between the fuel supply pump (3) and the injector (5) by opening of the introduction valve (13). The circulation flow valve (26) is provided in the circulation flow passage (20) and allows or interrupts inflow of fuel from the circulation flow passage (20) into the filter (6) depending on a temperature of fuel. The check valve (25) is provided upstream of the circulation flow valve (26).

No. of Pages : 16 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.474/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :08/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : CONTINUOUS EMULSIFICATION-AGGREGATION PROCESS FOR THE PRODUCTION OF PARTICLES

(51) International classification	:B01J	(71)Name of Applicant :
(31) Priority Document No	:13/025,664	<b>1)XEROX CORPORATION</b>
(32) Priority Date	:11/02/2011	Address of Applicant :45 GLOVER AVENUE, P.O. BOX
(33) Name of priority country	:U.S.A.	4505, NORWALK CONNECTICUT 06856-4505 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)FAUCHER, SANTIAGO</b>
(87) International Publication No	: NA	<b>2)NOSELLA, KIMBERLY, D.</b>
(61) Patent of Addition to Application Number	:NA	<b>3)BORBELY, DAVID</b>
Filing Date	:NA	<b>4)LAVIGNE, GAETANO J.</b>
(62) Divisional to Application Number	:NA	<b>5)BURKE, SIMON</b>
Filing Date	:NA	

(57) Abstract :

A continuous emulsion aggregation process for the production of particles is presented including a plurality of continuous stirred-tank reactors (CSTR). The plurality of continuous stirred-tank reactors includes at least one feed tank of raw materials, at least one reactor for facilitating cold addition, at least two reactors for facilitating an aggregation process, at least one reactor for facilitating a shell addition process; at least one reactor for facilitating a freeze process, at least one reactor for facilitating a chelating process, at least one reactor for facilitating a ramp-up process and at least one reactor for facilitating a coalescence process, wherein the reactors are sequentially assembled in a series configuration and separated by short conduits to produce toner particles that are narrowly distributed.

No. of Pages : 44 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.495/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :09/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : MAGNETIC DISCHARGE OUT OF BOTTLE CLEANING MACHINES

(51) International classification	:B01D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:10 2011	<b>1)KRONES AG</b>
(32) Priority Date	004 321.7	Address of Applicant :BÄhmerwaldstrasse 5 93073
(33) Name of priority country	:17/02/2011	Neutraubling Germany
(86) International Application No	:Germany	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)HOLGER JOOST</b>
(87) International Publication No	:NA	<b>2)HELMUT BROWATZKI</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Device for separating ferritic impurities such as crown caps out of bottle cleaning machines comprising a circulating band screen for the filtration of rinsing water wherein the band screen is provided with one or more magnetic units.

No. of Pages : 16 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4972/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :12/07/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PHASIC RESPIRATORY THERAPY

(51) International classification	:A61M 16/04
(31) Priority Document No	:61/122,905
(32) Priority Date	:16/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2009/055251
Filing Date	:21/11/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)BLISS Peter**

(57) Abstract :

A respiratory therapy system that includes a gas delivery device enabled to deliver a quantity of oxygen-enriched gas and a quantity of insufflation gas is disclosed. The respiratory therapy system further provides a transtracheal catheter coupled to the gas delivery device. Additionally, the gas delivery device is enabled to deliver the quantity of insufflation gas during a first portion of a breathing cycle of a patient and to deliver the quantity of oxygen-enriched gas during a second portion of the breathing cycle.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4438/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : CENTER MECHANISM OF TIRE VULCANIZER

(51) International classification	:B29D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-284822	<b>1)KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.)</b>
(32) Priority Date	:21/12/2010	Address of Applicant :10-26, WAKINOHAMA-CHO 2-CHOME, CHUO-KU, KOBE-SHI, HYOGO 651-8585 Japan
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)OHCHI, RYOTA</b>
Filing Date	:NA	<b>2)FUJIEDA, YASUHIKO</b>
(87) International Publication No	: NA	<b>3)MIZUTA, YUICHIRO</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In a center mechanism of a tire vulcanizer of the present invention, in order to improve working efficiency and lower total height, after a green tire is vulcanized and patterned and becomes a vulcanized tire, a bladder well is lifted from a bottom position where a lower bead ring is positioned on a lower mold and a bladder is installed in the green tire to a top position where the lower bead ring is positioned above the lower mold and an upper clamp, and the upper clamp, a lower clamp, and the bladder are placed in the bladder well, while heights of the upper clamp and the lower clamp are fixed.

No. of Pages : 26 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4439/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : DRAFT DEVICE OF SPINNING MACHINE

(51) International classification	:D01H	(71)Name of Applicant :
(31) Priority Document No	:2010-282699	1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
(32) Priority Date	:20/12/2010	Address of Applicant :2-1, TOYODA-CHO, KARIYA-SHI,
(33) Name of priority country	:Japan	AICHI-KEN Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)HAYASHI, HISAAKI
(87) International Publication No	: NA	2)KASAHARA, DAIZI
(61) Patent of Addition to Application Number	:NA	3)UTO, YASUHIRO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A draft device of a spinning machine includes at least two pairs of draft rollers, wherein each pair has a bottom roller and a top roller, wherein the pairs of draft rollers are disposed adjacently each other on upstream side and downstream side with respect to a traveling direction of a fiber bundle, respectively, and a guide device disposed between the two pairs of draft rollers so as to change the traveling direction of the fiber bundle. The guide device includes an apron guide member disposed in facing relation to the pair of draft rollers on downstream side and an apron that is in contact with the fiber bundle and wound around the apron guide member and at least either the bottom roller or the top roller of the pair of draft rollers on downstream side, wherein the apron is in contact with the fiber bundle between a contact starting position and a nip position and forms a part of the traveling path, wherein the contact starting position is a position at which the apron starts to be in contact with the fiber bundle and the nip position is a position at which the fiber bundle is held between the pair of draft rollers arranged to be pressed against each other.

No. of Pages : 33 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.501/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : STARTING MECHANISM FOR ENGINE FLAMEOUT

(51) International classification	:B25B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:100107340	<b>1)SANYANG INDUSTRY CO. LTD.</b>
(32) Priority Date	:04/03/2011	Address of Applicant :184 KENG TZU KOU, SHANG
(33) Name of priority country	:Taiwan	KENG VILLAGE, HSIN FONG SHIANG, HSINCHU Taiwan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)HUANG, JUNG-CHI</b>
(87) International Publication No	: NA	<b>2)WANG, WAI I.</b>
(61) Patent of Addition to Application Number	:NA	<b>3)WU, HSIN CHUNG</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A starting mechanism for engine flameout includes an outer tube, an inner tube, a housing, a throttle wire, and a starting wire. The outer tube is provided fixedly with an actuation portion and a reverse ratchet; and the inner tube is sleeved inside the outer tube and is fixed with a forward ratchet corresponding to the reverse ratchet of the outer tube and having at least one engaging portion. The housing envelops the reverse ratchet and the forward ratchet. The throttle wire has one end engaged with the at least one engaging portion, and that the starting wire has one end fixed in the housing. When the outer tube turns upward for a predetermined angle, the actuation portion of the outer tube will push against an end of the starting wire. On the other hand, when the outer tube turns downward, the inner tube will be driven to turn downward together so as to move the throttle wire for a distance. Thereby, the problem of occurring easily a sudden unintended acceleration, when restarting a motorcycle engine after a flameout, can be solved.

No. of Pages : 20 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.502/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : PUMP AND USE THEREOF

(51) International classification	:H01L	(71)Name of Applicant :
(31) Priority Document No	:10	1)WEBER-HYDRAULIK GMBH
(32) Priority Date	2011013108.6	Address of Applicant :HEILBRONNERSTRASSE, D-
(33) Name of priority country	:04/03/2011	74363 GUGLINGEN Germany
(86) International Application No	:Germany	(72)Name of Inventor :
Filing Date	:NA	1)MULLER, BENEDIKT
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A hydraulic pump (42) comprising first and second connections (43 and 44, respectively), wherein in one direction of rotation the first one serves as a pressure connection and the second as a suction connection and -in the opposite direction of rotation- the first one serves as a suction connection and the second as a pressure connection, and comprising an actuator (50a, 50b) for changing the volume flow through the suction and pressure connections, characterized in that the first connection (43) is connected to the first control port (504) of the first actuator (50a) and the second connection (44) is connected to the second control port (503) of the second actuator (50b), in that in one direction of rotation the first actuator (50a) connected to the pressure connection is shifted from its predetermined first position to a predetermined second position and the second actuator (50b) connected to the suction connection is shifted from its predetermined second position to a predetermined first position and, when the direction of rotation is reversed, the first actuator (50a) which is then connected to the suction connection is shifted from its second position to the first position and the second actuator (50b) connected to the pressure connection is shifted from its first position to the second position while simultaneously adjusting the actuator (50a, 50b) and modifying the volume flow.

No. of Pages : 16 No. of Claims : 9



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4396/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : ADHESIVE COMPOSITION COMPRISING NANOSILICA PARTICLES

(51) International classification	:C08F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)3M INNOVATIVE PROPERTIES COMPANY</b>
(32) Priority Date	:NA	Address of Applicant :3M CENTER, POST OFFICE BOX
(33) Name of priority country	:NA	33427, SAINT PAUL, MINNESOTA 55133-3427 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)AWASTI, ARUN KUMAR</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an adhesive composition based on polymers or copolymers of vinyl acetate characterized in that the adhesive composition comprises nano colloidal silica particles, said composition affords improved bond strength, water resistance and durability when applied to suitable substrates. Another aspect of the present invention relates to process of preparation of the adhesive composition.

No. of Pages : 21 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4399/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A FAST VERTICAL TRAJECTORY PREDICTION METHOD FOR AIR TRAFFIC MANAGEMENT, AND RELEVANT ATM SYSTEM

(51) International classification :G05D  
(31) Priority Document No :RM2010A000672  
(32) Priority Date :20/12/2010  
(33) Name of priority country :Italy  
(86) International Application No :NA  
Filing Date :NA  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :  
**1)SELEX SISTEMI INTEGRATI S.P.A**  
Address of Applicant :VIA TIBURTIN, 1231-00131 ROME  
Italy  
(72)Name of Inventor :  
**1)DOMENICO ACCARDO**  
**2)ANTONIO MOCCIA**  
**3)MICHELE GRASSI**  
**4)URBANO TANCREDI**  
**5)LUCIO CAMINITI**  
**6)LUIGI FIORILLO**  
**7)ALBERTO LEARDI**  
**8)GIUSEPPE MARESCA**

(57) Abstract :

The invention concerns a method for the prediction of aircrafts vertical trajectory, in particular for Air Traffic Management, comprising the following flight calculation modules: Take-off; Climb; Cruise; Descent; and Landing, corresponding to the relevant flight phases, characterised in that: - the calculation of the predicted aircraft trajectory is effected by using the following TEM equations: Solved for VRCD, TAS, m; VRCD is the vertical rate of climb or descent; TAS is the true air speed, ESF is the energy share factor, T is the thrust and D the drag, m the mass of the aircraft modeled as point-mass, {M} is the Mach number depending on TAS and temperature and altitude, g is the gravity acceleration, and/is the fuel flow, and y is the flight path angle; - the calculation of the predicted aircraft trajectory for Cruise phase, wherein only the mass is varying, is performed by using the following analytical solution to said TEM equations: Solved for the mass mfin at the end of the cruise phase as a function of the initial mass min, and wherein t is the elapsed flight time, k9 and k10 are constant terms pre-defined according to the individual aircraft. The invention further concerns a system System for Air Traffic Management, which uses the method according to the invention.

No. of Pages : 87 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.504/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : ROBOT SYSTEM

(51) International classification	:B25J	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-086135	<b>1)KABUSHIKI KAISHA YASKAWA DENKI</b>
(32) Priority Date	:08/04/2011	Address of Applicant :2-1, KUROSAKI-SHIROISHI,
(33) Name of priority country	:Japan	YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA 806-
(86) International Application No	:NA	0004 Japan
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)YUKI OE</b>
(61) Patent of Addition to Application Number	:NA	<b>2)KEIJI MAKINO</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This robot system includes a robot, a laser emitting portion moved by the robot, emitting a laser beam to a target workpiece, and a control portion controlling the laser emitting portion to emit the laser beam on the basis of information regarding an arbitrarily-shaped work locus and movement information of the laser emitting portion.

No. of Pages : 62 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.506/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : PHOTOVOLTAIC DEVICE

(51) International classification	:H01L	(71)Name of Applicant :
(31) Priority Document No	:13/027,306	<b>1)XEROX CORPORATION</b>
(32) Priority Date	:15/02/2011	Address of Applicant :45 Glover Avenue P.O. Box 4505
(33) Name of priority country	:U.S.A.	Norwalk Connecticut 06856-4505 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)LIN Liang-Bih</b>
(87) International Publication No	: NA	<b>2)CARDOSO George C</b>
(61) Patent of Addition to Application Number	:NA	<b>3)PRESKE Amanda</b>
Filing Date	:NA	<b>4)BALANTRAPU Krishna</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A photovoltaic device includes a substrate a first electrode a second electrode and an active layer between the first electrode and the second electrode. The active layer comprises a polyarylamine biscarbonate ester of Formula (I): Formula (I) wherein Ar1 Ar2 Ar3 Ar4 R m y and n are as described herein. The photovoltaic device can be fabricated in an ambient environment and does not need significant processing.

No. of Pages : 24 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.506/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : SELECTING GGSN IN SHARED MOBILE NETWORK

(51) International classification	:H04Q7/38
(31) Priority Document No	:20020026
(32) Priority Date	:08/01/2002
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI2003/00007
Filing Date	:07/01/2003
(87) International Publication No	:WO 2003/058996
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:1504/CHENP/2004
Filed on	:07/01/2003

(71)**Name of Applicant :**  
**1)NOKIA CORPORATION**  
Address of Applicant :KEILALAHDENTIE 4, FIN-02150  
ESPOO Finland  
(72)**Name of Inventor :**  
**1)HAUMONT SERGE**

(57) Abstract :

The invention relates to the packet switched portion of a mobile communications system in which two or more network operators share the same network. To allow the operators to compete with each other, they usually have a gateway node (GGSN1, GGSN2) of their own, although they share the serving node (SGSN1). In order to enable the selection of the gateway node (GGSN1, GGSN2), the invention involves maintaining information about predefined partner networks, i.e. shared networks an operator has in addition to its own networks. On the basis of the information a mobile station (MS2) can be connected to a gateway node (GGSN2) of its home network (PLMN2), provided that the visited network (PLMN1) is a partner network of the home network (PLMN2). A visiting mobile station from outside the partner networks, however, can be connected to the visited gateway node (GGSN1).

No. of Pages : 19 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3764/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :03/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : APPARATUS AND METHOD FOR PRODUCING AND REGULATING COLLIMATED RADIANT ENERGY CARRYING AN ENCODED MESSAGE

(51) International classification	:G02B	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)Zen Technologies Limited</b>
(32) Priority Date	:NA	Address of Applicant :B-42 Industrial Estate Sanathnagar
(33) Name of priority country	:NA	Hyderabad-500018 Andhra Pradesh India Himachal Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)Kishore Dutt Atluri</b>
(61) Patent of Addition to Application Number	:NA	<b>2)M Ravi Kumar</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An optical assembly and method for outputting a collimated radiant energy carrying multiple message data packets along an optical axis at a desired apparent distance are disclosed. The system includes a tubular mechanical construct with a first portion with multiple sleeves and a second portion of a predefined tubular shape and dimension a radiant energy source positioned and configured inside the second portion for emanating the collimated radiant energy along the optical axis a set of means coupling the radiant energy source to restrain the position and configuration thereof a holder means spatially disposed within the second portion for holding an optically aligned collimating element a first means and a second means coupling the holder means and the collimating element to restrain their position therein and an adjuster assembly providing the angular movement to the optical assembly relative to a sight axis.

No. of Pages : 21 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3766/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :03/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : ETHOD AND MAC INE OR FILLING CAPSULES OR SIMILAR WITH AT LEAST TWO PRODUCTS&NBSP; IN PARTICULAR PHARMACEUTIC L PRODUCTS IN GRANULES•

(51) International classification

:G01G

(31) Priority Document o

:BO2010A

0 0656

(32) Priority Date

:03/11/2010

(33) Name of priority country

:Italy

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)MG 2 - S.r.l.**

Address of Applicant :PIANORO (Italy) Localita Pian di  
Macina - Via del Savena 18 Italy

(72)Name of Inventor :

**1)Angelo ANSALONI**

**2)Ernesto GAMBERINI**

**3)Antonio TAGLIAVINI**

(57) Abstract :

The bottom shell (2) of a capsule is filled with at least two products contained in respective tanks (15 16) by means of a metering device (18) which has a metering chamber (19) for receiving a given quantity of product from each tank (15 16); and a transfer chamber (21) which receives and transfers the product from the metering chamber (19) to the bottom shell (2) and has a weighing device (25) for weighing the product inside the transfer chamber (21).

No. of Pages : 31 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.511/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD FOR MANUFACTURING HIGH-CONDUCTIVITY AND HIGH-STRENGTH CONTACT WIRE AND HIGH-CONDUCTIVITY AND HIGH-STRENGTH CONTACT WIRE

<p>(51) International classification :C22C (31) Priority Document No :2011-033345 (32) Priority Date :18/02/2011 (33) Name of priority country :Japan (86) International Application No :NA Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : <b>1)SUMITOMO ELECTRIC INDUSTRIES LTD.</b> Address of Applicant :5-33 Kitahama 4-chome Chuo-ku Osaka-shi Osaka 541-0041 Japan (72)Name of Inventor : <b>1)KUBO Noriaki</b> <b>2)NISHIKAWA Taichiro</b> <b>3)SANO Tadanori</b></p>
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(57) Abstract :

A method for manufacturing a contact wire includes the following steps: a continuous casting step of forming, by continuous casting, a cast material containing 0.4% by mass or more and 1.0% by mass or less of Ag, 0.01% by mass or more and 0.05% by mass or less of oxygen, and the balance composed of copper and unavoidable impurities; a hot working step of hot-working the cast material at a hot-working start temperature of 800°C or more and a hot-working finish temperature of 650°C or more with a reduction of hot working of 80% or more to form a wire having a diameter of 18 mm or more; and a cold working step of cold-working the wire at a temperature of 150°C or less with a reduction of cold working of 50% or more to form a contact wire (1) or (2) below. (1) When the nominal sectional area of the contact wire is 150 mm<sup>2</sup> or more and 170 mm<sup>2</sup> or less, tensile strength is 420 MPa or more, and conductivity is 87% IACS or more. (2)When the nominal sectional area of the contact wire is 80 mm<sup>2</sup> or more and 120 mm<sup>2</sup> or less, tensile strength is 440 MPa or more, and conductivity is 87% IACS or more.

No. of Pages : 16 No. of Claims : 7



(12) PATENT APPLICATION PUBLICATION

(21) Application No.513/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD FOR RECORDING IMAGE DATA&NBSP; SYSTEM FOR RECORDING IMAGE DATA&NBSP; CAMERA FOR RECORDING IMAGE DATE

(51) International classification	:H04N 13/00
(31) Priority Document No	:09163727.2
(32) Priority Date	:25/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/052801
Filing Date	:21/06/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)VLUTTERS Ruud**  
**2)DE BRUIJN Frederik Jan**  
**3)ZNAMENSKIY Dmitry Nikolaevich**

(57) Abstract :

A camera and camera system is provided with an optical device (8). The optical device creates simultaneously two or more images of object on a sensor (4) forming a compound image. The distance d between the constituting images of objects in the compound image is dependent on the distance Z to the camera. The compound image is analysed (9) e.g. deconvolved to determine the distances d between the double images. These distances are then converted into a depth map (10).

No. of Pages : 29 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4468/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : DISPLAY CONTROL DEVICE, METHOD AND COMPUTER PROGRAM PRODUCT

(51) International classification	:G01R	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:P2010-291081	<b>1)SONY CORPORATION</b>
(32) Priority Date	:27/12/2010	Address of Applicant :1-7-1 KONAN, MINATO-KU,
(33) Name of priority country	:Japan	TOKYO Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)RYOKO AMANO</b>
(87) International Publication No	: NA	<b>2)TAKASHI NUNOMAKI</b>
(61) Patent of Addition to Application Number	:NA	<b>3)KENZO NISHIKAWA</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A graphical user interface apparatus, method and computer program product cooperate to control a display. An item is displayed at a periphery of a display and a detector detects when an object is proximate to the item. When detected the display displays a relation item. Then, when the object is detected as moving to be proximate to the relation item, a controller changes a displayed form of the relation item in response to detecting when the object is moved.

No. of Pages : 63 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4469/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : DATA STORAGE APPARATUS, INFORMATION PROCESSING APPARATUS, INFORMATION PROCESSING METHOD, AND PROGRAM

(51) International classification

:G06F

(31) Priority Document No

:P2010-  
294477

(32) Priority Date

:29/12/2010

(33) Name of priority country

:Japan

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)SONY CORPORATION**

Address of Applicant :1-7-1 KONAN, MINATO-KU,  
TOKYO Japan

(72)Name of Inventor :

**1)HIROSHI KUNO**

**2)TAKAMICHI HAYASHI**

**3)MUNETAKE EBIHARA**

**4)KENJIRO UEDA**

**5)KOJI YOSHIMURA**

(57) Abstract :

An information storage apparatus that includes a memory unit, a first controller that reads data from the memory unit, and a second controller included in the memory unit that reads a first identification and outputs the first identification in response to an external instruction, wherein the first identification may only be read by the second controller.

No. of Pages : 67 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.514/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND APPARATUS FOR ANALYZING AN OBJECT

(51) International classification	:G06K 9/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:200910150894.1	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:25/06/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:China	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/052839	(72) <b>Name of Inventor :</b>
Filing Date	:23/06/2010	<b>1)SONG Rong</b>
(87) International Publication No	: NA	<b>2)WANG Jin</b>
(61) Patent of Addition to Application Number	:NA	<b>3)LIU Yunqiang</b>
Filing Date	:NA	<b>4)ZHANG Huanhuan</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and system for analyzing an object is provided in the present invention. The system comprises: a background arranged behind an object wherein the color of the background is allowed to be selected from a set of colors; a first unit for setting a given color for the background so that the given color is different from the color of the object; a second unit for taking a picture including the object and the background; and a third unit for detecting at least one feature relating to the object according to the picture taken by said second unit. In the system the color of the background is allowed to be set so as to be different from the color of the object. In this way it is easy to distinguish the object part from the background part in the taken picture. This results in stable recognition for different objects especially objects of different colors.

No. of Pages : 19 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.516/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : SOLAR POWERED LIGHTING ARRANGEMENT

(51) International classification	:F21S 8/08	(71)Name of Applicant :
(31) Priority Document No	:09163752.0	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:25/06/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/052828	(72)Name of Inventor :
Filing Date	:22/06/2010	<b>1)VISSER Peter</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A solar powered lighting arrangement (1) comprising a solar cell (2); a light source (8) adapted to be at least partly powered by electrical power derived from the solar cell (2); and a structural member (3) having a first side (4) provided with a first reflective surface (5) arranged to direct sunlight (6) towards the solar cell (2) and a second side (7) onto which the light source (8) is thermally coupled for dissipating heat generated by the light source (8) when emitting light (9). With the provision of a solar powered lighting arrangement in accordance with the present invention the structural member may consequently function not only as a reflecting surface directing sunlight towards the solar cell but additionally as a heat sink for the light source.

No. of Pages : 18 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.517/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : EFFECT-DRIVEN SPECIFICATION OF DYNAMIC LIGHTING

(51) International classification :H05B 37/02

(31) Priority Document No :09163715.7

(32) Priority Date :25/06/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/052728

Filing Date :17/06/2010

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

**1)LE GUEVELSCHOLTENS Antonia Gebina**

**2)VAN DOORN Markus Gerardus Leonardus Maria**

**3)GALJAARD Salome**

(57) Abstract :

A method and a device for simulating the realization of lighting effects in an environment are disclosed. The method may receive environment data user input indicative of lighting effects and data indicative of what installable devices exist. Based thereon the method may generate at least one implementation option for each lighting effect and select one implementation option for each lighting effect. As a result realization data based on the environment data and the selected implementation options can be generated. A simulator for simulating realization of lighting effects is adapted to communicate on the one hand with a user or other provider of environment and lighting effect data and on the other with a source of information on installable hardware device. The simulator can be operable in a design mode an implementation mode a selection mode and a realization mode.

No. of Pages : 24 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.465/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :08/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR SOLAR BOILER CONSTRUCTION•

(51) International classification	:F22B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:13/024,193	<b>1)BABCOCK POWER SERVICES INC.</b>
(32) Priority Date	:09/02/2011	Address of Applicant :5 Neponset Street Worcester MA
(33) Name of priority country	:U.S.	01606 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)PLOTKIN Andrew</b>
(87) International Publication No	: NA	<b>2)RICCI Russell</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A solar boiler includes a plurality of solar boiler panels forming a perimeter surrounding a boiler interior space. A support structure within the boiler interior space supports the solar boiler panels. A steam/water vessel such as a steam drum is mounted to the support structure within the boiler interior space. A method of constructing a solar boiler includes raising a steam/water vessel such as a steam drum through a leave-out area in a boiler support structure. The method also includes mounting the steam/water vessel within the boiler support structure below an upper extent of the boiler support structure.

No. of Pages : 27 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.519/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : POWER SEMICONDUCTOR MODULE AND METHOD OF MANUFACTURING A POWER SEMICONDUCTOR MODULE

(51) International classification	:H01L	(71)Name of Applicant :
(31) Priority Document No	:11154920.0	<b>1)ABB Research Ltd</b>
(32) Priority Date	:18/02/2011	Address of Applicant :Affolternstrasse 44 CH-8050
(33) Name of priority country	:EPO	Zürich Switzerland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)LIU Chunlei</b>
(87) International Publication No	: NA	<b>2)SCHULZ Nicola</b>
(61) Patent of Addition to Application Number	:NA	<b>3)KICIN Slavo</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a power semiconductor module comprising a semiconductor device (12), in particular an insulated gate bipolar transistor, a reverse conductive insulated gate bipolar transistor, or a bi-mode insulated gate transistor, with an emitter electrode and a collector electrode, wherein an electrically conductive upper layer (14) is sintered to the emitter electrode, the upper layer (14) at least partly being capable of forming an eutecticum with the semiconductor of the semiconductor device (12) and at least partly having a coefficient of thermal expansion which differs from the coefficient of thermal expansion of the semiconductor in a range of  $\pm 250\%$ , in particular  $\pm 50\%$ , and wherein an electrically conductive base plate (20) is sintered to the collector electrode, and wherein the semiconductor module (10) further comprises an electrically conductive area (24) being electrically isolated from the base plate (20) and being connected to the upper layer (14) via a direct electrical connection (22). A semiconductor module according to the invention is easy to prepare, has an improved reliability and exhibits short circuit failure mode capacity.

No. of Pages : 24 No. of Claims : 16



(12) PATENT APPLICATION PUBLICATION

(21) Application No.519/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND DEVICE FOR PROCESSING DATA PACKETS

(51) International classification :H04L 29/06

(31) Priority Document No :09163713.2

(32) Priority Date :25/06/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/052580

Filing Date :10/06/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

**1)STARING Antonius Adriaan Maria**

**2)WAGENINGEN Dries Van**

(57) Abstract :

The invention proposes a method of encoding data packet by encoding type information and size information of said data packet into the same field. The invention also proposes a method of processing data packets received. The data packet comprises a header part and a message part. The header part comprises at least one bit for indicating the type of said data packet said method comprising a step 101 of obtaining the size information of said data packet based on said at least one bit.

No. of Pages : 20 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.520/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : A METHOD FOR COMMUNICATING IN A MOBILE NETWORK

(51) International classification :H04L 5/00  
(31) Priority Document No :09163825.4  
(32) Priority Date :25/06/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/052643  
Filing Date :23/06/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
**2)SHARP KABUSHIKI KAISHA**  
(72)**Name of Inventor :**  
**1)MOULSLEY Timothy James**  
**2)TESANOVIC Milos**

(57) Abstract :

The present invention relates to a method for communicating between a primary station and a plurality of secondary stations comprising (a) the primary station configuring a secondary station to search on a first channel at least one of a plurality of search spaces having a first structure said first structure consisting of at least a first number of resource sets where at least one resource set might be used to transmit a message to a secondary station (b) the primary station setting a characteristic of the first channel to a first value. (c) the primary station changing the characteristic of the first channel to a second value upon detection of a capacity event in the search spaces.

No. of Pages : 16 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4249/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :07/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND SYSTEM FOR BUILDING AN INFLUENCE COMMERCE NETWORK AND USE THEREOF

(51) International classification

:G06Q

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)INFOSYS LIMITED**

Address of Applicant :PLOT NO. 44, ELECTRONICS  
CITY, HOSUR ROAD, BANGALORE 560 100 Karnataka  
India

(72)Name of Inventor :

**1)PAUL, SANJOY**

**2)KRISHNAMURTHY, SANTOSH**

(57) Abstract :

A method for generating an influence commerce network that facilitates to identify targeted users for promotion of products is provided. The method enables generating a product network using data related to products in an ecommerce website. The generated product network represents product-product links which represent relationship between related products from amongst the products. The method further enables generating a user network using data related to users present in a social networking website. The user network represents community links which represent relationship between users. Furthermore, the method enables analyzing data related to the user network and the product network and connecting the product network and the user network based on the analyzed data to generate an influence commerce network. The influence commerce network represents community- product links that further represents relationship between users in the user network and products in the product network.

No. of Pages : 47 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.522/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : AUTOSTEREOSCOPIC DISPLAY DEVICE

(51) International classification :G02B 27/22

(31) Priority Document No :09163866.8

(32) Priority Date :26/06/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/052780

Filing Date :21/06/2010

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

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EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

**1)PIJLMAN Fetze**

**2)DE ZWART Siebe Tjerk**

**3)KRIJN Marcellinus Petrus Carlous Michael**

(57) Abstract :

A switchable autostereoscopic display device comprises a display panel having an array of display pixels for producing a display the display pixels being arranged in rows and columns and a lens arrangement for directing the output from different pixels to different spatial positions to enable a stereoscopic image to be viewed the lens arrangement being in a plane parallel to the display panel. The lens arrangement comprises an electrically switchable LC layer which defines a lens pattern or a lens replica pattern wherein the LC alignment of the LC layer is electrically switchable such that the lens arrangement is switchable between a 2D mode and a 3D mode.

No. of Pages : 22 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5228/CHENP/2007 A

(19) INDIA

(22) Date of filing of Application :19/11/2007

(43) Publication Date : 21/06/2013

(54) Title of the invention : SOLAR POWERED LED STREET LAMP WITH AUTOMATIC LIGHT CONTROL

(51) International classification	:F21S8/00, F21S9/02, F21V33/00	(71) <b>Name of Applicant :</b> <b>1)CHAN SZE KEUN</b> Address of Applicant :2301, LAURELS INDUSTRIAL CENTRE, 32 TAI YAU STREET, SAN PO KONG, KOWLOON, HONG KONG China
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/CN2006/000920	(72) <b>Name of Inventor :</b>
Filing Date	:09/05/2006	<b>1)CHAN SZE KEUN</b>
(87) International Publication No	:WO/2006/119700	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A solar powered LED street lamp with automatic light control comprises a solar photovoltaic board, a brightness/darkness detection sensor, a lamp pole, a LED lamp, a LED direction board or billboard or light box, a base, an accumulator storage battery, a central controller and an infrared human body inductor, wherein the solar photovoltaic board is mounted on the top end of the lamp pole, the LED direction board or billboard or light box is mounted on the lamp pole, the accumulator storage battery and the central controller are situated in the base, the infrared human body inductor and the LED lamp, are mounted on the transversal bar of the lamp pole, and a plurality of LEDs are arrayed so as to constitute the characters or the marks on the LED direction board or billboard or light box.

No. of Pages : 21 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.523/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : PROCESS FOR PRODUCING RODS

(51) International classification	:B29C
(31) Priority Document No	:102011004305.5
(32) Priority Date	:17/02/2011
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)EVONIK DEGUSSA GMBH**  
Address of Applicant :RELLINGHAUSER STRASSE 1-11,  
45128 ESSEN Germany  
(72)**Name of Inventor :**  
**1)GORING, RAINER**  
**2)HARTMANN, MARKUS**  
**3)KUHMANN, KARL**  
**4)KALTHOF, BERNFRIED**

(57) Abstract :

A process for producing a rod, by a) extruding a plastics profile made of a first plastics moulding composition which forms the outermost layer and which is composed of at least 50% by weight of a semicrystalline thermoplastic, b) within the calibrator, a second plastics moulding composition is inserted into the freshly extruded profile and c) calibrating, drawing off and cooling the newly formed rod, wherein the first plastics moulding composition has the following properties: - crystallite melting point T<sub>m</sub> in accordance with ISO 11357 of at least 170°C, - crystallization temperature T<sub>k</sub> in accordance with ISO 11357 of at most 70 K below T<sub>m</sub> and - enthalpy of fusion A<sub>H</sub> in accordance with ISO 11357 of at least 20 J/g, permits production of rods, in particular round rods, with high dimensional accuracy in terms of diameter and straightness. The rods are particularly suitable as semifinished product for producing finished parts by machining.

No. of Pages : 23 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4370/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : OPERATOR PANEL WITH INBUILT AUDIO VISUAL INTERFACE

(51) International classification	:H04M	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SCHNEIDER ELECTRIC INDUSTRIES SAS
(32) Priority Date	:NA	Address of Applicant :35, URE JOSEPH MONIER, F-
(33) Name of priority country	:NA	92500 RUEIL MALMAISON France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ANUJ GUPTA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention discloses an operator panel (102) for an industrial control automation system (100). The operator panel includes a control panel (208) for providing control functions to operators, an inbuilt audio interface (204, 206) and an inbuilt video interface (202) for audio and video communication with the operators. This provides Web-enabled factory view and facilitates remote maintenance service of the industrial control automation system. Additionally the operator panel includes a USB port (210) for external webcam connection and ports (212, 214) for external speaker and microphone connection.

No. of Pages : 16 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4371/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : LENS SYSTEM

(51) International classification	:G05B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-281453	<b>1)CANON KABUSHIKI KAISHA</b>
(32) Priority Date	:17/12/2010	Address of Applicant :30-2, SHIMOMARUKO 3-CHOME,
(33) Name of priority country	:Japan	OHTA-KU, TOKYO Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)KASUYA, JUNICHI</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A lens system includes: a lens unit/ a drive unit driving the lens unit in an optical axis direction; a detector detecting a position of the lens unit/ a lens operation unit that operates driving of the lens unit/ and a computing unit that computes a positional command value for controlling driving of the lens unit based on a signal input from the lens operation unit and controls driving of the lens unit/ a time setting unit/ and a threshold setting unit setting a positional difference threshold for switching the first and second current values set in the drive unit. When the difference between the positional command value and the lens position is larger than the positional difference threshold and duration after the second current value is set has not exceeded the high-current maximum time, the second current value is set. In other cases, the first current value is set.

No. of Pages : 47 No. of Claims : 9



(12) PATENT APPLICATION PUBLICATION

(21) Application No.524/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : DIFFERENTIAL AMPLIFYING APPARATUS

(51) International classification	:H03F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-031265	<b>1)CANON KABUSHIKI KAISHA</b>
(32) Priority Date	:16/02/2011	Address of Applicant :30-2, SHIMOMARUKO 3-CHOME,
(33) Name of priority country	:Japan	OHTA-KU, TOKYO Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)YAMAZAKI, YOSHIKAZU</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A differential amplifier amplifies the difference between a signal input to the non-inverting terminal via a capacitor and a signal input to the inverting terminal. A switch switches whether to input the signal to the non-inverting terminal via the capacitor. A resistance is connected between the non-inverting terminal and the inverting terminal. An offset voltage corrector corrects the offset voltage of the differential amplifier based on the output signal of the differential amplifier during a correction period in which the switch is controlled not to input the signal to the non-inverting terminal via the capacitor.

No. of Pages : 25 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.524/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : A HYPERPOLARIZED CONTRAST AGENT DISPENSER FOR MAGNETIC RESONANCE IMAGING

(51) International classification :A61M 16/10  
(31) Priority Document No :09163862.7  
(32) Priority Date :26/06/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/052864  
Filing Date :23/06/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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(72)Name of Inventor :  
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**2)BOERNERT Peter**  
**3)WIRTZ Daniel**  
**4)DAVID Bernd**  
**5)EGGERS Holger**  
**6)KEUPP Jochen**  
**7)OVERWEG Johannes Adrianus**  
**8)ECKART Rainer**

(57) Abstract :

A dispenser (132) a magnetic resonance imaging system (100) and a method for using hyperpolarized contrast agent (304) during a magnetic resonance imaging examination. The dispenser comprises an attachment component (136) for a face piece (138). The face piece is adapted for receiving the surface of a subject (114) such that when the subject inhales hyperpolarized contrast agent enters the respiratory system of the subject. The dispenser further comprises a reservoir (300) adapted for receiving the hyperpolarized contrast agent. The dispenser further comprises a gas flow (406) tube connected to the attachment component and a vaporizer (406 408 412 510 602 606) for vaporizing the hyperpolarized contrast agent in the gas flow tube into a hyperpolarized vapor. The dispenser further comprises a controller (402) for controlling when the vaporizer vaporizes the hyperpolarized contrast agent.

No. of Pages : 31 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4150/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND SYSTEM FOR STATION (STA) SELECTION AND LINK ADAPTATION FOR IEEE 802.11AC COMPLIANT MULTI USER-MULTIPLE INPUT MULTIPLE OUTPUT (MU-MIMO) OPERATION

(51) International classification

:H04L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)SAMSUNG INDIA SOFTWARE OPERATIONS  
PRIVATE LIMITED**

Address of Applicant :Bagmane Lakeview Block B No.  
66/1 Bagmane Tech Park C V Raman Nagar Byrasandra  
Bangalore 560093 Karnataka India Nagaland India

(72)Name of Inventor :

**1)DWARAKANATH Pradeep  
2)KIM Youngsoo**

(57) Abstract :

A method and system that provides enhanced link adaption in 802.11ac wireless network standard that supports Multi User-Multiple Input Multiple Output (MU-MIMO) operation in the downlink is disclosed. The method provides changes in station (STA) to Access Point (AP) feedback elements of the 801.11ac standard. These changes enable the AP to select optimal Modulation and Coding Scheme (MCS) levels to match channel and interference conditions by maintaining desired Packet Error Rate (PER). The method enables each co-scheduled station to indicate a SINR step size that enables the AP to derive optimal MCS level based on computed multi-user interference after deriving the multi-user (MU) precoder. The method further enables joint STA selection and link adaptation that appropriately minimizes transmitted power or maximizes data rate.

No. of Pages : 30 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4153/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A DEVICE TO DETERMINE A VELOCITY OF A VEHICLE AND A METHOD THEREOF

(51) International classification	:G03F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS
(32) Priority Date	:NA	SOLUTIONS LIMITED
(33) Name of priority country	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(86) International Application No	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	2)ROBERT BOSCH GMBH
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SANDIPTO NEOGI
(62) Divisional to Application Number	:NA	2)RAGHAVENDRA S K
Filing Date	:NA	

(57) Abstract :

A device (100) in a vehicle (1000), adapted to determine a velocity (Vestimated) of the own vehicle (1000) is disclosed. The device comprises, a first time stamp generation means (10), adapted to generate a first time stamp (1010) corresponding to at least one point (500, 550) located in the vicinity of the vehicle (1000), a second time stamp generation means (20), adapted to generate a second time stamp (1020) corresponding to the at least one point (500, 550) located in the vicinity of the vehicle (1000) and a velocity determining means (50), determining the velocity of the vehicle (1000) depending on the first time stamp (1010) and the second time stamp (1020).

No. of Pages : 18 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4155/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : APPARATUS AND METHOD FOR AUDIO REACTIVE UI INFORMATION AND DISPLAY

(51) International classification	:H04R	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NOKIA CORPORATION
(32) Priority Date	:NA	Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo
(33) Name of priority country	:NA	Finland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Erika Pauliina Reponen
(87) International Publication No	: NA	2)Ravi Shenoy
(61) Patent of Addition to Application Number	:NA	3)Mikko Tapio Tammi
Filing Date	:NA	4)Sampo Ville Vesa
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method includes determining, using signals captured from two or more microphones configured to detect an acoustic signal from one or more sound sources, one or more prominent sound sources based on the one or more sound sources. The method further includes determining one or more directions relative to a position of one or more of the two or more microphones for the one or more prominent sound sources. The method includes modifying one or more user interface elements displayed on a user interface of a display to provide an indication at least in part of the one or more directions, relative to position of at least one microphone, of the one or more prominent sound sources.

No. of Pages : 33 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4156/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN AUDIO DRIVER USER INTERFACE

(51) International classification	:H04R	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)NOKIA CORPORATION</b>
(32) Priority Date	:NA	Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo
(33) Name of priority country	:NA	Finland
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)Ravi Shenoy</b>
(87) International Publication No	: NA	<b>2)Erika Pauliina Reponen</b>
(61) Patent of Addition to Application Number	:NA	<b>3)Mikko Tapio Tammi</b>
Filing Date	:NA	<b>4)Anssi Sakari RÃmÃ</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for an audio driver user interface comprising: capturing at least two audio signals; determining a trajectory of an audio source from the at least two audio signals; and generating a user interface input dependent on the trajectory of the audio source.

No. of Pages : 41 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4156/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/06/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : COOKING EXTRUDER WITH ENHANCED STEAM INJECTION PROPERTIES

(51) International classification :B29C  
(31) Priority Document No :11/687,439  
(32) Priority Date :16/03/2007  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2008/52794  
Filing Date :01/02/2008  
(87) International Publication No :WO/2008/115623  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :5427/CHENP/2009  
Filed on :01/02/2008

(71)**Name of Applicant :**  
**1)WENGER MANUFACTURING, INC.**  
Address of Applicant :714 MAIN STREET, P.O., BOX 130,  
SABETHA, KANSAS 66534 U.S.A.  
(72)**Name of Inventor :**  
**1)WENGER, LAVON**  
**2)ROKEY, GALEN, J.**  
**3)SPELLMEIER, ALLAN**

(57) Abstract :

An improved extruder (10) is provided which permits successful introduction of very high quantities of injected steam into material being processed, on the order of 6-8% or more by weight steam. The extruder (10) includes an elongated extruder barrel (12) having at least one elongated, axially rotatable, helically flighted extrusion screw (16,18) therein. The barrel (12) is equipped with obliquely oriented steam injection ports (44, 46) along the length thereof, housing steam injectors (48, 50). The barrel (12) includes relatively high free volume steam injection heads (32 and 38,40) having therein screw sections (78,82) of relatively long pitch length, together with steam restriction heads (30,34, and 42) on opposite sides of the injection heads (32, and 38,40) having therein relatively short pitch length screw sections (76, 80, 84).

No. of Pages : 10 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4040/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :23/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND SYSTEM FOR BLOCK ACKNOWLEDGEMENT MECHANISM FOR MULTI-USER TRANSMISSIONS

(51) International classification	:H04L 1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :Bagmane Lakeview Block B No.
(33) Name of priority country	:NA	66/1 Bagmane Tech Park C V R man Nagar Byrasandra
(86) International Application No	:NA	Bangalore 56009 KARNATAKA India Gujarat India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)PATIL Sandhya</b>
(61) Patent of Addition to Application Number	:NA	<b>2)DWARAKANATH Pradeep</b>
Filing Date	:NA	<b>3)KIM Youngsoo</b>
(62) Divisional to Application Number	:NA	<b>4)BHATT Anirudh</b>
Filing Date	:NA	<b>5)NANIYAT Arun</b>

(57) Abstract :

The present invention relates to the field of wireless communication and more particularly to acknowledgement mechanism for multi-user wireless network. An access point (AP) in a cellular wireless network group associated stations (STAs) to facilitate Multi User (MU) MIMO to achieve Very High Throughputs (VHT) in downlink. The AP transmits frames to multiple STAs simultaneously by using a beam forming technique. These transmissions need to solicit a Block Acknowledgement (BA) frames from multiple STAs. However the multiple STAs do not have knowledge to schedule transmission of their BA frames to the AP. The proposed invention provides a method and system to solicit BA from multiple STAs without any collision in MU MIMO transmission. Further the proposed invention provides an error recovery mechanism at the AP when any of the associated STA fails to receive MU MIMO transmission

No. of Pages : 29 No. of Claims : 26



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4041/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :24/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PREPARATION OF 3-[2-[4-(6-FLUORO-1,2-BENZISOXAZOL-3-YL)-1-PIPERIDINYL]-6,7,8,9-TERAHYDRO-9-HYDROXY-2-METHYL-4H-PYRIDO[1,2-A] PYRIMIDIN-4- ONE.

(51) International classification	:F24H	(71)Name of Applicant :
	1/00	<b>1)vasantha kumar rao k r</b>
(31) Priority Document No	:NA	Address of Applicant :# 2202 VIVEKANDA NAGAR
(32) Priority Date	:NA	BANGAR PET KOLAR (DIST) PIN -563114 Karnataka
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)vasantha kumar rao k r</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A transparent air pipe with means of enhancing and saving the precious time of every household & also helpful saving what we call nations wealth like water Energy like electricity electric heating device like boiler geysers. It also human friendly like its adoption makes every house hold tension free

No. of Pages : 6 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4042/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :24/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD&NBSP; APPARATUS AND COMPUTER PROGRAM PRODUCT FOR GENERATION OF ANIMATED IMAGE ASSOCIATED WITH MULTIMEDIA CONTENT

(51) International classification	:H04N 7/00	(71) <b>Name of Applicant :</b> <b>1)NOKIA CORPORATION</b>
(31) Priority Document No	:NA	Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo
(32) Priority Date	:NA	Finland
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)Pranav Mishra</b>
Filing Date	:NA	<b>2)Rajeswari Kannan</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In accordance with an example embodiment a method, apparatus and computer program product are provided. The method comprises facilitating selection of at least one object from a plurality of objects in a multimedia content. The method also comprises accessing an object mobility content associated with the at least one object. The object mobility content is indicative of motion of the plurality of objects in the multimedia content. An animated image associated with the multimedia content is generated based on the selection of the at least one object and the object mobility content associated with the at least one object.

No. of Pages : 49 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION

(21) Application No.526/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : A GUIDANCE CHAIN FOR GUIDING CABLES OR OTHER LINES IN A MEDICAL DIAGNOSTIC APPARATUS

(51) International classification :H02G 3/04  
(31) Priority Document No :09163912.0  
(32) Priority Date :26/06/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/052791  
Filing Date :21/06/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)Name of Inventor :  
**1)RIJKEN Antonius Maria**  
**2)CUPPEN Martinus Antonius Maria**  
**3)BHAT Ravindra**  
**4)VAN ES Arthur Robert**

(57) Abstract :

The invention relates to a guidance chain (18; 118; 218; 318; 418; 518 618) for guiding a connection line (20; 120; 220; 320; 420) such as a cable electrical cable fiber glass cable water line gas line or fluid line between parts (12 13) of a medical diagnostic apparatus (10) which are moved relative to each other the guidance chain comprising plural chain elements (19; 119; 219; 319; 419) wherein consecutive chain elements are moveable relative to each other about a respective imaginary or real rotation axis for realizing a folding movement of the guidance chain wherein the guidance chain is constructed such that it has an pre-set curvature in an unfolded state and the radial extensions of the rotation axes are originating from substantially the same point in a folded state of the guidance chain.

No. of Pages : 22 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.527/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : OPTICAL FIBER AND METHOD AND APPARATUS FOR MANUFACTURING OPTICAL FIBER

(51) International classification

:H01M

(31) Priority Document No

:JP2011-  
028387

(32) Priority Date

:14/02/2011

(33) Name of priority country

:Japan

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)FUJIKURA LTD.**

Address of Applicant :5-1, KIBA 1-CHOME, KOTO-KU,  
TOKYO Japan

(72)Name of Inventor :

**1)KENJI OKADA**

(57) Abstract :

An optical fiber includes a bare optical fiber portion, to which elastic torsion is applied, and a coating layer, which coats the bare optical fiber portion, is formed of curable resin, and causes elastic repulsion against resilience occurring in the bare optical fiber portion so that the elastic torsion applied to the bare optical fiber portion is held.

No. of Pages : 49 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4424/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :16/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A PROCESS FOR PREPARING GREEN PETROL FROM CASHEW NUT SHELL OIL

(51) International classification	:C10G	(71)Name of Applicant :
(31) Priority Document No	:NA	1)New Horizon College of Engineering
(32) Priority Date	:NA	Address of Applicant :Ring Road Near Marathalli
(33) Name of priority country	:NA	Bangalore - 560 103 INDIA Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Dr.Manjunatha
(87) International Publication No	: NA	2)Dr.M.S.Ganesha Prasad
(61) Patent of Addition to Application Number	:NA	3)Prof. Sudheer Kulkarni
Filing Date	:NA	4)Dr.Srinivas Bhat G
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In view of the foregoing the embodiment herein provides the extraction process of green petrol from cashew nut shell oil. The oil is distilled and filtered to remove the solid and floating impurities. Thereafter the oil is hydrogenated in a power bomb apparatus to convert the double bonds and triple bonds which are active sites of reaction into single bonds. Then the hydrogenated stable oil is subjected to cracking process to break the long chain hydrocarbons into short chain hydrocarbons. The highly volatile cracked oil was mixed in a proportion 1:10 by volume with ethanol and the blended oil can be served as a fuel in an I.C. Engine. According to present invention the engine performance test is also conducted and it has observed that the blended fuel accorded characteristic curves similar to that of gasoline.

No. of Pages : 17 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4426/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :16/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : STABLE CRYSTAL FORM OF FEBUXOSTAT AND PROCESS FRO THE PREPARATION THEREOF

(51) International classification

:C07D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)NATCO PHARMA LIMITED**

Address of Applicant :NATCO HOUSE, ROAD NO.2,  
BANJARA HILLS, HYDERABAD, PIN CODE: 500 033  
Andhra Pradesh India

(72)Name of Inventor :

**1)KOMPELLA AMALA KISHAN**

**2)GAMPA VENU GOPALA KRISHNA**

**3)KUSUMBA SUBHASH**

**4)ADIBHATLA KALI SATYA BHUJANGA RAO**

**5)NANNAPANENI VENKAIAH CHOWDARY**

(57) Abstract :

The invention relates to novel stable polymorphic form FC-1 of Febuxostat [2-[3-cyano-4-(2-Methyl-propoxy)phenyl]-4-methyl-5-thiazole carboxylic acid]. The invention also provides process for the preparation of novel stable polymorphic form FC-1 with >99.8% HPLC purity.

No. of Pages : 20 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4427/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :16/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND APPORATUS FOR MANAGING A FINANCIAL TRANSACTION

(51) International classification	:G06Q	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)LOGICA PRIVATE LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :Divyasree Technopolis 124-125
(33) Name of priority country	:NA	Yemlur Main Road Yemlur P.O. Off Airport Road Bangalore
(86) International Application No	:NA	560037 Sao Tome and Principe
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)VENUGOPAL Sreevenkatesh</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In one or more embodiments, a method and an apparatus for managing financial transactions is provided. In one embodiment, the method includes the steps of receiving a request for performing a financial transaction from a first payment initiator system, determining type of the financial transaction based on the request, determining that one of processing entities suitable for satisfying the request, and routing the request to one of processing entities based on the determined type of the financial transaction. The apparatus of the present invention includes primarily, a memory and a processor. The memory connected to the processor and loaded with one or more programs. The memory includes a transaction reception module, an adaptor module, and a request processing module. The request processing module is configured for determining the type of financial transaction, determining a suitable processing entity, and directing the financial transaction to the suitable processing entity.

No. of Pages : 21 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.528/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : VISUALIZING SURGICAL TRAJECTORIES

(51) International classification :A61B 19/00

(31) Priority Document No :09163970.8

(32) Priority Date :29/06/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/052785

Filing Date :21/06/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

**1)CAGNAN Hayriye**

**2)MARTENS Hubert Cecile Francois**

**3)DOLAN Kevin Thomas**

(57) Abstract :

A method is provided for visualizing a surgical trajectory (32 101 42 46 47). The method comprises steps of receiving (71) 3D imaging information (31) of a region to undergo surgery and combining (72) the received 3D imaging information (31) with data from a digitized anatomical atlas. As a result a combined map of the region to undergo surgery is obtained. The combined map comprises expected positions of anatomical structures (102 103 104) in the region to undergo surgery. The method further comprises steps of receiving (73) the surgical trajectory (32 101 42 46 47) for the surgery determining (74) positions of intersections (43 44) of the surgical trajectory (32 101 42 46 47) with the anatomical structures (102 103 104) and providing (75) the positions of the intersections (43 44) in a coordinate system aligned with the surgical trajectory (32 101 42 46 47).

No. of Pages : 26 No. of Claims : 15



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4127/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : OPTICAL INFORMATION RECORDING MEDIUM

<p>(51) International classification :G11B (31) Priority Document No :2010-273144 (32) Priority Date :08/12/2010 (33) Name of priority country :Japan (86) International Application No :NA Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)<b>Name of Applicant :</b> <b>1)TAIYO YUDEN CO. LTD.</b> Address of Applicant :16-20 Ueno 6-chome Taito-ku Tokyo 110-0005 Japan (72)<b>Name of Inventor :</b> <b>1)UCHIDA Mamoru</b> <b>2)TANAKA Yoshinori</b> <b>3)MAEKAWA Ippei</b></p>
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(57) Abstract :

According to various embodiments an optical information storage medium is provided which includes a printable print surface with high glossiness and high ink-absorption capability and can be inserted into and/or ejected from an information recording-reproducing apparatus with reduced contact resistance. Optical information storage medium 1 comprises recording layer 11; recording surface 14 onto which a recording/reproducing light is injected; ink-absorptive layer 17 formed on or above print surface 15 disposed opposite to the recording surface 14; and a plurality of bumps formed on or above the ink-absorptive layer in an area 3 mm or less radially inward from an outer periphery of the the ink-absorptive layer each of the plurality of bunsps having height of 3  $\mu$ m to 30  $\mu$ m and width of 0.05 mm to 1 mm.

No. of Pages : 20 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4128/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR AUTOMATED LANDMARKING

(51) International classification	:A61B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)GENERAL ELECTRIC COMPANY</b>
(32) Priority Date	:NA	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:NA	NEW YORK 12345 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)VAIDYA, VIVEK PRABHAKAR</b>
(87) International Publication No	: NA	<b>2)DARROW, ROBERT DAVID</b>
(61) Patent of Addition to Application Number	:NA	<b>3)TAO, XIAODONG</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for automated landmarking is presented. The method includes obtaining one or more localizer images of a patient. Furthermore, the method includes comparing the one or more localizer images with a reference image. In addition, the method includes computing a difference between the one or more localizer images and the reference image. The method also includes determining a desired position of the patient based on the computed difference. Moreover, the method includes maneuvering the patient, a support platform, or both the patient and the support platform to the desired position for imaging an anatomical region of interest in the patient. Systems configured to perform the method for automated landmarking are also presented.

No. of Pages : 34 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4129/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : WIND BLADE AND METHOD OF OPERATING A WIND TURBINE BLADE

(51) International classification	:F03D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:NA	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:NA	NEW YORK 12345 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)LOGANATHAN, JAIKUMAR
(87) International Publication No	: NA	2)BALARAMUDU, VASANTH KUMAR
(61) Patent of Addition to Application Number	:NA	3)GADAMSETTY, RAJESH KUMAR VENKATA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A wind blade is provided. The wind blade includes an aerodynamic blade body having a leading edge and a trailing edge. The wind blade also includes a sensing device coupled to the leading edge for sensing changes in the surface roughness of the leading edge.

No. of Pages : 19 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4130/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : CERAMIC, GRADED RESISTIVITY MONOLITH USING THE CERAMIC, AND METHOD OF MAKING

(51) International classification

:H01L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)GENERAL ELECTRIC COMPANY**

Address of Applicant :1 RIVER ROAD, SCHENECTADY,  
NEW YORK 12345 U.S.A.

(72)Name of Inventor :

**1)PARAKALA, PADMAJA**

**2)REDDY, SUDHAKAR EDDULA**

**3)NAYAK, MOHANDAS**

**4)KUMAR, SUNDEEP**

(57) Abstract :

According to one embodiment, a monolithic cassette with graded electrical resistivity is presented. The monolithic cassette has a continuous grain structure between a first end and a second end; wherein electrical resistivity of the monolithic cassette is graded such that the resistance varies continuously from the first end to the second end. Methods and compositions for forming the monolithic cassette are also presented.

No. of Pages : 21 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4131/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : HIGH-SIDE CURRENT MEASUREMENT TECHNIQUE FOR MULTI-PHASE FLUID

(51) International classification	:G01F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:NA	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:NA	NEW YORK 12345 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MAITY, SANDIP
(87) International Publication No	: NA	2)MAHALINGAM, SAKETHRAMAN
(61) Patent of Addition to Application Number	:NA	3)MAY, ANDRZEJ MICHAL
Filing Date	:NA	4)WARD, JOHN ROBERT
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Techniques are provided for measuring one or more parameters in a multi-phase metering system. The multi-phase metering system includes a transport structure configured to transport one or more flow components of a flow process. Electrodes may be disposed concentrically with a cross-section of the transport structure to determine parameters of fluids flowing through the cross-sectional area. The multi-phase metering system includes measurement electronics having measurement circuitry including a balance load having an impedance that is substantially equal to a parasitic impedance of the multi-phase metering system. The measurement electronics also includes a processor suitable for determining one or more parameters, such as flow velocity, flow volume, etc., based on a current sensed by the measurement circuitry.

No. of Pages : 19 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4605/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :27/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AUTOMATED LAYOUT OF BEAMS

(51) International classification	:G05D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:13/034,995	<b>1)RAYTHEON COMPANY</b>
(32) Priority Date	:25/02/2011	Address of Applicant :870 WINTER STREET,
(33) Name of priority country	:U.S.A.	WALTHAM, MASSACHUSETTS 02451 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)JIN MICHAEL Y.</b>
(87) International Publication No	: NA	<b>2)BOE ERIC N.</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The technology described herein includes a system and/or a method of automated layout of beams. The method includes generating a plurality of boundary positions along boundaries of an image frame. The method further includes determining a start location for a first beam within the plurality of boundary positions based on at least one of a mapping priority, direction of movement of a beam platform, and speed of movement of the beam platform. The method further includes modifying the plurality of boundary positions based on the start location. The method further includes determining a second location for a second beam within the modified plurality of boundary positions based on at least one of a mapping priority, direction of movement of a beam platform, and speed of movement of the beam platform. The method further includes modifying the modified plurality of boundary positions based on the second location.

No. of Pages : 35 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.530/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : X-RAY TUBE WITH ADJUSTABLE FOCAL TRACK

(51) International classification :H01J 35/10

(31) Priority Document No :61/221185

(32) Priority Date :29/06/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2010/052932

Filing Date :28/06/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

**1)KRAFT Kevin**

**2)CARLSON Gerald James.**

**3)MASKA Mark**

**4)XU Paul**

(57) Abstract :

The invention relates to an X-ray tube with a rotatable anode, an X-ray imaging system and a method for adjusting the focal track of an X-ray tube with a rotatable anode. In order to improve the accuracy of X-ray tubes with rotating anodes and the run out characteristics of rotatable anodes, an X-ray tube with an envelope housing a cathode and an anode assembly is provided, wherein the anode assembly comprises a rotatable disk provided with an annular target forming a focal track, which focal track is rotationally symmetric around a symmetry axis, and a rotor stem for supporting the disk, which stem is rotatably supported around a primary axis of rotation. The stem is provided with a mounting surface to support the disk and the disk is provided with an abutment surface to be mounted to the mounting surface. According to the invention, correction means are arranged between the mounting surface and the abutment surface such that a run-out of the focal track in relation to the axis of rotation is adjustable.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.531/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : A METHOD FOR COMMUNICATING IN A NETWORK

(51) International classification :H04W 72/12  
(31) Priority Document No :09164074.8  
(32) Priority Date :29/06/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/052842  
Filing Date :23/06/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
**2)SHARP KABUSHIKI KAISHA**  
(72)Name of Inventor :  
**1)BAKER Matthew**  
**2)MOULSLEY Timothy James**  
**3)TESANOVIC Milos**

(57) Abstract :

The present invention relates to a method for operating a network comprising a primary station communicating with a plurality of secondary stations the method comprising the primary station communicating with a secondary station in a discontinuous mode; the secondary station transmitting to the primary station a control message based on the current status of the secondary station; the primary station changing a parameter of the discontinuous mode based on the control message.

No. of Pages : 13 No. of Claims : 14



(12) PATENT APPLICATION PUBLICATION

(21) Application No.54/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :05/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : ROTATING ELECTRICAL MACHINE AND ROTATING APPARATUS

(51) International classification

:B23P

(31) Priority Document No

:2011-

003182

(32) Priority Date

:11/01/2011

(33) Name of priority country

:Japan

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1) **KABUSHIKI KAISHA**

Address of Applicant :2-1, KUROSAKI-SHIROSHI,

YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA 806-0004 Japan

2) **SANKYO SEISAKUSHO CO.**

(72)Name of Inventor :

1) **TOSHIYUKI YAMAGISHI**

2) **NOBUKAJU MIYAUCHI**

3) **KENJI MATSUURA**

4) **TOSHINAO KATO**

5) **ATSUSHI OISHI**

6) **TOSHIKI TAKAHASHI**

(57) Abstract :

A rotating apparatus (1) integrally comprises a motor (100) and a reduction device (200). The motor (100) comprises a rotating shaft (101) fixed to a rotator (111). The reduction device (200) comprises an input shaft (211) to which a roller gear cam (212) is provided, and an output shaft (221). The output shaft (221) is provided with cam followers (222) on its outer periphery that sequentially engages with the roller gear cam (212), and extends along a direction orthogonal to the input shaft (211). The rotating shaft (101) of the motor (100) and the input shaft (211) of the reduction device (200) are integrally formed into a single shaft.

No. of Pages : 25 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4195/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :05/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SMARTPHONE WITH DETACHABLE INPUT AND OUTPUT (I/O) COMPONENTS (DIOC)

(51) International classification	:H04M	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)INFOSYS LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :IP CELL, PLOT NO 44,
(33) Name of priority country	:NA	ELECTRONICS CITY, HOSUR ROAD, BANGALORE 560
(86) International Application No	:NA	100 Karnataka India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)SUMIT KALRA</b>
(61) Patent of Addition to Application Number	:NA	<b>2)CHINMOY MUKHERJEE</b>
Filing Date	:NA	<b>3)RAJARATHNAM NALLUSAMY</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Embodiments of the present invention provide a mobile device comprising a core phone with a detachable primary device. The core phone transfers an incoming call alert to the detached primary device by synchronizing the display frame buffer of the core phone with the display frame buffer associated with the detached primary device. A plurality of remote secondary devices can be paired with the core phone on request by said secondary devices to transfer an incoming call alert to said plurality of secondary devices and establish a connection after authorization with said detached primary device. The detachable primary device is usable by pairing with the core phone when the core phone is not used directly but remains in the vicinity. Important data in the primary device is synchronized with the core phone to avoid data loss when the primary device is accidentally dropped or lost or damaged.

No. of Pages : 29 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4196/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :05/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : DETERMINING ONE OR MORE PROBABLE MEDICAL CODES USING MEDICAL CLAIMS

(51) International classification	:G06F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)INFOSYS LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :IP CELL, PLOT NO 44,
(33) Name of priority country	:NA	ELECTRONICS CITY, HOSUR ROAD, BANGALORE 560
(86) International Application No	:NA	100 Karnataka India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)GURURAJ RAO</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed herein is a system which addresses the problem of multiple mappings of a source ICD code to a target ICD code by using medical service claim records. The mechanism is based on analysis of the ICD code description, and analysis of accompanying data to determine a set of selection parameters to assist in the conversion. Implementation of selection parameters is disclosed. These are applied in the form of first and second axis of differentiation.

No. of Pages : 30 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4197/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :05/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR EXTRACTING ATTRIBUTES FROM TEXT CONTENT

(51) International classification	:G06F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)INFOSYS LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :IP CELL, PLOT NO 44,
(33) Name of priority country	:NA	ELECTRONICS CITY, HOSUR ROAD, BANGALORE 560
(86) International Application No	:NA	100 Karnataka India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)MADHU GOPINATHAN</b>
(61) Patent of Addition to Application Number	:NA	<b>2)SARBENDU GUHA</b>
Filing Date	:NA	<b>3)INDRANIL BASU</b>
(62) Divisional to Application Number	:NA	<b>4)NIKHIL MENON</b>
Filing Date	:NA	<b>5)TEJAS PRABHAKARA SAMPIGE</b>

(57) Abstract :

Systems and method for extracting attributes from text content are described. Example embodiments may include a computer implemented method for extracting attributes from text data, wherein the text data is obtained from at least one information source. As described, the implementation may include receiving, from a user, an address for the at least one information source and an attribute name, creating a tagged information file by associating a part of speech tag to text data obtained from the at least one information source, identifying a location of the attribute name in the tagged information file using an approximate text matching technique and determining at least one attribute descriptor from the tagged information file wherein the tagged information file is parsed based on a part of speech tag associated with the attribute name to determine a conclusion of the attribute descriptor.

No. of Pages : 26 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.545/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : LASER LAP WELDING METHOD•

(51) International classification	:B23K	(71)Name of Applicant :
(31) Priority Document No	:2011-036174	1)SUZUKI MOTOR CORPORATION
(32) Priority Date	:22/02/2011	Address of Applicant :300 Takatsuka-cho Minami-ku
(33) Name of priority country	:Japan	Hamamatsu-shi Shizuoka-ken Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Kazuhiro HAYASHIMOTO
(87) International Publication No	: NA	2)Yuta FUJINUMA
(61) Patent of Addition to Application Number	:NA	3)Tsukasa HAGIHARA
Filing Date	:NA	4)Yoshitaka SANUKI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

To provide a laser lap welding method including: performing lap welding (1 1;21) by irradiating a laser beam (La) on a plurality of overlapped workpieces (1 2); and irradiating after a very short interruption time period of the laser beam irradiation a defocused laser beam (Lc) on a terminating end (12; 22) of the lap welding. Preferably the laser lap welding method including: interrupting the irradiation of the laser beam for a very short time period and moving during the interruption time period the optical axis of the laser beam from the terminating end of the lap welding to the side of the starting end of the lap welding; and irradiating a defocused laser beam from the position to which the optical axis of the laser beam is moved to the terminating end of the lap welding.

No. of Pages : 24 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4157/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR GENERATING STUDENT ACTIVITY FLOWS IN A UNIVERSITY

(51) International classification	:G09B	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)SRM INSTITUTE OF SCIENCE AND TECHNOLOGY</b>
(32) Priority Date	:NA	Address of Applicant :#3, VEERASWAMY STREET,
(33) Name of priority country	:NA	WEST MAMBALAM, CHENNAI - 600 033 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)SRIDHAR VARADARAJAN</b>
(87) International Publication No	: NA	<b>2)PREETHY IYER</b>
(61) Patent of Addition to Application Number	:NA	<b>3)MEERA DIVYA MANIPALLI VENUGOPAL</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An educational institution (also referred as a university) is structurally modeled using a university model graph. A key benefit of modeling of the educational institution is to help in an introspective analysis by the educational institute. In order to build an effective university model graph, it is required to gather and analyze the various activities performed on the university campus by the various entities of the university. A system and method for automated generation of activity flows involves analysis of multiple student specific sub-activities and correlating them from temporal and spatial points of view. Specifically, the presented system allows for reliable identification of activity flows accounting for duplicate and missing sub-activities.

No. of Pages : 62 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4158/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : MOTOR MOUNT STRUCTURE FOR ELECTRIC VEHICLE•

<p>(51) International classification :B62D (31) Priority Document No :2010-292770 (32) Priority Date :28/12/2010 (33) Name of priority country :Japan (86) International Application No :NA Filing Dat :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)<b>Name of Applicant :</b> <b>1)SUZUKI MOTOR CORPORATION</b> Address of Applicant :300 Takatsuka-cho Minami-ku Hamamatsu-shi Shizuoka-ken Japan (72)<b>Name of Inventor :</b> <b>1)Sunao WAKATSUKI</b> <b>2)Shuichi YAMANE</b></p>
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(57) Abstract :

The present invention has as an object to reduce vibration transmitted from a power train including a motor to a sub-frame, and to ensure space for housing an on-vehicle component rearward of a sub-frame. [Solving Means] Vibrations transmitted from a power train including a motor to a sub - frame are reduced, and a space for housing an on-vehicle component rearward of a sub-frame is provided. In a motor mount structure of an electric vehicle, in which a front cross frame is connected to a front cross member, a rear cross frame is secured to a rear cross member, opposite sides of a power train in a vehicle width diction are supported on side frames by a side mount device placed so that positions in a vehicle fore-and-aft direction and a vehicle vertical direction are close to a horizontal line passing through the center of gravity of the power train and extending in the vehicle width direction, while a front mount device that regulates rolling of the power train is placed on a front portion of the power train, and the front mount device is mounted to a central portion of the front cross frame in the vehicle width direction.

No. of Pages : 17 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4159/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : MOTOR MOUNTING STRUCTURE OF ELECTRIC VEHICLE•

(51) International classification	:B62D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-277184	<b>1)SUZUKI MOTOR CORPORATION</b>
(32) Priority Date	:13/12/2010	Address of Applicant :300 Takatsuka-cho Minami-ku
(33) Name of priority country	:Japan	Hamamatsu-shi Shizuoka-ken Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)Sunao WAKATSUKI</b>
(87) International Publication No	: NA	<b>2)Shuichi YAMANE</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

[Problems] In a motor mounting structure of electric vehicle to cause a powertrain including a motor to vibrate less and to reduce the vibration transmitted from the powertrain to a vehicle body. [Means for Solving the Problem] A front cross frame portion (12) is connected to a front cross member (27) provided at a connecting portion (26) between a front floor (6) and a vertical wall portion (7). A rear cross frame portion (13) is fixed to a rear cross member (28) extending along a lower surface side of a rear floor (8) in a vehicle width direction above a differential (16). Thereby the longitudinal length of a subframe (9) is shortened the stiffness of the subframe (9) is increased and the space behind the rear cross frame portion (13) is increased.

No. of Pages : 15 No. of Claims : 4



(12) PATENT APPLICATION PUBLICATION

(21) Application No.550/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : CALENDAR MECHANISM

(51) International classification	:F16H
(31) Priority Document No	:11154849.1
(32) Priority Date	:17/02/2011
(33) Name of priority country	:EPO
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)Glashütte Uhrenbetrieb GmbH**  
Address of Applicant :Altenberger Strasse 1 01768  
Glashütte/Sachsen Germany  
(72)**Name of Inventor :**  
**1)SCHMIDT Peter**

(57) Abstract :

Gear wheel 12 for a clock mechanism comprising: - a toothed gear 12 provided with a homogeneous integral peripheral tooth system with at most 16 teeth in a first meshing level A; - a first meshing sector 29 that is rotationally fixed with said toothed gear 12 and meshes in a second meshing level B wherein said first meshing level 29 is superposed on a first tooth 29 of said toothed gear 12; - a second meshing sector 30 that is rotationally fixed with said toothed gear 12 and meshes in a third meshing level D wherein said second meshing level 30 is superposed on a second tooth 30 of said toothed gear 12; - a third meshing sector 31 that is rotationally fixed with said toothed gear 12 and meshes in a fourth meshing level C wherein said third meshing level 31 is superposed on a third tooth 31 of said toothed gear

No. of Pages : 38 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.515/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : HEAT MANAGING DEVICE

(51) International classification	:F21V 9/02
(31) Priority Document No	:09163711.6
(32) Priority Date	:25/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/052789
Filing Date	:21/06/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)TRALLI Aldo**  
**2)TREURNIET Theodoor Cornelis**  
**3)KURT Ralph**

(57) Abstract :

It is presented a heat managing device for a light source (100) which combines heat managing by means of a heat sink, heat pipes and forced convection, thereby achieving efficient cooling of high power lighting applications. The heat managing device comprises a heat spreading element (104) having an upper side arranged for thermally connecting to at least one light source (106). The light emitted from the light source is controlled by secondary optics (103). The heat managing device comprises a heat sink which is thermally connected to the heat spreader, and to a first set of heat pipes which is thermally connected to the heat spreader. At least a portion of the heat sink is arranged to encompass the secondary optics. The heat pipes are embedded in the heat sink. Further, a fan for providing forced air convection at the heat sink is comprised in the device. A corresponding lighting device is also presented.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.558/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : IMAGE CAPTURE APPARATUS AND IMAGE SIGNAL PROCESSING APPARATUS

(51) International classification	:H04N	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-032629	<b>1)CANON KABUSHIKI KAISHA</b>
(32) Priority Date	:17/02/2011	Address of Applicant :30-2, SHIMOMARUKO 3-CHOME, OHTA-KU, TOKYO Japan
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)NAGATA, KEIJI</b>
Filing Date	:NA	<b>2)SAITO, MAKIKO</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An image capture apparatus includes an image capture unit that has a plurality of unit pixels each including a plurality of photo-electric conversion units per condenser unit, and a recording unit that records captured image signals, which are captured by the image capture unit and are respectively read out from the plurality of photo-electric conversion units, and the recording unit records identification information which allows to identify each photo-electric conversion unit used to obtain the captured image signal in association with that captured image signal.

No. of Pages : 38 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.559/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 21/06/2013

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(54) Title of the invention : APPARATUS FOR DETECTING AND DISPLAYING VARYING LEVELS OF A METAL MELT

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(51) International classification	:B22D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:11 001	<b>1)SMS CONCAST AG</b>
(32) Priority Date	616.9	Address of Applicant :TODISTRASSE 9, 8027, ZURICH
(33) Name of priority country	:28/02/2011	Switzerland
(86) International Application No	:EPO	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)MICHELON, GUIDO</b>
(87) International Publication No	:NA	<b>2)CESTARI, LUCA</b>
(61) Patent of Addition to Application Number	: NA	<b>3)SGRO, ANTONIO</b>
Filing Date	:NA	<b>4)CORSO, FLAVIO DAL</b>
(62) Divisional to Application Number	:NA	<b>5)BORSATO, ENRICO</b>
Filing Date	:NA	

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(57) Abstract :

The invention relates to an apparatus used for detecting and displaying varying levels of a metal melt, for example in a continuous casting mould, a tundish, an ingot or the like.

No. of Pages : 14 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.560/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : CURING AGENT FOR LOW TEMPERATURE CURE APPLICATIONS

(51) International classification :B29C  
(31) Priority Document No :11/584,388  
(32) Priority Date :20/10/2006  
(33) Name of priority country :U.S.A.  
(86) International Application No :NA  
Filing Date :NA  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :2366/CHE/2007  
Filed on :18/10/2007

(71)**Name of Applicant :**  
**1)AIR PRODUCTS AND CHEMICALS, INC.**  
Address of Applicant :7201 HAMILTON BOULEVARD,  
ALLENTOWN, PA 18195-1501 U.S.A.  
(72)**Name of Inventor :**  
**1)WALKER, FREDERICK, HERBERT**  
**2)COOK, MICHAEL, IAN**  
**3)VEDAGE, GAMINI, ANANDA**  
**4)RASING, ROBERT, MARJO, THEODOOR**  
**5)DHOLAKIA, VIPUL, P.**

(57) Abstract :

The present invention relates to a N,N'-dimethyl secondary diamine polymer having a number-average molecular weight (Mn) from about 180 to about 500 and selected from a methylamine-terminated polyoxypropylene polymer, or a polymer having the formula: wherein X is a moiety having the formula: wherein: R1 is a C3- C8 linear or branched alkanediyl; and n comprises integers ranging from greater than 1 through 50, the average of which is determined as a function of Mn.

No. of Pages : 59 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.563/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : CONTROL DEVICE FOR DRIVING MULTI-FUNCTION SPEAKER BY USING DIGITAL MIXING SCHEME AND RELATED CONTROL METHOD THEREOF

(51) International classification	:H04M	(71)Name of Applicant :
(31) Priority Document No	:61/508,507	<b>1)MEDIATEK INC.</b>
(32) Priority Date	:15/07/2011	Address of Applicant :No. 1 Dusing Rd. 1st Science-Based
(33) Name of priority country	:U.S.A.	Industrial Park Hsin-Chu Taiwan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)Lee Po-Yi</b>
(87) International Publication No	: NA	<b>2)Wen Sung-Han</b>
(61) Patent of Addition to Application Number	:NA	<b>3)Yang Chien-Chung</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A control device and an associated method for driving a multi-function speaker supporting a plurality of predetermined functions including at least an audio function and a non-audio function includes a digital signal mixing block and a digital-to-analog block. The digital signal mixing block is arranged for receiving a plurality of digital input signals corresponding to the predetermined functions respectively and generating a digital mixed signal according to the digital input signals. The digital-to-analog block is coupled to the digital signal mixing block for generating an analog driving signal to the multi-function speaker according to the digital mixed signal.

No. of Pages : 35 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.525/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : POWER DISTRIBUTION APPARATUS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:H02J 3/14 :09163880.9 :26/06/2009 :EPO :PCT/IB2010/052787 :21/06/2010 : NA :NA :NA :NA :NA	(71) <b>Name of Applicant :</b> <b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b> Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN 5621 BA NETHERLANDS (72) <b>Name of Inventor :</b> <b>1)VAN VLIET Johannes A.</b> <b>2)KLEIHORST Robert P</b> <b>3)WAGNER Bernhard</b> <b>4)VAN HELVOORT Marinus J. A. M.</b> <b>5)LEYMANN Peter-Christian E. H. H. J.</b> <b>6)OSTENDORF Arno</b>
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(57) Abstract :

The invention relates to an electrical power distribution apparatus (100) connectible to one or more loads (119). The electrical power distribution apparatus (100) comprises inter alia one or more taps (112) for supplying the loads (119) with electrical power. On top of circuit breakers 108 to switch off the power supply in order to protect the loads against damage there is also arranged a second layer of soft fuse switches 110 which are arranged to switch on or off the power supply at the taps (112) to control distribution of the power.

No. of Pages : 30 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.526/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD FOR GENERATING IMAGE DATA OF AN OBJECT UNDER EXAMINATION, PROJECTION DATA PROCESSING DEVICE, X-RAY STSTEM AND COMPUTER PROGRAM

(51) International classification	:A61B
(31) Priority Document No	:102011006579.2
(32) Priority Date	:31/03/2011
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)SIEMENS AKTIENGESELLSCHAFT**  
Address of Applicant :WITTELSBACHERPLATZ 2, 80333  
MUNCHEN Germany  
(72)**Name of Inventor :**  
**1)STEFFEN KAPPLER**  
**2)MARTIN PETERSILKA**

(57) Abstract :

Method for generating image data of an object under examination, projection data processing device, X-ray system and computer program The invention relates to a method for generating image data (BD) of an object under examination (0) from X-ray projection data (P) of the object under examination (0), wherein, before a reconstruction of the image data (BD), the X-ray projection data (P) are subjected to scattered radiation correction on the basis of scattered radiation measured values. Here, the scattered radiation measured values are initially subjected to an extra-focal radiation correction before being used for the scattered radiation correction. The invention also relates to a projection data processing device (C20) for carrying out a method of this kind and an X-ray system (C1), in particular computed tomography system (C1), with a projection data processing device (C20) of this kind.

No. of Pages : 36 No. of Claims : 15



(12) PATENT APPLICATION PUBLICATION

(21) Application No.57/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :05/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND DEVICE FOR IMPROVED MULTI-LAYER DATA COMPRESSION

(51) International classification	:H04N	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:11151350.3	<b>1)RESEARCH IN MOTION LIMITED</b>
(32) Priority Date	:19/01/2011	Address of Applicant :295 PHILLIP STREET,
(33) Name of priority country	:EPO	WATERLOO, ONTARIO, N2L 3W8 Canada
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)HE DAKE</b>
(87) International Publication No	: NA	<b>2)SHAO MINGKAI</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An encoder (900) and method for encoding data in a scalable data compression format are described. In particular, processes for encoding spatially scalable video are described in which the encoder (900) uses downsampled residuals (206) from a full-resolution encoding of the video in its motion estimation process when encoding a base layer video (105) at the base layer resolution. The downsampled residuals (206) may also be used in the coding mode selection process at the base layer (106).

No. of Pages : 35 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.572/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : TRANSMISSION POWER CONTROL METHOD AND MOBILE COMMUNICATION SYSTEM

(51) International classification	:H04L
(31) Priority Document No	:2005-274648
(32) Priority Date	:24/08/2005
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	: NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:1514/CHE/2006
Filed on	:24/08/2006

(71)**Name of Applicant :**  
**1)NTT DoCoMo Inc.**  
Address of Applicant :11-1 Nagatacho 2-chome Chiyoda-ku Tokyo 100-6510 Japan  
(72)**Name of Inventor :**  
**1)USUDA Masafumi**  
**2)UMESH Anil**

(57) Abstract :

A transmission power control method for controlling a transmission power of an E-HICH for uplink user data transmitted from a cell controlled by a radio base station to a mobile station, includes: notifying, from a radio network controller to at least one radio base station controlling a first cell and a second cell, offsets between the transmission power of the E-HICH and a transmission power of a DPCH, when a mobile station is performing a soft-handover with the first and second cell; determining, at the first cell, a transmission power of a first E-HICH based on a notified offset, and transmitting the first E-HICH to the mobile station using the determined transmission power,- and determining, at the second cell, transmission power of a second E-HICH based on a notified offset, and transmitting the second E-HICH to the mobile station using the determined transmission power.

No. of Pages : 56 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.573/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : MOBILE COMMUNICATION DEVICE AND ANTENNA STRUCTURE THEREOF

(51) International classification	:H01Q	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:100106391	<b>1)ACER INCORPORATED</b>
(32) Priority Date	:25/02/2011	Address of Applicant :8F 88 Sec. 1 Hsin Tai Wu Rd.
(33) Name of priority country	:Taiwan	Xizhi Dist. New Taipei City Taiwan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)Kin-Lu Wong</b>
(87) International Publication No	: NA	<b>2)Fang-Hsien Chu</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A mobile communication device having an antenna structure includes a grounding element and an antenna element. The grounding element includes a main ground and a protruded ground being connected to an edge of the main ground. Antenna element includes a feeding portion and a radiating portion. The feeding portion includes a feeding point a first strip and a second strip. The first strip and the second strip are both connected to the feeding point. The radiating portion includes a first open end a second open end and a shorting point which is connected to the protruded ground by a short-circuiting strip. There is a first coupling gap between the first strip and a first section of the radiating portion having the first open end. There is a second coupling gap between the second strip and a second section of the radiating portion having the second open end.

No. of Pages : 24 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4611/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :27/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : STEP STRUCTURE OF SADDLE RIDING TYPE VEHICLE

(51) International classification	:B60N
(31) Priority Document No	:201110005375.3
(32) Priority Date	:05/01/2011
(33) Name of priority country	:China
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)HONDA MOTOR CO., LTD.**  
Address of Applicant :1-1, MINAMI-AOYAMA 2-  
CHOME, MINATO-KU, TOKYO, 107-8556 Japan  
(72)**Name of Inventor :**  
**1)XIONG, FEI**  
**2)FANG, ZHIBIN**  
**3)LONG JIAHE**  
**4)CHEN, HAO**

(57) Abstract :

A step structure of a saddle riding type vehicle, comprising: a pillion step which is supported by a vehicle body frame, which is positioned below a seat on which a driver and a fellow passenger are able to ride, and on which the fellow passenger is able to place a foot; an extending portion which is provided on the vehicle body frame and extends more rearward than a supporting position of the pillion step in a side view; and a sub-step which is provided on the extending portion and is positioned more rearward than the pillion step, and on which the fellow passenger who places the foot on the pillion step is able to place a heel of the foot.

No. of Pages : 21 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.575/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHODS AND APPARATUS TO REPORT LINK QUALITY MEASUREMENTS FOR DOWNLINK DUAL CARRIER OPERATION

(51) International classification	:H04L	(71)Name of Applicant :	
(31) Priority Document No	:11305173.4	<b>1)RESEARCH IN MOTION LIMITED</b>	
(32) Priority Date	:18/02/2011	Address of Applicant :295 PHILLIP STREET,	
(33) Name of priority country	:EPO	WATERLOO, ONTARIO, N2L 3W8 Canada	
(86) International Application No	:NA	(72)Name of Inventor :	
Filing Date	:NA	<b>1)HOLE DAVID PHILIP</b>	
(87) International Publication No	: NA	<b>2)FAURIE RENE</b>	
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

Methods and apparatus to report link quality measurements for downlink dual carrier operation are disclosed. Example methods and apparatus disclosed herein implement one or more example techniques for reporting link quality measurements involving, for example, modifying measurement reporting messages to increase the number and/or types of link quality measurements that can be reported, permitting mobile stations, when appropriate, to use different reporting messages capable of supporting more link quality measurements, and/or prioritizing certain link quality measurements to be reported when the reporting messages do not contain sufficient space to report all requested and/or specified link quality measurements.

No. of Pages : 99 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.579/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : DIGITAL IMAGE SUBTRACTION

(51) International classification :G06T 5/50  
(31) Priority Document No :09164134.0  
(32) Priority Date :30/06/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/052825  
Filing Date :22/06/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)VON BERG Jens**

(57) Abstract :

A system for generating a digital subtraction image of at least two input images. The system comprises a registration subsystem (1) for generating a plurality of different registrations of the input images (7, 8), based on different values of a registration parameter (6). The system further comprises a subtraction subsystem (2) for generating a plurality of subtracted images by subtracting the input images in accordance with respective ones of the plurality of registrations. The system further comprises a combining subsystem (3) for combining the plurality of subtracted images into a combined subtracted image (9). The registration parameter (6) represents an assumed depth of an object which is visible in the input images (7, 8). The combining subsystem (3) is arranged for assigning a combined pixel value to a pixel position of the combined subtracted image, based on pixel values of or around corresponding pixel positions in the plurality of subtracted images.

No. of Pages : 14 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.58/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :05/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND APPARATUS FOR HEAT TREATING A METAL

(51) International classification	:C23C	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:61/431179	<b>1)AIR PRODUCTS AND CHEMICALS, INC.</b>
(32) Priority Date	:10/01/2011	Address of Applicant :7201 HAMILTON BOULEVARD,
(33) Name of priority country	:U.S.A.	ALLENTOWN, PA 18195-1501 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)ZURECKI, ZBIGNIEW</b>
(87) International Publication No	: NA	<b>2)WANG, XIAOLAN</b>
(61) Patent of Addition to Application Number	:NA	<b>3)PLICHT, GUIDO</b>
Filing Date	:NA	<b>4)GREEN, JOHN, LEWIS</b>
(62) Divisional to Application Number	:NA	<b>5)WEHR-AUKLAND, ANNA, K.</b>
Filing Date	:NA	

(57) Abstract :

Described herein is a method that can be used for heat treating a metal in at least one of the following processes: carburizing, carbonitriding, nitrocarburizing, and neutral carbon potential annealing operations that are used in a 1 atmosphere pressure furnace and in an atmosphere that is oxygen free and comprises nitrogen and at least one hydrocarbon.

No. of Pages : 31 No. of Claims : 6

(54) Title of the invention : MAGNETIC SENSOR DEVICE&NBSP; METHOD OF OPERATING SUCH A DEVICE AND SAMPLE

(51) International classification	:G01N 33/543	(71)Name of Applicant :	
(31) Priority Document No	:09164234.8	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.	
(32) Priority Date	:30/06/2009	Address of Applicant :GROENEWOUDSEWEG 1	
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS	
(86) International Application No	:PCT/IB2010/052880	(72)Name of Inventor :	
Filing Date	:24/06/2010	1)VAN LANKVELT Petrus J. W.	
(87) International Publication No	: NA	2)DITTMER Wendy U.	
(61) Patent of Addition to Application Number	:NA	3)DE THELJE Femke K.	
Filing Date	:NA	4)IMMINK Albert H. J.	
(62) Divisional to Application Number	:NA	5)NIEWENHUIS Jeroen H.	
Filing Date	:NA		

(57) Abstract :

A sensor device (1) for detecting the presence of a target molecule (20) in a sample, is disclosed. The sensor device comprises a measurement sensor (2) comprising a first moiety (16) for forming a binding couple with a first further moiety comprising the target molecule (20) and a detectable label (40) and a reference sensor (3) comprising a second moiety (50) for forming a further binding couple with a second further moiety comprising a further detectable label (40<sup>TM</sup>). The sensor device is adapted to generate a first detection signal (14) from the detection of the detectable label (40) in the first further moiety bound to the first moiety (16) and to generate a second detection signal (14<sup>TM</sup>) from the detection of the further detectable label (40<sup>TM</sup>) in the second further moiety bound to the second moiety (50), wherein at least during operation of the sensor device the second further moiety is expected to be present in a predefined amount such that the value of the second detection signal (14<sup>TM</sup>) falls within an expected signal value window when the binding reaction of the second further moiety to the second moiety takes place as expected. An apparatus comprising such a sensor device, methods of operating the sensor device and apparatus and a sample for use with the sensor device are also disclosed.

No. of Pages : 34 No. of Claims : 15



(12) PATENT APPLICATION PUBLICATION

(21) Application No.521/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : A METHOD FOR COMMUNICATING IN A MOBILE NETWORK

(51) International classification :H04W 72/04  
(31) Priority Document No :09163832.0  
(32) Priority Date :25/06/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/052673  
Filing Date :15/06/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
**2)SHARP KABUSHIKI KAISHA**  
(72)**Name of Inventor :**  
**1)MOULSLEY Timothy James**  
**2)CHIAU Choo Chiap**  
**3)TESANOVIC Milos**  
**4)DAVIES Rob J.**

(57) Abstract :

The present invention relates to a method or communicating between a primary station and a plurality of secondary stations comprising the primary station providing a plurality of resource sets the primary station configuring a secondary station to search for a control channel on at least one of a plurality of search spaces each corresponding to a resource set wherein at least part of one of the search spaces is used to transmit a control message to a secondary station the control message being indicative of a resource allocated to the secondary station for transmitting to the primary station or receiving from the primary station data and wherein the secondary station deduces from the part of the search space used for transmitting the control message an indication of the resource set from the plurality of resource sets within which the allocated resource is located.

No. of Pages : 17 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.582/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : A GRID FOR ILLUMINATION APPARATUS

(51) International classification	:F21V 11/06	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:200910139802.X	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:30/06/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:China	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/052950	(72) <b>Name of Inventor :</b>
Filing Date	:29/06/2010	<b>1)LIU Yong</b>
(87) International Publication No	: NA	<b>2)YIP Kun-Wah</b>
(61) Patent of Addition to Application Number	:NA	<b>3)LOU Di</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to illumination especially to a grid for illumination apparatus. This invention provides a grid for attenuating electromagnetic radiation from a light source. The grid comprises a plurality of baffles each baffle being electro conductive wherein the plurality of baffles are configured to form a plurality of cells each cell being formed as a waveguide so as to attenuate the electromagnetic radiation from the light source. In this way the electromagnetic radiation from the light source can be reduced or prevented so as to decrease the danger to users.

No. of Pages : 19 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.583/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : CONTROLLING PIT FORMATION IN A III-NITRIDE DEVICE

(51) International classification	:H01L 33/00
(31) Priority Document No	:12/495258
(32) Priority Date	:30/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/052364
Filing Date	:27/05/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
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**2)PHILIPS LUMILEDS LIGHTING COMPANY LLC**  
(72)**Name of Inventor :**  
**1)YI Sungsoo**  
**2)GARDNER Nathan F.**  
**3)YE Qi Laura**

(57) Abstract :

A device includes a semiconductor structure comprising a III-nitride light emitting layer disposed between an n-type region and a p-type region and a plurality of layer pairs disposed within one of the n-type region and the p-type region. Each layer pair includes an InGaN layer and pit-filling layer in direct contact with the InGaN layer. The pit-filling layer may fill in pits formed in the InGaN layer.

No. of Pages : 12 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.584/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : P-CONTACT LAYER FOR A III-P SEMICONDUCTOR LIGHT EMITTING DEVICE

(51) International classification :H01L 33/30  
(31) Priority Document No :12/494988  
(32) Priority Date :30/06/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/052367  
Filing Date :27/05/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
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**2)PHILIPS LUMILEDS LIGHTING COMPANY LLC**  
(72)**Name of Inventor :**  
**1)CHUNG Theodore**  
**2)MUNKHOLM Anneli**

(57) Abstract :

A device includes a semiconductor structure with at least one III-P light emitting layer disposed between an n-type region and a p-type region. The semiconductor structure further includes a GaAsxP1-x p-contact layer wherein  $x < 0.45$ . A first metal contact is in direct contact with the GaAsxP1-x p-contact layer. A second metal contact is electrically connected to the n-type region. The first and second metal contacts are formed on a same side of the semiconductor structure.

No. of Pages : 12 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.585/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : PUSH/TRACKING SEQUENCES FOR SHEAR WAVE DISPERSION VIBROMETRY

(51) International classification	:A61B8/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:61/221831	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:30/06/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:U.S.A.	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/052852	(72) <b>Name of Inventor :</b>
Filing Date	:23/06/2010	<b>1)XIE Hua</b>
(87) International Publication No	: NA	<b>2)FERNANDEZ Anna Teresa</b>
(61) Patent of Addition to Application Number	:NA	<b>3)BURCHER Michael R.</b>
Filing Date	:NA	<b>4)MAXWELL Doug</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Shear Wave Dispersion Vibrometry (SDUV) is performed such that after a single instance of their push pulse (218) a plurality of tracking pulses (222) are issued to sample more than once each of a plurality of locations (120 148) on an associated monochromatic shear wave (116) in sampling that at least one of scans the plural locations in separate passes and with a pulse of the plural tracking pulses samples multiple ones of the plural locations concurrently. In a supplementary aspect phase difference for a given moment is determined by taking into account intersample delay (156) if the determination relies on samples that are taken at different times.

No. of Pages : 27 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5858/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :12/08/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : IMAGE DISPLAY DEVICE AND IMAGE DISPLAY METHOD

(51) International classification :G09G3/36,  
G02F1/133,  
G09G3/20  
(31) Priority Document No :2009-009006  
(32) Priority Date :19/01/2009  
(33) Name of priority country :Japan  
(86) International Application No :PCT/JP2010/050445  
Filing Date :16/01/2010  
(87) International Publication No :WO 2010/082641  
A1  
(61) Patent of Addition to Application  
Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :  
**1)SHARP KABUSHIKI KAISHA**  
Address of Applicant :22-22, NAGAIKE-CHO, ABENO-  
KU, OSAKA-SHI, OSAKA 545-8522 Japan  
(72)Name of Inventor :  
**1)KONDOH, NAOKO**  
**2)GOTOH, TOSHIYUKI**  
**3)TETSUKA, YASUSHI**

(57) Abstract :

Provided are an image display device and an image display method capable of reducing a fear of degradation of the original image quality caused by excessively suppressing uneven luminance or uneven color. The occurrence of the halo phenomenon caused in a display panel unit is detected in a liquid crystal display device that displays an image in the display panel unit including color filters of a plurality of colors by respectively controlling emission ratios of a plurality of LEDs emitting lights of colors respectively corresponding to the plurality of color filters. Upon detection, a part of the display panel unit, for example, the channel number (30) which is displayed as an OSD image and the vicinity (30A) thereof are set as a non-detection area in which the detection of the occurrence of the halo phenomenon is restricted and the remaining area is set as a detection area. The chroma of light, which corresponds to mixed light from the plurality of LEDs and to be made incident upon the color filters, is reduced by controlling the emission ratios of the LEDs on the basis of the detection result in the detection area, so that the color of light is closer to white.

No. of Pages : 55 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.586/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : LIGHT EMITTING DIODE CIRCUIT FOR AMBIENT LIGHT

(51) International classification :H01L 33/48

(31) Priority Document No :09164117.5

(32) Priority Date :30/06/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/052854

Filing Date :23/06/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

**1)BRUYNEEL Filip Marcel Denise**

**2)LANOYE Lieve**

**3)PEETERS Alfred**

**4)SEYNAEVE Dirck**

**5)DELVA Pieter Jan**

**6)DE MEY Jens**

(57) Abstract :

A light emitting diode circuit (10) comprises a die with a light emitting diode for providing first ambient light (11) originating from a top side of the die and for providing second ambient light (12) originating from a bottom side of the die, to avoid complex and color dependent reflecting surfaces and to use the light more efficiently. The die may be placed on a substrate, planes of the die and the substrate being non-parallel planes, and the die may be at least partly surrounded by an at least partly transparent housing. A device (1) comprises the light emitting diode circuit (10) and a display / screen (2) supported by the first ambient light (11) having a first function like a support at a left / right / rear side of the device (1) and supported by the second ambient light (12) having a second function like a support at a left / right / front side of the device (1).

No. of Pages : 13 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.587/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : PERSONAL CARE APPARATUS

(51) International classification :B26B19/02  
(31) Priority Document No :09164097.9  
(32) Priority Date :30/06/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/052898  
Filing Date :24/06/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :  
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(72)Name of Inventor :  
**1)BROEKHUIZEN Alma**  
**2)BEUGELS Johannes**  
**3)VAN STRAATEN Roland**  
**4)HOEXUM Everhardus Johannes**  
**5)HOMAN Pascal**  
**6)KLOK Andre**

(57) Abstract :

A personal care apparatus (101) is presented, comprising a housing (117). This housing has a longitudinal axis (108) and is provided with a first end portion (102) and a second end portion (105). The first end portion (102) has a first end (103) having a first device configured for performing a function related to personal care (104). The second end portion (105) has a second end (106) having a second device configured for performing a function related to personal care (107). Said end portions (102, 105) are located in accordance with the longitudinal axis (108), and said ends (103, 106) are configured for pointing in different directions (114, 115). The first end portion (102) and the second end portion (105) are rotatable over an axis of rotation with respect to each other, which axis of rotation approximately corresponds to the longitudinal axis (108). This personal care apparatus allows the user to easily prevent the not in use device to have unintended interference with the user<sup>TM</sup>s skin or hairs. The personal care apparatus is very user friendly.

No. of Pages : 16 No. of Claims : 10



(12) PATENT APPLICATION PUBLICATION

(21) Application No.588/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : RELEVANCE FEEDBACK FOR CONTENT-BASED IMAGE RETRIEVAL

(51) International classification :G06F17/00

(31) Priority Document No :09164122.5

(32) Priority Date :30/06/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/052845

Filing Date :23/06/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

**1)AKGUL Ceyhun Burak**

**2)EKIN Ahmet**

(57) Abstract :

The invention relates to a system (100) for retrieving an image from image storage means the system comprising: a retrieval unit (110) for retrieving a plurality of images from image storage means on the basis of similarity between said images from image storage means and a query image wherein the similarity is defined by a similarity function

No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4132/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : ELECTRICAL SWITCH AND CIRCUIT BREAKER

(51) International classification	:H01L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:NA	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:NA	NEW YORK 12345 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BOHORI, ADNAN KUTUBUDDIN
(87) International Publication No	: NA	2)NAYAK, MOHANDAS
(61) Patent of Addition to Application Number	:NA	3)KUMAR, SUNDEEP
Filing Date	:NA	4)PARAKALA, PADMAJA
(62) Divisional to Application Number	:NA	5)REDDY, SUDHAKAR EDDULA
Filing Date	:NA	

(57) Abstract :

An electrical switch and a circuit breaker are presented herein. The electrical switch includes a graded resistance block comprising a first end having a first electrical resistivity and a second end having an electrical resistivity greater than the first electrical resistivity. The electrical switch further includes a fixed contact electrically coupled to the first end of the graded resistance block, and a sliding contact configured to slide over the graded resistance block. In addition to the components of the electrical switch, the circuit breaker also includes a forcing mechanism to slide the sliding contact over the graded resistance block from the first end to the second end.

No. of Pages : 26 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.599/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :19/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : NETWORK RELAY DEVICE AND NETWORK RELAY METHOD•

(51) International classification	:401L	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-112021	<b>1)ALAXALA NETWORKS CORPORATION</b>
(32) Priority Date	:19/05/2011	Address of Applicant :890 Kashimada Saiwai-ku
(33) Name of priority country	:Japan	Kawasaki Kanagawa 212-0058 Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)Masaya ARAI</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A network relay device relays data in a layer 2 network. The network relay device includes first and second communication ports a snooping module a transfer information storage unit a multicast sending module a failure detector and a port adding module. The snooping module generates snooping information. The snooping information correlates the first communication port set to a multicast transfer port to a destination MAC address. The multicast sending module refers to the snooping information stored in the transfer information storage unit and sends a multicast frame received from the layer 2 network from the correlated multicast transfer port. The failure detector detects a communication failure in the layer 2 network. The port adding module additionally in response to detection of the communication failure by the failure detector set the second communication port in addition to the first communication port to the multicast transfer port.

No. of Pages : 62 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6017/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/08/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : HIGHLY COMPACTABLE AND DURABLE DIRECT COMPRESSION EXCIPIENTS AND EXCIPIENT SYSTEMS•

(51) International classification :A61K9/70  
(31) Priority Document No :61/158,566  
(32) Priority Date :09/03/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2010/000701  
Filing Date :09/03/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :  
**1)SPI PHARMA INC.**  
Address of Applicant :503 Carr Road Suite 210 Wilmington  
DE 19809 U.S.A.  
(72)Name of Inventor :  
**1)TILLOTSON John**  
**2)PROPST Cecil**

(57) Abstract :

The present invention relates to solid dispersions including, but not limited to, co-processed carbohydrates with different solubilities and concentrations, which have a microcrystalline plate structure. The solid dispersions, excipient systems and formulations of the present invention are highly compactable and durable and when compressed into solid dosage forms demonstrate uniform densification, low friability at low pressures, and and/or relatively constant low disintegration times at various hardnesses. The solid dosage forms of the present invention demonstrate superior organoleptics, disintegration, and/or robustness.

No. of Pages : 94 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(21) Application No.602/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : PROGRAM, INFORMATION PROCESSING APPARATUS AND INFORMATION PROCESSING METHOD TO CHANGE LOCATION INFORMATION OF SLIDESHOW

(51) International classification

:B65B

(31) Priority Document No

:2011-

040716

(32) Priority Date

:25/02/2011

(33) Name of priority country

:Japan

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)SONY CORPORATION**

Address of Applicant :1-7-1 KONAN, MINATO-KU,

TOKYO Japan

(72)Name of Inventor :

**1)KAZUMA IGARI**

(57) Abstract :

An information processing apparatus includes a control unit that retrieves control information for reproducing a plurality of content data. The control information includes order information indicating an order of reproduction of the plurality of content data. The control information also includes location information indicative of a location of the plurality of content data. In addition, the control unit controls a communication unit to send a signal to transfer content data to an address associated with a remote device. Further, the control unit changes the location information in the control information to another location information indicating a location of the plurality of content data sent to the remote device. The control unit additionally controls the communication unit to send the changed control information.

No. of Pages : 60 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.605/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : PAGE DESIGNER WITH CUSTOMIZATION CONSTRAINTS

(51) International classification	:G06F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:13/032,435	<b>1)Accenture Global Services Limited</b>
(32) Priority Date	:22/02/2011	Address of Applicant :3 Grand Canal Plaza Grand Canal
(33) Name of priority country	:U.S.A.	Street Upper Dublin 4 Ireland
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)Naima Aman</b>
(87) International Publication No	: NA	<b>2)Joan McGraw</b>
(61) Patent of Addition to Application Number	:NA	<b>3)Kathleen Devlin</b>
Filing Date	:NA	<b>4)Jeremy Van Cuylenburg</b>
(62) Divisional to Application Number	:NA	<b>5)Matthew R. Foster</b>
Filing Date	:NA	

(57) Abstract :

A page design system addresses the need to impart flexibility into the design and customization of graphical user interfaces for applications. The graphical user interface includes pages and display groups within each page and the page design system permits each individual page to be modified to suit the needs of a particular customer. So that the pages do not depart from their fundamental purpose to too great of an extent the page design system guides and constrains the modifications to each page. In particular the page design system constrains customization of each display group according to established definitions of admissible graphical user interface elements that are appropriate for each page and each display group of elements within the page.

No. of Pages : 44 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.61/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :05/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : INTERNAL GAS PRESSURE METHOD FOR PRODUCING PLASTIC PARTS

(51) International classification	:B29C	(71)Name of Applicant :
(31) Priority Document No	:10	<b>1)Linde Aktiengesellschaft</b>
(32) Priority Date	2011008260.3	Address of Applicant :Klosterhofstr. 1 80331 MÃ¼nchen
(33) Name of priority country	:11/01/2011	Germany; Germany
(86) International Application No	:Germany	(72)Name of Inventor :
Filing Date	:NA	<b>1)ANDREAS Praller</b>
(87) International Publication No	:NA	<b>2)MIKAEL OrsÃ¡n</b>
(61) Patent of Addition to Application Number	:NA	<b>3)MARCEL Op de Laak</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for producing a molded part wherein a molten polymer is introduced into a mold space of a molding tool and liquid carbon dioxide with a pressure of at least 150 bar preferably with a pressure of at least 200 bar or at least 250 bar is supplied to the mold space whereby the polymer is pressed against the walls of the mold space and a space is formed in the polymer.

No. of Pages : 16 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.614/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : ROTARY ELECTRIC MACHINE

(51) International classification	:H02K	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-228876	<b>1)KABUSHIKI KAISHA YASKAWA DENKI</b>
(32) Priority Date	:18/10/2011	Address of Applicant :2-1, KUROSAKI-SHIROISHI,
(33) Name of priority country	:Japan	YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA 806-
(86) International Application No	:NA	0004 Japan
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)SHIMONO, HIROFUMI</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A rotary electric machine according to embodiments includes a tubular motor frame, a tubular motor cover, and a cooling fan. The motor frame includes therein a stator and a rotor. The motor cover houses the motor frame and includes a suction hole for cooling air at its counter-load side and an exhaust hole at its load side. Herein, the exhaust hole turns the exhaust direction of the cooling air to the counter-load side. The cooling fan sucks the cooling air from the suction hole into the motor cover and exhausts the cooling air from the exhaust hole to the outside of the motor cover.

No. of Pages : 30 No. of Claims : 6



(12) PATENT APPLICATION PUBLICATION

(21) Application No.614/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : COLONOGRAPHY

(51) International classification	:A61B6/03
(31) Priority Document No	:61/222151
(32) Priority Date	:01/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/052653
Filing Date	:14/06/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
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(72)**Name of Inventor :**  
**1)VIRMANI Sunny**

(57) Abstract :

A system includes an insufflator (120) and an imaging system (100). The imaging system (100) includes a console (118). The console (118) and the insufflator (120) are in communication. The console (118) controls operation of the insufflator (120).

No. of Pages : 17 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.615/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : MOTORCYCLE TIRE

(51) International classification :B60C  
(31) Priority Document No :2011-040431  
(32) Priority Date :25/02/2011  
(33) Name of priority country :Japan  
(86) International Application No :NA  
Filing Date :NA  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
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CHOME, CHUO-KU, KOBE-SHI, HYOGO 651-0072 Japan  
(72)**Name of Inventor :**  
**1)MATSUNAMI, TOSHIYUKI**

(57) Abstract :

A motorcycle tire comprises a tread portion grooved so that twenty narrow annular zones thereof each have a land ratio of 70 to 90 %, wherein the twenty narrow annular zones are defined by equally dividing the developed tread width along the tread face by twenty, on each side of the tire equator, main oblique grooves and auxiliary oblique grooves are arranged alternately in the tire circumferential direction and inclined to one tire circumferential direction. The main oblique grooves on each side of the tire equator extend beyond the tire equator to have axially inner ends located on the other side of the tire equator. The auxiliary oblique grooves on each side of the tire equator do not extend beyond the tire equator to have axially inner ends located on the same side of the tire equator.

No. of Pages : 34 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.615/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : LOW COST-LOW PROFILE LEAD SET CONNECTOR

(51) International classification :H01R13/24  
(31) Priority Document No :61/222135  
(32) Priority Date :01/07/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/052654  
Filing Date :14/06/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
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(72)**Name of Inventor :**  
**1)MAKIE Francis Kusti**

(57) Abstract :

A patient worn medical monitoring device (10) includes a multi-channel electrical connector (18) for connecting a lead set (22) to a monitoring unit (16) is able to wirelessly transmit a patient<sup>TM</sup>s physiological data over a telemetric link to a receiver unit for remote monitoring purposes. The multi-channel electrical connector includes first and second connector elements (40 42) disposed on either one of the monitoring unit or lead set. The first connector element includes a plurality of rigid pins (44) disposed between a plurality of ribs (50). The second connector element includes a compressible substrate carrying flexible electrically conductive pads (46) that flex independently of one another. The connector elements are configured to such that the pins of the first connector element electrically engage the flexible electrically conductive pads of the second connector element.

No. of Pages : 20 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.527/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : A METHOD FOR COMMUNICATING IN A MOBILE NETWORK IMPLEMENTING DISCONTINUOUS RECEPTION

(51) International classification :H04W 76/04  
(31) Priority Document No :09163954.2  
(32) Priority Date :26/06/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/052738  
Filing Date :17/06/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :  
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**2)SHARP KABUSHIKI KAISHA**  
(72)Name of Inventor :  
**1)DAVIES Rob J.**  
**2)MOULSLEY Timothy James**  
**3)TESANOVIC Milos**

(57) Abstract :

The present invention relates to a method for operating a network comprising a primary station communicating with a plurality of secondary stations the method comprising the primary station communicating with a secondary station in a discontinuous mode; the secondary station transmitting to the primary station a control message based on the current status of the secondary station; the primary station changing a parameter of the discontinuous mode based on the control message.

No. of Pages : 16 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.617/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : CLOSED LOOP WORKFLOW

(51) International classification	:G06F19/00
(31) Priority Document No	:61/222132
(32) Priority Date	:01/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/052715
Filing Date	:16/06/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
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Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
**2)THE UNIVERSITY OF CHICAGO**  
(72)**Name of Inventor :**  
**1)SELTZER Paul**  
**2)CHANG Paul J.**

(57) Abstract :

A system includes an orchestrator (114) with a processor (116) and a plurality of processing actors (102) in communication therewith. The processor (116) orchestrates closed-loop implementation of a healthcare imaging workflow plan by the plurality of processing actors (102).

No. of Pages : 24 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION

(21) Application No.618/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : MANAGING TEST AUTOMATION

(51) International classification	:G06F
(31) Priority Document No	:201110047122.2
(32) Priority Date	:28/02/2011
(33) Name of priority country	:China
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)SAP AG**  
Address of Applicant :DIETMAR-HOPP-ALLEE 16, 69190  
WALLDORF Germany  
(72)**Name of Inventor :**  
**1)ZICHENG LI**  
**2)XUE BAI**

(57) Abstract :

Systems, methods and computer program products relating to test automation management are described. In some aspects, a request for initiating at least one test automation task is received by an electronic computing device from a mobile device. A web service associated with the received request and at least one automation tool are identified. At least one automation tool is launched in response to the received request. The launched at least one automation tool executes at least one test script based on the received request, the at least one test script can include a sequence of instructions. Test data are loaded based on at least a portion of the executed a sequence of instructions for the at least one test automation task, and one or more test results associated with the executed at least one test script are stored.

No. of Pages : 38 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.618/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : DETUNABLE RF RECEPTION ANTENNA DEVICE

(51) International classification :H01L25/16

(31) Priority Document No :09164554.9

(32) Priority Date :03/07/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/052795

Filing Date :21/06/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

**1)VAN HELVOORT Marinus Johannes Adrianus  
Maria**

**2)DEN BOEF Johannes Hendrik**

**3)VAN LIERE Filips**

**4)DE VRIES Lambertus**

(57) Abstract :

The invention relates to a RF reception antenna device (10) for receiving MR signals in a MR imaging system. The device (10) comprises a RF resonant circuit including a RF reception antenna (15) for picking up the MR signals and a RF amplifier (17) connected at its input to the RF resonant circuit for amplifying the picked up MR signals. The invention proposes to make provision for a detection circuit (18) configured to derive a switching signal from an output signal of the RF amplifier (17). A switching circuit (19) is responsive to the switching signal wherein the switching circuit (19) is configured to switch the RF resonant circuit between a resonant mode and a non-resonant (i.e. detuned) mode.

No. of Pages : 15 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.619/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : FORWARDING DATA FROM SERVER TO DEVICE

(51) International classification	:H01L	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:13/032,644	<b>1)SAP AG</b>
(32) Priority Date	:23/02/2011	Address of Applicant :DIETMAR-HOPP-ALLEE 16, 69190
(33) Name of priority country	:U.S.A.	WALLDORF Germany
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)VIKAS LAMBA</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Various embodiments of systems and methods for forwarding data from a continuation server to handheld devices are disclosed. At the continuation server, protocol connections established from the handheld devices is received. A stack is created on the continuation server, which stores a status of each protocol connection received. The status indicates an availability of the protocol connection between the corresponding handheld device and the continuation server. The connectivity between the continuation server and the handheld device is maintained. Once a data notification is received by the continuation server, the stack is invoked to retrieve the status of each protocol connection. The data notification may include an availability of data to be downloaded to the handheld devices. Based upon the availability of the protocol connections between the continuation server and the handheld devices, the data notification and the available data are forwarded from the continuation server to the corresponding handheld devices.

No. of Pages : 38 No. of Claims : 20



(12) PATENT APPLICATION PUBLICATION

(21) Application No.518/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : APPARATUS AND METHOD FOR A REMOVABLE MEMORY MODULE

(51) International classification	:C23C	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:13/045891	<b>1)NOKIA CORPORATION</b>
(32) Priority Date	:11/03/2011	Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo
(33) Name of priority country	:U.S.A.	Finland
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)Heikki Antero Laaksonen</b>
(87) International Publication No	: NA	<b>2)Timo Juha Hänninen</b>
(61) Patent of Addition to Application Number	:NA	<b>3)John Samuels</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In accordance with an example embodiment of the present invention, an apparatus is provided, comprising: a first part configured to receive a first and second removable memory module, a second part coupled with the first part with a hinge, and conductive terminals configured to contact the first removable memory module in a first closed position and the second removable memory module in a second closed position.

No. of Pages : 28 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.518/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : HOME AUTOMATION SYSTEM AND METHOD FOR CONTROLLING THE SAME

(51) International classification :H05B 37/02

(31) Priority Document No :09163714.0

(32) Priority Date :25/06/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/052753

Filing Date :18/06/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

**1)MCCORMACK James J. A.**

(57) Abstract :

The invention relates to a home automation system and a method for controlling the same. In order to stably control a continuing concerted adjustment action of a continuously variable parameter by means of few and low-sized commands in order to avoid overloading of a low-data rate network while providing means for fast and unobtrusive correction of failures due to missed commands it is provided a method for controlling a wireless home automation system the home automation system being arranged as a network comprising at least one controller and a plurality of devices wherein the method comprises the steps of sending a start command from the controller to a group of devices comprising an action type and a transaction ID and sending a stop command from the controller to the devices comprising the transaction ID and a controller counter.

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.620/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : COMPRESSOR

(51) International classification	:B01D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-036390	<b>1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI</b>
(32) Priority Date	:22/02/2011	Address of Applicant :2-1, TOYODA-CHO, KARIYA-SHI, AICHI-KEN Japan
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)NAKASHIMA, AKIHIRO</b>
Filing Date	:NA	<b>2)SATO, SHINICHI</b>
(87) International Publication No	: NA	<b>3)SAIKI, AKIO</b>
(61) Patent of Addition to Application Number	:NA	<b>4)KOBAYASHI, KAZUO</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A compressor 101 compressing refrigerant including lubricating oil includes, on the discharge side thereof, a first oil separation chamber 12c for separating the lubricating oil by generating a swirling flow in the refrigerant. The first oil separation chamber 12c includes: cylindrical side circumferential walls 12c1 and 22c1; an inflow port 12a2 that is formed in the side circumferential wall 12c1 and causes the refrigerant to flow into the first oil separation chamber 12c; and a guiding plate 10a extending from the side circumferential wall 12c1. The guiding plate 10a extends so as to face the inflow port 12a2 in a direction where the refrigerant flows from the inflow port 12a2 into the first oil separation chamber 12c, and so as to deflect the refrigerant flow from the inflow port 12a2 to guide it along the inner circumferential surface 12cla of the side circumferential wall 12c1.

No. of Pages : 57 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.620/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : LOW COST POWER SUPPLY CIRCUIT AND METHOD

(51) International classification :H02M3/335  
(31) Priority Document No :09164493.0  
(32) Priority Date :03/07/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/052953  
Filing Date :29/06/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
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(72)**Name of Inventor :**  
**1)VAN DER VEEN Geert Willem**  
**2)SNELTEN Jeroen**

(57) Abstract :

A power supply circuit has an LLC converter stage for converting a DC voltage input into a DC voltage output and at least one hysteretic converter stage. Each hysteretic converter stage has a DC voltage input coupled to the DC voltage output of the LLC converter stage and a DC current output. The LLC converter stage lacks a feedback control and is operated at its load independent point. A ripple on the DC voltage output of the LLC converter does not affect the output current of the hysteretic converter stage. The stable DC current output of the hysteretic converter stage is coupled to a load having one or more LED strings.

No. of Pages : 15 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.621/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : MEASURING DEVICE FOR MEASUREMENT OF PARAMETERS IN MOLTEN MASSES

(51) International classification	:G02B	(71) <b>Name of Applicant :</b>
	:10 2011	<b>1)HERAEUS ELECTRO-NITE INTERNATIONAL N.V.</b>
(31) Priority Document No	012 174.9-	Address of Applicant :CENTRUM ZUID 1105, B-3530
	52	HOUTHAIEN Belgium
(32) Priority Date	:23/02/2011	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Germany	<b>1)CUYPERS, JAN</b>
(86) International Application No	:NA	<b>2)STRAETEMENS, MARC</b>
Filing Date	:NA	<b>3)INDEHERBERGE, VALERE</b>
(87) International Publication No	: NA	<b>4)HOUBREGS, MAURICE</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a measuring device for measurement of parameters in molten masses, in particular for measuring the temperature, in particular in molten metal or molten cryolite masses having a melting point above 500 °C, having an optical fibre for taking up radiation from the molten mass and having a cable reel that comprises an external circumference for taking up the optical fibre and an internal space that is surrounded by said external circumference, characterised in that a distributor and a mode filter for the optical fibre are arranged in the internal space.

No. of Pages : 12 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.467/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :08/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : MANUFACTURING METHOD OF ROTATING ELECTRIC MACHINE AND ROTATING ELECTRIC MACHINE

(51) International classification	:H02K	(71)Name of Applicant :
(31) Priority Document No	:2011-1958352	<b>1)KABUSHIKI KAISHA YASKAWA DENKI</b>
(32) Priority Date	:07/09/2011	Address of Applicant :2-1, KUROSAKI-SHIROISHI,
(33) Name of priority country	:Japan	YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA 806-
(86) International Application No	:NA	0004 Japan
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)SAJIKAWA, YUJI</b>
(61) Patent of Addition to Application Number	:NA	<b>2)OKAHISA, MANABU</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A manufacturing method of a rotating electric machine according to an embodiment includes forming a stator by selectively attaching any one of a first stator winding and a second stator winding to a stator core, forming a rotor to be arranged on an inner periphery of the stator to face the stator, and arranging the stator and the rotor in a housing.

No. of Pages : 25 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.622/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : IMAGE WITH OVERLAY GRAPHIC RETARGETING

(51) International classification	:G06T3/40	(71)Name of Applicant :
(31) Priority Document No	:09305651.3	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:06/07/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/053051	(72)Name of Inventor :
Filing Date	:02/07/2010	1)PEETERS Mathias Hubertus Godefrida
(87) International Publication No	: NA	2)VINK Jelte Peter
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for retargeting an image being defined by a matrix of pixels and comprising an overlay graphic comprises: extracting (11) the overlay graphic from the image; modifying (13) the image by replacing the pixels at the location of the overlay graphic with pixels neutral to an energy function; calculating (15) a saliency map of the modified image based on the pixel energy function; retargeting (17) the modified image based on the saliency map; adding back (19) the overlay graphic to the retargeted image.

No. of Pages : 14 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.623/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : AMMONIA PRECURSOR STORAGE SYSTEM INCLUDING A SEMI-PERMEABLE MEMBRANE

(51) International classification	:B01D	(71)Name of Applicant :
(31) Priority Document No	:11155277.4	<b>1)INERGY AUTOMOTIVE SYSTEMS RESEARCH</b>
(32) Priority Date	:22/02/2011	<b>(SOCIETE ANONYME)</b>
(33) Name of priority country	:EPO	Address of Applicant :RUE DE RANSBEEK, 310, B-1120
(86) International Application No	:NA	BRUXELLES Belgium
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)GEORIS, PHILIPPE</b>
(61) Patent of Addition to Application Number	:NA	<b>2)LE CLEC'H, NICOLAS</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system for storing an ammonia precursor, comprising: - a tank configured to hold the ammonia precursor, - a filler opening closed by a cap, said cap being removable for refilling the tank; and - a semi-permeable membrane positioned within said cap, wherein the semi-permeable membrane is configured to block liquid from the ammonia precursor and configured to allow air and vapours from the ammonia precursor to pass there through when the cap is closing the filler opening, and wherein when the cap is closing the filler opening, a pathway allowing a substantial amount of vapours to escape from the tank to the atmosphere is provided so that the total internal volume of the reservoir (1) divided by the flow rate through the membrane at 10 mbar (1/h) is lower than 20 h.

No. of Pages : 13 No. of Claims : 15



(12) PATENT APPLICATION PUBLICATION

(21) Application No.623/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : DEVICE COMPRISING A BOILER FOR CONTAINING AND HEATING A LIQUID AND A SYSTEM FOR CONTAINING THE LIQUID AT A LOWER TEMPERATURE

(51) International classification :F24H9/12  
(31) Priority Document No :09164611.7  
(32) Priority Date :06/07/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/052797  
Filing Date :21/06/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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(72)Name of Inventor :  
**1)LUBBERS Matthijs Hendrikus**  
**2)TAEKEMA Harko Jan**  
**3)TEN BERGE Jasper Nicolaas**

(57) Abstract :

A device comprises a boiler for containing and heating a liquid; and a cool liquid system that is in liquid communication with the boiler and that is intended to contain relatively cold liquid. During operation of the device the boiler is activated such as to heat a quantity of liquid that is received from the cool liquid system. In order to avoid heating up of the liquid that is present inside the cool liquid system and cooling down of the liquid that is present inside the boiler measures are taken in order to prevent a backflow of the liquid. These measures involve an application of some kind of component (9) to be positioned upstream of the boiler and in order to avoid heat transfer through this component (9) additional measures are taken to realize a heat insulating effect at a position upstream of the boiler.

No. of Pages : 23 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.624/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : VISUALIZATION OF PHYSIOLOGICAL PARAMETERS

(51) International classification :A61B6/12  
(31) Priority Document No :09164628.1  
(32) Priority Date :06/07/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/052955  
Filing Date :29/06/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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**3)BABIC Drazenko**

**4)BRAUN Augustinus Laurentius**

**5)VAN DER VOORT Marjolein**

**6)DESJARDINS Adrien Emmanuel**

**7)MIHAJLOVIC Nenad**

**8)HARBERS Rik**

(57) Abstract :

The invention relates to a medical imaging apparatus for providing information about an object. The invention further relates to a method for providing information about an object. In order to improve the preparation and the visual reception of information relating to an object during medical interventions, a medical imaging apparatus for providing information about an object is provided that comprises an image acquisition device an interventional device, a processing device and a display device. The image acquisition device detects object data from at least one region of interest of an object and provides the object data to the processing device. The interventional device detects physiological parameters of the object depending on the position of a predetermined area of the interventional device in relation to the object and provides the physiological parameters to the processing device. Further, the processing device transforms at least a part of the object data into image data and converts the physiological parameters into physiological data. The processing device then modifies at least one image parameter of the image data depending on the physiological data and thereby transforms the image data into modified live image data which is provided to the display device displaying a modified live image.

No. of Pages : 30 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.541/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : CALENDAR MECHANISM

(51) International classification	:G04B
(31) Priority Document No	:111548850.9
(32) Priority Date	:17/02/2011
(33) Name of priority country	:EPO
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)GLASHUTTER UHRENBETRIEB GMBH**  
Address of Applicant :ALTENBERGER STRASSE 1,  
01768 GLASHUTTE/SACHSEN Germany  
(72)**Name of Inventor :**  
**1)SCHMIDT, PETER**

(57) Abstract :

Calendar mechanism comprising a day program wheel 13 that is driven by a clock movement and actuates a wheel train for display of the days of the month (16-24). The day program wheel 13 comprises a day indexing gear 13' that is advanced by one step each day by said clock movement, and at least one retractable tooth (128, 129, 130) capable of being driven by the clock movement and mounted to pivot between an active position (128A, 129A, 130A), in which it is driven, and an inactive position (1281, 1291, 1301), in which it is not driven by the clock movement

No. of Pages : 43 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.542/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : RUST PREVENTIVE COMPOSITION

(51) International classification	:C23F	(71)Name of Applicant :
(31) Priority Document No	:JP2011-182021	1)ALCELLO CHEMICAL CO., LTD.
(32) Priority Date	:23/08/2011	Address of Applicant :45 KOSHIKAWA,
(33) Name of priority country	:Japan	ISHIMAKIHONMACHI, TOYOHASHI, AICHI Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)HIROYUKI TAMAGAWA
(87) International Publication No	: NA	2)AKIRA FUJII
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An object of the present invention is to provide a packaging material which not only has a rust preventive function at the time of transportation provided by conventional rust preventive packaging materials, but can also hold the rust preventive function stably over a long period of time in an environment of the place where a metal product is used. There is disclosed a rust preventive composition including 100 parts by weight of a polyolefin resin having a density of 0.880 to 0.950 g/cm<sup>3</sup> and a MFR of 0.1 to 30.0 g/10 min and 0.1 to 10 parts by weight of one or two or more volatile rust preventive agents selected from an amine/ammonium/metal salt of an inorganic acid or an organic acid, a urea compound, and a heterocyclic compound, wherein 0.2 to 30.0 parts by weight of one or two or more porous adsorbents having an average particle size of 0.1 to 20  $\mu$ m and a specific surface area of 100 to 800 m<sup>2</sup>/g selected from porous silica, porous alumina, and zeolite are dispersed relative to 1 part by weight of the rust preventive agent to thereby sustain the evaporation and release amount of the volatile rust preventive agent on a long-term basis.

No. of Pages : 25 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.625/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND APPARATUS FOR GENERATING A SEQUENCE OF A PLURALITY OF IMAGES

(51) International classification :G06F17/30

(31) Priority Document No :09164647.1

(32) Priority Date :06/07/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/052986

Filing Date :30/06/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

**1)PETERS Marc Andre**

(57) Abstract :

A method of generating a sequence of a plurality of images to be displayed with ambient lighting the method comprising the steps of: extracting 201 at least one feature of each of a plurality of images; selecting 203 ambient lighting to be displayed with each of said plurality of images on the basis of said extracted at least one feature; determining 205 207 209 211 213 an order for display of said plurality of images on the basis of said selected ambient lighting to provide a smooth transition in changes in said ambient lighting during display of said plurality of images according to said order.

No. of Pages : 14 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.626/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : COMPUTER NETWORK COMPUTER SYSTEM COMPUTER-IMPLEMENTED METHOD AND COMPUTER PROGRAM PRODUCT FOR MANAGING SESSION TOKENS

(51) International classification	:H01L
(31) Priority Document No	:114250517
(32) Priority Date	:02/03/2011
(33) Name of priority country	:EPO
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)Accenture Global Services Limited**  
Address of Applicant :3 Grand Canal Plaza Grand Canal  
Street Upper Dublin 4 IRELAND  
(72)**Name of Inventor :**  
**1)Riccardo Ragusa**  
**2)Alessandro Casillo**

(57) Abstract :

One aspect is directed to a computer network/system a computerimplemented method and a computer program product for managing session tokens. The computer network for managing session tokens may comprise: a client operable to run a client application; a web server hosting at least one web service; and a session token manager. The session token manager may be operable to: receive a check out message along with user credentials from the client application wherein the user credentials identify a user operating the client application; process the check out message to determine a session token from a pool of session tokens managed for the user; and send a token identifier (token ID) to the client application pointing to the determined session token wherein the session token can be used by the client application to point to and/or to re-use a previously established session with the web service without re-establishing a new session.

No. of Pages : 47 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.549/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METALLIC CARD CLOTHING

(51) International classification	:D01G	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:00283/11	<b>1)Graf + Cie AG</b>
(32) Priority Date	:18/02/2011	Address of Applicant :Bildastrasse 6 CH-8640
(33) Name of priority country	:Switzerland	Rapperswil Switzerland
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)ITEN Josef</b>
(87) International Publication No	: NA	<b>2)HASLER Felix</b>
(61) Patent of Addition to Application Number	:NA	<b>3)PAVLOU Nikolaos</b>
Filing Date	:NA	<b>4)ARZT Peter</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a metallic card clothing for rollers for fiber processing in open-ers cleaners carders or carding machines. The metallic card clothing consists of a first clothing wire and a second clothing wire. The first clothing wire has teeth with a negative working angle and a land with a back point angle of -15° to +15°. The second clothing wire has teeth with a positive working angle.

No. of Pages : 13 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6287/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :05/09/2011

(43) Publication Date : 21/06/2013

(5 ) Title of the invention : LIGHTING UNIT AND LUMINAIRE FOR ROAD AND/OR STREET LIGHTING•

(51) International classification :F21S8/08  
(31) Priority Document No :09290190.9  
(32) Priority Date :17/03/2009  
(33) Name of priority country :E O  
(86) International Application No :PCT/EP2010/053450  
Filing Date :17/03/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :

**1)THORN EUROPHANE S.A.**

Address of Applicant :Route de la Paix 27705 Les Andelys  
France

(72)Name of Inventor :

**1)RAMI Jean-Paul**

**2)ROCARD Florian**

(57) Abstract :

A lighting unit (10) for use in a luminaire (1) in particular a luminaire for road and/or street lighting comprises a plurality of light sources (12) and a reflector unit (20) being arranged in front of said light sources (12) to control the distribution of the light emitted by said light sources (12). The reflector unit (20) comprises a plurality of reflector elements (22) being arranged parallel to each other wherein at least some of said reflector elements (22) comprise a first portion (23) being adapted for total reflection and a second portion (24) being adapted for partial reflection.

No. of Pages : 17 No. of Claims : 15



(12) PATENT APPLICATION PUBLICATION

(21) Application No.636/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : INFORMATION PROCESSING SYSTEM

(51) International classification	:H01L	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-036660	<b>1)NEC CORPORATION</b>
(32) Priority Date	:23/02/2011	Address of Applicant :7-1, SHIBA 5-CHOME, MINATO-KU, TOKYO 108-8001 Japan
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)OHTAKE, TAKAMASA</b>
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An information processing system of the present invention includes a master node and a plurality of cluster nodes managed by the master node, and stores a node list having set a transfer sequence of the request information sent from the master node to the cluster nodes. The cluster nodes accept the request information to transfer the same to the next transfer destinations according to the node list or to the master node if the next transfer destinations do not exist. The master node sends the request information to one of the cluster nodes according to the node list, and divides the plurality of cluster nodes into a cluster node group positioned under the management of the master node and another cluster node group positioned under the management of a predetermined cluster node according to the time interval after sending the request information until receiving the request information from other of the cluster nodes.

No. of Pages : 49 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6467/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A NON-AQUEOUS COATING COMPOSITION COMPRISING A MODIFIED PIGMENT

(51) International classification	:C09D11/00
(31) Priority Document No	:10/694,974
(32) Priority Date	:28/10/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US04/34957
Filing Date	:21/10/2004
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:1481/CHENP/2006
Filed on	:21/10/2004

(71)**Name of Applicant :**  
**1)CABOT CORPORATION**  
Address of Applicant :TWO SEAPORT LANE, SUITE  
1300, BOSTON, MASSACHUSETTS 02210-2019 U.S.A.  
(72)**Name of Inventor :**  
**1)NGUYEN, LANG, H.**

(57) Abstract :

The present invention relates to a non-aqueous coating composition comprising (a) a pigment composition comprising at least one pigment comprising a modified carbon product comprising a carbon product having attached at least one organic group, wherein the organic group comprises at least one ionic group, at least one inizable group, or a mixture thereof, and at least one dispersant composition comprising i) at least one anionic surfactant which does not dissolve in water at room temperature at concentrations greater than 2% and remain soluble under these conditions for longer than a day, and ii) at least one polymer comprising at least one salt of a carboxylic acid group (b) a non-aqueous vehicle comprising a resin and a non-aqueous solvent.

No. of Pages : 20 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.657/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :22/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : CARD INCORPORATING A TRANSPONDER

(51) International classification	:H04W	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:11156040.5	<b>1)NAGRAID S.A.</b>
(32) Priority Date	:25/02/2011	Address of Applicant :LE CRET-DU-LOCLE 10, 2301 LA
(33) Name of priority country	:EPO	CHAUX-DU-FONDS Switzerland
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)DROZ, FRANCOIS</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Card (2) incorporating a transponder, which comprises an electronic unit (6) and an antenna (8) electrically connected to this electronic unit, wherein this antenna is formed by an uninsulated conductor track (10), which is arranged on an insulating support. The conductor track defines at least one winding (12) and has a first end and a second end respectively located on either side of this at least one winding. The electronic unit is arranged inside or outside this at least one winding on the side of said first end, to which it is electrically connected. The second end of the conductor track is electrically connected to the electronic unit by an electric wire (30) fitted with an insulating sheath crossing said at least one winding, wherein the first and second end parts (32, 34) of this electric wire are at least partially stripped to assure the electrical contacts necessary for the electrical connection between said second end of the conductor track and the electronic unit.

No. of Pages : 15 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.499/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : AIR CONDITIONER FOR VEHICLE

(51) International classification	:B60H	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:10-2011-0013368	<b>1)Halla Climate Control Corporation</b>
(32) Priority Date	:15/02/2011	Address of Applicant :1689-1 Sinil-dong Daedeok-gu
(33) Name of priority country	:Republic of Korea	Daejeon-si 306-230 Republic of Korea
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)HAN Seongseok</b>
(87) International Publication No	: NA	<b>2)KIM Seonghyun</b>
(61) Patent of Addition to Application Number	:NA	<b>3)KIM Donggyun</b>
Filing Date	:NA	<b>4)KIM Hyungjoo</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an air conditioner for a vehicle. The air conditioner for a vehicle according to the present invention includes: a plate member slidably operating inside an air-conditioning case to control the degree of opening of air outflow ports or air passageways inside the air-conditioning case; a gear shaft for operating the plate member and separation preventing means formed on rail portions of the plate member interlocking with the gear shaft. According to the present invention the gear portions of the gear shaft can be smoothly interlocked with the gear holes formed on the rail portions of the plate member and it is prevented that the gear portions of the gear shaft in interlock with the gear holes of the rail portions are separated from the gear holes or mislocated.

No. of Pages : 54 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6329/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :05/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN AGENT FOR IMPROVING CORNEAL SENSITIVITY COMPRISING PACAP AND ITS DERIVATIVES

(51) International classification	:A61K38/00
(31) Priority Document No	:2004-128581
(32) Priority Date	:23/04/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP05/07609
Filing Date	:21/04/2005
(87) International Publication No	:WO/2005/102375
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:3885/CHENP/2006
Filed on	:21/04/2005

(71)**Name of Applicant :**  
**1)SENJU PHARMACEUTICAL CO., LTD**  
Address of Applicant :5-8, HIRANOMACHI 2-CHOME,  
CHUO-KU, OSAKA-SHI, OSAKA 541-0046 Japan

(72)**Name of Inventor :**  
**1)TAKAYAMA, YOSHIKO**  
**2)NAKAMURA, YOSHIKUNI**  
**3)INOUE, YUTAKA**  
**4)YABUTA, CHIHO**  
**5)AZUMA, MITSUYOSHI**  
**6)ONOUE, SATOMI**

(57) Abstract :

This invention relates to an agent for improving corneal sensitivity comprising PACAP, a PACAP derivative or a pharmaceutically acceptable salt thereof; in particular, an agent for treating dry eye and treating corneal epithelial injury due to an effect of promoting corneal neuritogenesis.

No. of Pages : 135 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.635/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : LIFT GUIDE

(51) International classification	:E04F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:P201130490	<b>1)S.A. DE VERA (SAVERA)</b>
(32) Priority Date	:30/03/2011	Address of Applicant :BARRIO DE ZALAIN - 31780
(33) Name of priority country	:Spain	VERA DE BIDASOA (NAVARRA) Spain
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SANZ GAMBOA, JESUS</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A lift guide, consisting of a rail (1), made up of one or several metal profiles with U shaped general plan/section with an anti-derailing system in cooperation with the friction clamps (3), and supports (2) with T shaped general plan whose core (2a) defines a head (21) that is dimensionally conjugated with the interior geometry of the rail (1) on which it is assembled in a sliding manner. Each metal profile may be of open or closed configuration. It presents an end zone with a surface recess (13) of smaller size than that of the rest of the profile, to favour the structure of the rail (1) with aligned coupling between profiles by telescopic fit. Said anti-derailing system is made up of two ramps (12) converging with each other and extending in continuity starting from the ends of the wings (11) in conjunction with the friction clamps (3), which clamp the wings (11) and the ramps (12) of the rail (1).

No. of Pages : 15 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.656/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :22/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : OPERATING DEVICE OF AT LEAST ONE MOVEABLE CONTACT AND MULTIPOLE ELECTRIC SWITCHGEAR APPARATUS COMPRISING ONE SUCH DEVICE

(51) International classification	:H02M
(31) Priority Document No	:11 00571
(32) Priority Date	:25/02/2011
(33) Name of priority country	:France
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)SCHNEIDER ELECTRIC INDUSTRIES SAS**  
Address of Applicant :35, RUE JOSEPH MONIER, F-92500 RUEIL MALMAISON France  
(72)**Name of Inventor :**  
**1)BERAUD, DIDIER**  
**2)MILAN, DENIS**

(57) Abstract :

The present invention relates to an operating device of at least one movable contact comprising, for each of the movable contacts, a trunnion mechanically connecting the drive rod of the movable contact to a transmission lever mechanically connected to a shaft, this trunnion (8) presenting the shape of a portion de bar (9) and comprising a salient element (10,11) at its two opposite ends, these two salient elements being designed to respectively collaborate with openings (6,7) respectively provided in two end parts (4b) respectively belonging to two cranks (4,5), these salient elements (10,11), these openings (6,7) and the above-mentioned end parts (4b) being shaped in such a way that these salient elements (10,11) can be inserted into the openings (6,7) when the rod(s) (14b) extend(s) in the plane passing via the longitudinal axis X of the shaft (1) and the cranks (4,5) of the transmission lever(s), and are secured in said openings after rotation of the portion(s) of bar(s) (9) in said openings (6,7) through an angle comprised between 30° and 150°.

No. of Pages : 17 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.529/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : ANODE DISK ELEMENT COMPRISING A HEAT DISSIPATING ELEMENT

(51) International classification :H01J 35/10

(31) Priority Document No :61/221181

(32) Priority Date :29/06/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2010/052893

Filing Date :24/06/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

**1)KRAFT Kevin**

**2)CARLSON Gerald J.**

**3)XU Paul**

(57) Abstract :

The present invention relates to X-ray tube technology in general. Most of the energy applied to the focal spot via electron bombardment is converted to heat; the generation of electromagnetic radiation may be considered to be quite inefficient. One of the central limitations of X-ray tubes is the cooling thus the dissipation of heat of the anode element in particular the focal track. Consequently an anode disk element that may sustain increased heat while still maintaining structural integrity and furthermore that may provide improved dissipation of heat from the focal track is presented.

No. of Pages : 31 No. of Claims : 15



(12) PATENT APPLICATION PUBLICATION

(21) Application No.655/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :22/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : DEVICE AND METHOD FOR DETERMINING A GAS CONCENTRATION IN A FLOWING GAS MIXTURE

(51) International classification

:G02F

(31) Priority Document No

:10 2011

004 744.1

(32) Priority Date

:25/02/2011

(33) Name of priority country

:Germany

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)WACKER CHEMIE AG**

Address of Applicant :HANNS-SEIDEL-PLATZ 4, D-81737 MUNCHEN Germany

(72)Name of Inventor :

**1)KERSCHHACKER, MARKUS**

**2)HUBER, JOHANN**

**3)NIEMETZ, MARKUS**

**4)MAURER, CHRISTOPH**

(57) Abstract :

Device and method for determining a gas concentration in a flowing gas mixture The invention relates to a method for determining a gas concentration in a flowing gas mixture, wherein the flowing gas mixture comprises solids having a defined size distribution, wherein by way of an optical spectrometer the concentration of a gas is measured in the flowing gas mixture, which comprises a measurement beam of the optical spectrometer being conducted during the measurement through a measurement channel having walls made of a gas-permeable material. The invention also relates to a device for carrying out such a method.

No. of Pages : 20 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.661/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :22/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : POWER CONVERTER, SEMICONDUCTOR DEVICE, AND METHOD FOR MANUFACTURING POWER CONVERTER

(51) International classification	:H03M	(71)Name of Applicant :
(31) Priority Document No	:2011-121499	<b>1)KABUSHIKI KAISHA YASKAWA DENKI</b>
(32) Priority Date	:31/05/2011	Address of Applicant :2-1, KUROSAKI-SHIROISHI,
(33) Name of priority country	:Japan	YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA 806-
(86) International Application No	:NA	0004 Japan
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)SHOICHIRO SHIMOIKE</b>
(61) Patent of Addition to Application Number	:NA	<b>2)DAISUKE YOSHIMI</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This power converter includes a first substrate, a second substrate, a power conversion element, and a case portion, and the case portion includes a first connection terminal connected to a first conductor pattern arranged on a side of the first substrate closer to the power conversion element and a second connection terminal connected to a second conductor pattern arranged on a side of the second substrate opposite to the power conversion element.

No. of Pages : 68 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.673/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : DEVICE FOR SEALING AND INFLATING INFLATABLE OBJECT

(51) International classification	:B60C	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:100108047	<b>1)JHOU, WEN-SAN</b>
(32) Priority Date	:10/03/2011	Address of Applicant :NO. 1-25, KANG WEI VILLAGE,
(33) Name of priority country	:Taiwan	AN-DIN DIST. TAINAN CITY Taiwan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)JHOU, WEN-SAN</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A sealing and inflating assembly includes an air compressor device engaged in a receptacle for generating a pressurized air, and a tire repairing container for receiving a sealing preparation, an outlet 5 piece attached to a mouth opening of the tire repairing container and having an inlet conduit and an outlet conduit, a pipe is disposed in the container and includes one end coupled to the outlet piece and includes a bore for directing the pressurized air to flow through the bore of the pipe and to flow into a base portion of the container without flowing through the sealing preparation, for allowing the tire sealing preparation to be effectively supplied to seal and inflate the inflatable objects.

No. of Pages : 40 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6732/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A METHOD FOR EXPRESSING AND PURIFYING ERYTHROPOIETIN

(51) International classification	:C07K 14/075	(71)Name of Applicant :
(31) Priority Document No	:PCT/NL01/00792	1)CRUCELL HOLLAND B.V.
(32) Priority Date	:29/10/2001	Address of Applicant :ARCHIMEDES WEG 4, NL-2333 CN
(33) Name of priority country	:Netherlands	LEIDEN Netherlands
(86) International Application No	:PCT/NL02/00686	(72)Name of Inventor :
Filing Date	:29/10/2002	1)BOUT, ABRAHAM
(87) International Publication No	:WO/2003/038100	2)BRUS, RONALD, HENDRIK, PETER
(61) Patent of Addition to Application		3)KAPTEYN, JOHAN, CHRISTIAAN
Number	:NA	4)PASSIER, PETRUS, CHRISTIANUS, JOHANNES,
Filing Date	:NA	JOSEPHUS
(62) Divisional to Application Number	:891/CHENP/2004	5)OPSTELTEN, DIRK, JAN, ELBERTUS
Filed on	:29/10/2002	

(57) Abstract :

The present invention relates to a method for expressing and purifying erythropoietin, or a mutein or a derivative thereof having at least one N-linked glycan comprising a lewis X structure, said method comprising: a) expressing nucleic acid encoding said erythropoietin or mutein or derivative thereof in a mammalian cell which expresses nucleic acid encoding EI A from an adenovirus, and b) purifying the expressed erythropoietin or mutein or derivative thereof, said purifying comprising a step of binding of the expressed erythropoietin or mutein or derivative thereof to a lectin or to a monoclonal antibody that binds to N-linked glycans comprising lewis X structures.

No. of Pages : 150 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.59/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :05/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN ELECTROMECHANICAL ACTUATOR WITH DUAL EXCITATION

(51) International classification	:F15B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:11 50151	<b>1)MESSIER-BUGATTI-DOWTY</b>
(32) Priority Date	:10/01/2011	Address of Applicant :INOVEL PARC SUD, 78140
(33) Name of priority country	:France	VELIZY VILLACOUBLAY France
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)THIBAUT, FLORENT</b>
(87) International Publication No	: NA	<b>2)NIERLICH, FLORENT</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A braking actuator (1) for a brake (2) of an aircraft (3) , the actuator comprising: an electric motor (13) ; a pusher (14) actuated by the motor/ and a position sensor (16) for sensing the position of the movable portion of the motor and provided with transmitter and receiver members. The motor has first and second exciters adapted to move the movable portion of the motor and adapted to be powered independently from each other. The transmitter member of the position sensor comprises first and second transmitters adapted to be powered independently, and the receiver member generates the signal representative of position on being excited by at least one of the transmitters.

No. of Pages : 19 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6746/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PATIENT-VENTILATOR DYSSYNCHRONY DETECTION

(51) International classification :A61M 16/00  
(31) Priority Document No :61/155363  
(32) Priority Date :25/02/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/050294  
Filing Date :22/01/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)SHELLY Benjamin Irwin**  
**2)SHANKAR Sankarasubrahmani Uday**  
**3)KANE Michael T.**  
**4)MATTHEWS Gregory Delano**  
**5)RESSLER Heather Dawn**

(57) Abstract :

A method of detecting dyssynchrony between a patient and a pressure support system includes receiving patient flow data relating to a flow of gas provided to the patient by the pressure support system receiving an I/E state signal representing a respiratory phase of the patient as determined by the pressure support system and analyzing the patient flow data and the I/E state signal and declaring a dyssynchrony for a breath based on at least one of the patient flow data and the I/E state signal. The method includes determining whether at least one of a number of predetermined criterion is satisfied based on at least one of the patient flow data and the I/E state signal and declaring the dyssynchrony for the breath if it is determined that at least one of the number of predetermined criterion is satisfied.

No. of Pages : 44 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(21) Application No.675/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : TUNABLE LOOP ANTENNAS

(51) International classification	:H01Q	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:13/041,934	<b>1)APPLE INC.</b>
(32) Priority Date	:07/03/2011	Address of Applicant :1 INFINITE LOOP, CUPERTINO,
(33) Name of priority country	:U.S.A.	CALIFORNIA 95014 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)JIN, NANBO</b>
(87) International Publication No	: NA	<b>2)PASCOLINI, MATTIA</b>
(61) Patent of Addition to Application Number	:NA	<b>3)MOW, MATT A.</b>
Filing Date	:NA	<b>4)SCHLUB, ROBERT W.</b>
(62) Divisional to Application Number	:NA	<b>5)CABALLERO, RUBEN</b>
Filing Date	:NA	

(57) Abstract :

Electronic devices are provided that contain wireless communications circuitry. The wireless communications circuitry may include radio-frequency transceiver circuitry and antenna structures. A parallel-5 fed loop antenna may be formed from portions of a conductive bezel and a ground plane. The antenna may operate in multiple communications bands. The bezel may surround a peripheral portion of a display that is mounted to the front of an electronic device. The bezel may contain a gap. Antenna feed terminals for the antenna may be located on opposing sides of the gap. A variable capacitor may bridge the gap. An inductive element may bridge the gap and the antenna feed terminals. A switchable inductor may be coupled in parallel with the inductive element. Tunable matching circuitry may be coupled between one of the antenna feed terminals and a conductor in a coaxial cable connecting the transceiver circuitry to the antenna.

No. of Pages : 62 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.680/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND SYSTEM DIGITAL FOR PROCESSING DIGITAL CONTENT ACCORDING TO A WORKFLOW

(51) International classification	:H01M
(31) Priority Document No	:11305248.4
(32) Priority Date	:09/03/2011
(33) Name of priority country	:EPO
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)THOMSON LICENSING**  
Address of Applicant :1 RUE JEANNE D'ARC-92443,  
ISSY-LES-MOULINEAUX France  
(72)**Name of Inventor :**  
**1)STEPHANE ONNO**

(57) Abstract :

The invention relates to a method of processing content according to a workflow, where a digital content (432) is processed on one of a plurality of processing devices (410) according to process definition (442) associated to the content, the method comprising the steps, iterated at the processing device, of: a) receiving (404) from a server a signed workflow information, a workflow information comprising a status of the content processing, a signature of the process definition and a hash of the content; b) verifying (404) the workflow information; c) when the workflow information is verified, processing the content according to the process definition and according to status of the content processing; d) updating and signing (406) the workflow information; e) sending (406) to the server the signed workflow information; and the steps iterated at the server of: f) receiving from a processing device a signed workflow information; g) publishing (407) the signed workflow information received from the processing device. The invention also relates to a system (300) for performing the method.

No. of Pages : 24 No. of Claims : 15



(12) PATENT APPLICATION PUBLICATION

(21) Application No.574/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHODS AND APPARATUS TO REPORT LINK QUALITY MEASUREMENTS FOR DOWNLINK DUAL CARRIER OPERATION

(51) International classification	:H04B	(71)Name of Applicant :	
(31) Priority Document No	:11305174.2	<b>1)RESEARCH IN MOTION LIMITED</b>	
(32) Priority Date	:18/02/2011	Address of Applicant :295 PHILLIP STREET,	
(33) Name of priority country	:EPO	WATERLOO, ONTARIO, N2L 3W8 Canada	
(86) International Application No	:NA	(72)Name of Inventor :	
Filing Date	:NA	<b>1)HOLE DAVID PHILIP</b>	
(87) International Publication No	: NA	<b>2)FAURIE RENE</b>	
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

Methods and apparatus to report link quality measurements for downlink dual carrier operation are disclosed. Example methods and apparatus disclosed herein implement one or more example techniques for reporting link quality measurements involving, for example, modifying measurement reporting messages to increase the number and/or types of link quality measurements that can be reported, permitting mobile stations, when appropriate, to use different reporting messages capable of supporting more link quality measurements, and/or prioritizing certain link quality measurements to be reported when the reporting messages do not contain sufficient space to report all requested and/or specified link quality measurements.

No. of Pages : 102 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.653/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :22/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD OF SEARCHING A DATA BASE, NAVIGATION DEVICE AND METHOD OF GENERATING AN INDEX STRUCTURE

(51) International classification	:GO6F	(71)Name of Applicant :
(31) Priority Document No	:11155710.4	<b>1)HARMAN BECKER AUTOMOTIVE SYSTEMS</b>
(32) Priority Date	:23/02/2011	<b>GMBH</b>
(33) Name of priority country	:EPO	Address of Applicant :BECKER-GORING-STR. 16 76307
(86) International Application No	:NA	KARISBAD Germany
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)PRYAKHIN ALEXEY</b>
(61) Patent of Addition to Application Number	:NA	<b>2)KUNATH PETER</b>
Filing Date	:NA	<b>3)WELSCHER JUERGEN</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of performing a similarity search in a navigation device data base uses a metric index structure. The index structure includes a plurality of nodes. When a query object (51) is received, a node of the index structure which is associated with at least one object (52, 55, 59, 60) is accessed. A distance (65, 66) between the query object (51) and the at least one object (52, 55, 59, 60) is determined in accordance with a distance metric. Based on the determined distance, another node of the index structure is selectively accessed.

No. of Pages : 30 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.658/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :22/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : INK COMPOSITION, IMAGE FORMING METHOD, AND PRINTED MATERIAL

(51) International classification	:C09D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-037208	<b>1)FUJIFILM CORPORATION</b>
(32) Priority Date	:23/02/2011	Address of Applicant :26-30, NISHIAZABU 2-CHOME,
(33) Name of priority country	:Japan	MINATO-KU, TOKYO Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)HIRONAKA, KOJI</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is an ink composition having excellent dischargeability during image recording by an Inkjet method and having excellent water resistance, solvent resistance, and adhesiveness to a recording medium of the recorded image. The ink composition includes a structure represented by the structural formula (A), a compound having at least any one of a residue formed by removing one hydrogen atom from a compound represented by the general formula (B1) and a residue formed by removing one hydrogen atom from a compound represented by the general formula (B2) in one molecule or plural molecules, and a coloring material.

No. of Pages : 103 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.676/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : SPINNING WINDER

(51) International classification	:B65H	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-054215	<b>1)TMT MACHINERY, INC.</b>
(32) Priority Date	:11/03/2011	Address of Applicant :6TH FL., OSAKA GREEN BLDG.,
(33) Name of priority country	:Japan	2-6-26 KITAHAMA, CHUO-KU, OSAKA-SHI, OSAKA 541-0041 Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)HASHIMOTO, KINZO</b>
(87) International Publication No	: NA	<b>2)KISHINE, AKINORI</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Yarns threaded on a godet roller are fed to corresponding distribution guides by a simple structure. A spinning winder includes components such as two godet 5 rollers 11 and 12 receiving yarns 10 supplied from a spinning machine, fulcrum guides 13a to 13d which are aligned in crosswise directions along a bobbin holder and distribute the yarns 10 wound onto the downstream-side godet roller 12 to bobbins attached to the bobbin holder, 10 respectively, and a yarn threading guide 20 which is arranged to be movable in the alignment directions of the fulcrum guides 13a to 13d between the fulcrum guides 13a to 13d and the bobbin holder, while holding the yarns 10.

No. of Pages : 33 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6793/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : MEDICAL VIEWING SYSTEM FOR DISPLAYING A REGION OF INTEREST ON MEDICAL IMAGES

(51) International classification :A61B6/00  
(31) Priority Document No :09305208.2  
(32) Priority Date :06/03/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/050873  
Filing Date :01/03/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
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(72)Name of Inventor :  
**1)VAN DEN HOUTEN Peter**  
**2)BAKKER Nicolaas H.**  
**3)FLORENT Raoul**  
**4)AUVRAY Vincent M.A.**

(57) Abstract :

A medical viewing system with an X-ray image acquisition device for acquiring angiograms and interventional live images of vessels is adapted for generating a region of interest border into which an object referenced by an object-based registration process must extend in order to achieve an accurate registration of vessel trees extracted from the angiogram and the live images. The region of interest border is then overlaid onto the vessel tree images and the live images. The medical viewing system reminds the person accomplishing the intervention of the importance of pushing the object far enough into the image while being discrete enough to be ignored if preferred thus yielding in a reliable and precise road mapping processing.

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6794/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD FOR CONVERTING INPUT IMAGE DATA INTO OUTPUT IMAGE DATA&NBSP; IMAGE CONVERSION UNIT FOR CONVERTING INPUT IMAGE DATA INTO OUTPUT IMAGE DATA&NBSP; IMAGE PROCESSING APPARATUS&NBSP; DISPLAY DEVICE

(51) International classification :G06T5/40  
(31) Priority Document No :09154549.1  
(32) Priority Date :06/03/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/050905  
Filing Date :03/03/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)MUIJS Remco T. J.**

(57) Abstract :

In a method unit and display device the input image signal is split into a regional contrast signal (VRC) and a detail signal (VD) followed by stretching separately the dynamic ranges for both signals wherein the dynamic range for the regional contrast signal is stretched with a higher stretch ratio than the dynamic range for the detail signal. Preferably the stretch ratio for the detail signal is near 1 or preferably 1. In preferred embodiment highlights are identified and for the highlights the dynamic range is stretched to an even higher degree than for the regional contrast signal.

No. of Pages : 27 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6795/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : ADVANCED TEMPERATURE COMPENSATION AND CONTROL CIRCUIT FOR SINGLE PHOTON COUNTERS

(51) International classification :G01T1/20  
(31) Priority Document No :61/157923  
(32) Priority Date :06/03/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/050539  
Filing Date :05/02/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)FRACH Thomas**

(57) Abstract :

A PET scanner (10) includes a ring of detector modules (16) encircling an imaging region (18). Each of the detector modules includes one or more sensor avalanche photodiodes (APDs) (34) that are biased in a breakdown region in a Geiger mode. The sensor APDs (34) output pulses in response to light from a scintillator corresponding to incident photons. A reference APD (36) also biased in a breakdown region in a Geiger mode is optically shielded from light and outputs a voltage that is measured by an analog to digital converter (44). Based on the measurement a bias control feedback loop (42) directs a variable voltage generator (48) to adjust a bias voltage applied to the APDs (34 36) such that a difference (86) between a voltage of a breakdown pulse (68) and a preselected logic voltage level (70) is minimized.

No. of Pages : 23 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6796/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AUTOMATICALLY CONFIGURING OF A LIGHTING

(51) International classification :H05B37/02

(31) Priority Document No :09154521.0

(32) Priority Date :06/03/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/050836

Filing Date :26/02/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

**1)DE GROOT Bastiaan**

(57) Abstract :

The invention relates to automatically configuring of a lighting particularly to creating a lighting which follows a person with a networked lighting system. A basic idea of the invention is to configure lighting in a network of lamps in that a lamp of the network adjusts its light emission depending on presence detection in its own direct environment and the presence detected in the environment of other lamps of the network. An embodiment of the invention relates to a system (10) for automatically configuring a lighting wherein the system comprises - a network of lamps (12) in which every lamp is coupled to a presence detector (14) and can receive signals from other lamps in the network wherein a received signal indicates an activity detected by the presence detector coupled to the lamp which transmits the signal and wherein - every lamp adjusts its light emission depending on the signal received from other lamps and the measurement of its presence detector. The invention allows automatically configuring a lighting with a network of lamps for a certain area in that lights go on before a person gets to a certain area.

No. of Pages : 19 No. of Claims : 13



(12) PATENT APPLICATION PUBLICATION

(21) Application No.6797/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PEAK /FLAT ADJUSTMENT

(51) International classification	:F21V19/02
(31) Priority Document No	:61/158107
(32) Priority Date	:06/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/050925
Filing Date	:03/03/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)HAYTHORNWAITE David**

(57) Abstract :

The present invention relates to a lighting apparatus (1) or assembly therefore comprising: a carriage (25) coupled to a housing (10a 10b) the carriage (25) adapted to retain a lamp (14) within the housing the carriage (25) being moveable relative to the housing (10a 10b) to manipulate the position of the lamp (14) within the housing (10a 10b) wherein the carriage (25) is moveable along a first axis by way of a force applied along a second axis. This provides a more convenient way of adjusting the peak/flat of the light apparatus.

No. of Pages : 17 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.503/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : ROBOT SYSTEM

(51) International classification	:B23K	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-086207	<b>1)KABUSHIKI KAISHA YASKAWA DENKI</b>
(32) Priority Date	:08/04/2011	Address of Applicant :2-1, KUROSAKI-SHIROISHI,
(33) Name of priority country	:Japan	YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA 806-
(86) International Application No	:NA	0004 Japan
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)YUKI OE</b>
(61) Patent of Addition to Application Number	:NA	<b>2)KEIJI MAKINO</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This robot system includes a robot, a laser emitting portion moved by the robot, capable of scanning a welding locus with a laser beam at least in a state where the laser emitting portion is not moving, and a control portion controlling the laser emitting portion to scan the welding locus with the laser beam in order to perform welding with weaving on the welding locus at least in the state where the laser emitting portion is not moving.

No. of Pages : 59 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.679/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : DYNAMIC VIRTUAL REMOTE TAGGING

(51) International classification	:G06F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:11 001	<b>1)SONY CORPORATION</b>
(32) Priority Date	505.4	Address of Applicant :1-7-1 KONAN, MINATO-KU,
(33) Name of priority country	:23/02/2011	TOKYO, 108-0075 Japan
(86) International Application No	:EPO	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)WILHELM HAGG</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Method for selecting content items, comprising determining a location in a space, the location depending on at least one of a position, an orientation or a movement of a selection device in a real world environment surrounding the selection device; determining a virtual tag included in a set of virtual tags as a selected virtual tag, the selected virtual tag being associated with the determined location; and selecting a subset of content items of a set of content items, the subset of content items being associated with the selected virtual tag. 10

No. of Pages : 43 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.684/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : POWER SUPPLY CONNECTING SECTION HOUSING STRUCTURE FOR SADDLE-RIDE TYPE VEHICLE

(51) International classification :H04W  
(31) Priority Document No :2011-040867  
(32) Priority Date :25/02/2011  
(33) Name of priority country :Japan  
(86) International Application No :NA  
Filing Date :NA  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)HONDA MOTOR CO., LTD.**  
Address of Applicant :1-1, MINAMI-AOYAMA 2-  
CHOME, MINATO-KU, TOKYO, 107-8556 Japan  
(72)**Name of Inventor :**  
**1)ASAI, KOHEI**

(57) Abstract :

To provide a power supply connecting section housing structure for a saddle-ride type vehicle which excels in workability at night without requiring the addition of illumination or the like. [Solution] In a saddle-ride type vehicle including a body 10, an electric motor 61 mounted on the body 10, a battery 64 mounted on the body 10, a power supply connecting section 130, 130A, 130B, 130C, 130D or 130E that supplies electricity to the battery 64 from outside the vehicle, a power supply connecting section housing portion 110, 110A, 11B, 110C, 110D or 110E that houses the power supply connecting section 130, 130A, 130B, 130C, 130D or 130E, and a rear lamp 40 installed on the rear part of the body 10, the electric motor 61 being used as a power source, the power supply connecting section housing portion 110, 110A, 110B, 110C, 110D or 110E is arranged underneath the rear lamp 40.

No. of Pages : 76 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6894/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : CATHETER&NBSP; APPARATUS&NBSP; METHOD AND COMPUTER PROGRAM FOR APPLYING ENERGY TO AN OBJECT

(51) International classification	:A61B18/14	(71)Name of Applicant :	
(31) Priority Document No	:09154615.0	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.	
(32) Priority Date	:09/03/2009	Address of Applicant :GROENEWOUDSEWEG 1	
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS	
(86) International Application No	:PCT/IB2010/050886	(72)Name of Inventor :	
Filing Date	:02/03/2010	1)WEEKAMP Johannes W.	
(87) International Publication No	: NA	2)DELADI Szabolcs	
(61) Patent of Addition to Application Number	:NA	3)BARLEY Maya E.	
Filing Date	:NA	4)RADEMAKERS Antonius J. J.	
(62) Divisional to Application Number	:NA	5)SUIJVER Jan F.	
Filing Date	:NA		

(57) Abstract :

The present invention relates to a catheter for applying energy to an object. The catheter (5) has a longitudinal axis (7) and includes an energy applying unit (30) for applying energy to the object and a sensing unit (20) for sensing the object in a sensing direction (23). The sensing unit (20) is adapted to be rotatable with respect to the catheter (5) such that the angle (a) between the sensing direction (23) of the sensing unit (20) and the longitudinal axis (7) of the catheter (5) is adjustable. The sensing unit (20) can be adjusted during the application of energy to the object such that the sensing direction (23) of the sensing unit (20) points to the site to which the energy is applied regardless of the angle that the catheter tip forms with the surface of the object at that site.

No. of Pages : 26 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6895/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : MULTI PRIMARY CONVERSION

(51) International classification :H04N9/64  
(31) Priority Document No :09154645.7  
(32) Priority Date :09/03/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/050919  
Filing Date :03/03/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)HINNEN Karel J. G.**  
**2)HEKSTRA Gerben J.**  
**3)LANGENDIJK Erno H. A.**  
**4)MUIJS Remco T. J.**  
**5)KLOMPENHOUWER Michiel A.**

(57) Abstract :

A multi-primary conversion (5) of input drive values (RGB) defines a color of a pixel (PI) of a multi-primary display (DP) in an M dimensional color space (XYZ) into  $N > M$  output drive values (di) in an N dimensional drive space. The N output drive values (di) drive N sub-pixels (SPi) of the pixel (PI). The color of the pixel (PI) in the color space (XYZ) is defined by linear combinations of N color primaries of the respective N sub-pixels (SPi). The multi-primary conversion (5) comprises: defining a constraint in the color space (XYZ) thereby causing in the color space (XYZ) a convex polytope (U0; L0; V50) defined by vertex points (V10 V11 V12; V20 V21; V50) wherein only colors in the color space (XYZ) belonging to the convex polytope fulfill the constraint determining exemplary solutions of the output drive values (di) for at least a subset of the vertex points (V10, V11, V12; V20, V21; V50), and constructing the output drive values (di) fulfilling the constraint as a convex combination of the exemplary solutions.

No. of Pages : 42 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.621/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND SYSTEM FOR ASYNCHRONOUS LAMP IDENTIFICATION

(51) International classification :H05B37/02

(31) Priority Document No :09164498.9

(32) Priority Date :03/07/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/052998

Filing Date :30/06/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

**1)SCHENK Tim Corneel Wilhelmus**

**2)FERI Lorenzo**

**3)TALSTRA Johan Cornelis**

(57) Abstract :

The invention relates to embedding data into a luminance output generated by an illumination system comprising a light source and a controller. The controller is configured to embed data by modulating a drive signal applied to the light source with an information signal comprising a shifted base code and a synchronization code. The synchronization code serves to provide synchronization for the receiver while the shifted base code serves to carry the embedded data. A cyclic phase shift that is applied to a base code to generate the shifted base code corresponds to particular data such as for example light source identification that needs to be embedded into the luminance output of the illumination system. In this manner data may be embedded into the luminance output generated by a light source without requiring synchronization of this light source with other light sources.

No. of Pages : 35 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.674/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : TUNABLE ANTENNA SYSTEM WITH RECEIVER DEIVERSITY

(51) International classification	:H01Q	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:13/041,905	<b>1)APPLE INC.</b>
(32) Priority Date	:07/03/2011	Address of Applicant :1 INFINITE LOOP, CUPERTINO,
(33) Name of priority country	:U.S.A.	CALIFORNIA 95014 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)JIN, NANBO</b>
(87) International Publication No	: NA	<b>2)PASCOLINI, MATTIA</b>
(61) Patent of Addition to Application Number	:NA	<b>3)MOW, MATT A.</b>
Filing Date	:NA	<b>4)SCHLUB, ROBERT W.</b>
(62) Divisional to Application Number	:NA	<b>5)CABALLERO, RUBEN</b>
Filing Date	:NA	

(57) Abstract :

A wireless electronic device may include antenna structures and antenna tuning circuitry. The device may include a display mounted within a housing. A peripheral conductive member may run around the edges of the display and housing. Dielectric-filled gaps may divide the peripheral conductive member into individual segments. A ground plane may be formed within the housing. The ground plane and the segments of the peripheral conductive member may form antennas in upper and lower portions of the housing. The antenna tuning circuitry may include switchable inductor circuits and variable capacitor circuits for the upper and lower antennas. The switchable inductor circuits associated with the upper antenna may be tuned to provide coverage in at least two high-band frequency ranges of interest, whereas the variable capacitor circuits associated with the upper antenna may be tuned to provide coverage in at least two low-band frequency ranges of interest.

No. of Pages : 53 No. of Claims : 20



(12) PATENT APPLICATION PUBLICATION

(21) Application No.6900/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : DIAGNOSIS OF ASTHMA

(51) International classification :A61B 5/103  
(31) Priority Document No :09154707.5  
(32) Priority Date :10/03/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/050933  
Filing Date :04/03/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)BUSSA Nagaraju**  
**2)RAJAMANI Kumar Thirunellai**  
**3)JAIN Abhishek**

(57) Abstract :

An apparatus (200) for diagnosing asthma is disclosed. The apparatus (200) comprises a data acquisition module (210) having at least one mercury-in-rubber strain gauge configured to acquire at least one physical deformation feature associated with at least one of nasal flaring neck retraction and inter-coastal retraction of a subject under examination during at least one respiratory cycle the at least one physical deformation feature being acquired in the form of electrical variation associated with at least one of the nasal flaring the neck retraction and the inter-coastal retraction of the subject under examination and an analysis module (220) configured to analyze the acquired at least one physical deformation feature associated with at least one of the nasal flaring

No. of Pages : 31 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6901/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A LIGHT GUIDE APPARATUS

(51) International classification :G02B 6/00  
(31) Priority Document No :200910126285.2  
(32) Priority Date :11/03/2009  
(33) Name of priority country :China  
(86) International Application No :PCT/IB2010/051018  
Filing Date :10/03/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)CORNELISSEN Hugo Johan**  
**2)WEI Gongming**

(57) Abstract :

The invention discloses a light guide apparatus which comprises a light guide (1). The light guide (1) comprises a plurality of diffraction gratings (2) on a first surface of the light guide (1) wherein each diffraction grating (2) has a pre-set pitch and is configured to diffract a portion of light emitted from a corresponding light source to one side of the light guide (1). As the plurality of diffraction gratings (2) is placed on the first surface of the light guide (1) facing the light sources the light guide apparatus is more robust to damage and fingerprints.

No. of Pages : 20 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.507/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : PROGRAM WHEEL OF A CALENDAR MECHANISM

(51) International classification	:G04B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:11154842.6	<b>1)Glashütte Uhrenbetrieb GmbH</b>
(32) Priority Date	:17/02/2011	Address of Applicant :Altenberger Strasse 1 01768
(33) Name of priority country	:EPO	Glashütte/Sachsen Germany
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SCHMIDT Peter</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Calendar mechanism comprising a program wheel device 100 for a calendar mechanism wherein the program wheel 100 comprises: a day program wheel 13 that performs a complete turn each month is driven by a clock movement and actuates a wheel train for display of the days of the month 16-24 and a month program gear 43 that performs a complete turn each year which are mounted coaxially.

No. of Pages : 45 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6915/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD FOR MEASURING RESISTANCE OR SENSITIVITY TO DOCETAXEL

(51) International classification	:C12Q 1/68	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:60/634,298	<b>1)AVENTIS PHARMACEUTICALS INC.</b>
(32) Priority Date	:08/12/2004	Address of Applicant :55 CORPORATE DRIVE,
(33) Name of priority country	:U.S.A.	BRIDGEWATER, NEW JERSEY 08807 U.S.A.
(86) International Application No	:PCT/US2005/043578	(72) <b>Name of Inventor :</b>
Filing Date	:01/12/2005	<b>1)GRUENEBERG, DORRE</b>
(87) International Publication No	:WO/2006/062811	<b>2)HUANG, XI</b>
(61) Patent of Addition to Application	:NA	<b>3)NATESAN, SRIDARAN</b>
Number	:NA	<b>4)AUGUST, PAUL</b>
Filing Date	:NA	
(62) Divisional to Application Number	:2444/CHENP/2007	
Filed on	:01/12/2005	

(57) Abstract :

The present invention relates to a method for predicting or monitoring a cancer patient's response to a molecule of the taxoid family, comprising the steps of: b) measuring the level of serine/threonine kinase 11 (STK11) in a test sample from a cancerous area of said patient and a control sample; and b) comparing the measured levels of STK11 in the test sample and the control sample; wherein a decrease in the level of STK11 measured in the test sample as compared to the control sample indicates an increased sensitivity to a molecule of the taxoid family.

No. of Pages : 138 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6923/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD FOR MEASURING RESISTANCE OR SENSITIVITY TO DOCETAXEL

(51) International classification	:C12Q 1/68	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:60/634,298	<b>1)AVENTIS PHARMACEUTICALS INC.</b>
(32) Priority Date	:08/12/2004	Address of Applicant :55 CORPORATE DRIVE,
(33) Name of priority country	:U.S.A.	BRIDGEWATER, NEW JERSEY 08807 U.S.A.
(86) International Application No	:PCT/US2005/043578	(72) <b>Name of Inventor :</b>
Filing Date	:01/12/2005	<b>1)GRUENEBERG, DORRE</b>
(87) International Publication No	:WO/2006/062811	<b>2)HUANG, XI</b>
(61) Patent of Addition to Application	:NA	<b>3)NATESAN, SRIDARAN</b>
Number	:NA	<b>4)AUGUST, PAUL</b>
Filing Date	:NA	
(62) Divisional to Application Number	:2444/CHENP/2011	
Filed on	:01/12/2005	

(57) Abstract :

The present invention relates to a method for predicting or monitoring a cancer patient's response to a molecule of the taxoid family, comprising the steps of: a) measuring the level of pim-1 oncogene (PIM-1) in a test sample from a cancerous area of said patient and a control sample; and b) comparing the measured levels of PIM-1 in the test sample and the control sample; wherein a decrease in the level of PIM-1 measured in the test sample as compared to the control sample indicates an increased sensitivity to a molecule of the taxoid family.

No. of Pages : 138 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.693/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : SPINNING WINDER

(51) International classification	:B65H	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-078916	<b>1)TMT MACHINERY, INC.</b>
(32) Priority Date	:31/03/2011	Address of Applicant :6TH FL., OSAKA GREEN BLDG.,
(33) Name of priority country	:Japan	2-6-26 KITAHAMA, CHUO-KU, OSAKA-SHI, OSAKA 541-
(86) International Application No	:NA	0041 Japan
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)HASHIMOTO, KINZO</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The efficiency in yarn threading from the leading end side of a winding axis onto a plurality of heating rollers ' is improved. A spinning winder sends, to a winding unit below via a godet roller group 20 and two guide rollers 11 and 12, a plurality of yarns 10 spun out and serially supplied from a spinning machine above, and the winding unit winds the yarns 10. A godet roller group 20 is provided on the leading end side of a bobbin holder 7, and axes 21a to 24a of godet rollers 21 to 24 belonging to the godet roller group 20 are in parallel to the axis 7a of the bobbin holder 7.

No. of Pages : 34 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6936/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :26/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : DATA STORAGE SYSTEM AND METHOD OF PROCESSING A DATA ACCESS REQUEST

(51) International classification :G06F 3/06

(31) Priority Document No :12/414,084

(32) Priority Date :30/03/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/029116

Filing Date :30/03/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)ORACLE AMERICA INC.**

Address of Applicant :500 Oracle ParkwayRedwood Shores  
California 94065 U.S.A.

(72)Name of Inventor :

**1)John Timothy OBrien**

**2)Michael Steven Milillo**

**3)George Franklin Detar Jr.**

**4)Carl Thomas Madison Jr.**

(57) Abstract :

A data storage system includes a plurality of servers a plurality of external interface providers each deployed on one of the servers and a plurality of data storage controllers each deployed on one of the servers. Each of the providers is configured to receive a data access request to identify one of the controllers that can satisfy the request and to forward the request to the identified controller. The system further includes a plurality of data storage modules independent of the servers. The providers controllers and modules are in communication with each other. Each of the controllers exclusively manages a portion of data content in at least one of the modules and satisfies data access requests received from the providers by accessing the portion of data content in the at least one module.

No. of Pages : 27 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6271/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/08/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : D1364 BT SECONDARY COATINGS ON OPTICAL FIBER

(51) International classification :C03C 25/10  
(31) Priority Document No :60/874,720  
(32) Priority Date :14/12/2006  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2007/25427  
Filing Date :13/12/2007  
(87) International Publication No :WO/2008/076285  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :2581/CHENP/2009  
Filed on :13/12/2007

(71)**Name of Applicant :**  
**1)DSM IP ASSETS B.V.**  
Address of Applicant :HET OVERLOON 1, 6411 TE  
HEERLEN Netherlands  
(72)**Name of Inventor :**  
**1)CATTRON, WENDELL, WAYNE**  
**2)SCHMID, STEVEN, R.**  
**3)MURPHY, EDWARD, J.**  
**4)ZIMMERMAN, JOHN, M.**  
**5)TORTORELLO, ANTHONY, JOSEPH**

(57) Abstract :

This invention relates to a Radiation Curable Secondary Coating composition comprising a urethane-free Alpha Oligomer prepared by reaction of the following: (a) an acrylate compound selected from an alcohol-containing acrylate or alcohol-containing methacrylate compound, (b) an anhydride compound, (c) an epoxy-containing compound, (d) optionally an extender compound, and (e) optionally a catalyst, said composition further comprising a Beta oligomer, said Beta oligomer being different from said Alpha Oligomer, wherein said Beta Oligomer is prepared by the reaction of 1) hydroxyethyl acrylate 2) one or more diisocyanates 3) a glycol selected from the group consisting of polyether polyols and polyester polyols; wherein polyester polyols are obtained by reacting a polyhydric alcohol with a polybasic acid; wherein polyether polyols are selected from the group consisting of polyethylene glycol, polypropylene glycol, polypropylene glycol-ethyleneglycol copolymer, polytetramethylene glycol, polyhexamethylene glycol, polyheptamethylene glycol and polydecamethylene glycol; and 4) a catalyst.

No. of Pages : 80 No. of Claims : 8



(12) PATENT APPLICATION PUBLICATION

(21) Application No.6951/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :26/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD FOR PRODUCING FRACTIONS OF A MILK COMPOSITION

<p>(51) International classification :A23C 9/12 (31) Priority Document No :PA 2004 01972 (32) Priority Date :21/12/2004 (33) Name of priority country :Denmark (86) International Application No :PCT/DK05/00810 Filing Date :21/12/2005 (87) International Publication No :WO/2006/066590 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number : Filed on 2666/CHENP/2007 :21/12/2005</p>	<p>(71)<b>Name of Applicant :</b> <b>1)NOVOZYMES A/S</b> Address of Applicant :KROGSHOEJVEJ 36, DK-2880 BAGSVAERD Denmark <b>2)CHR, HANSEN A/S</b> (72)<b>Name of Inventor :</b> <b>1)NIELSEN, PER, MUNK</b> <b>2)LILBAEK, HANNA</b></p>
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(57) Abstract :

The invention relates to a method for producing fractions of a milk composition by treating a milk composition with a phospholipase and separating it into at least two fractions with different fat content. The fractions obtained have improved properties for producing food products. The invention further relates to a method for producing food products from one or more of the fractions obtained. In further aspects the invention relates to methods for producing condensed milk, milk powder, butter and dairy spread from a milk composition treated with a phospholipase.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7015/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AGENT FOR INHIBITING VISCERAL FAT ACCUMULATION

(51) International classification :A61K31/704  
(31) Priority Document No :2005-275171  
(32) Priority Date :22/09/2005  
(33) Name of priority country :Japan  
(86) International Application No :PCT/JP2006/318685  
Filing Date :21/09/2006  
(87) International Publication No :WO/2007/034851  
(61) Patent of Addition to Application  
Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :4691/CHENP/2007  
Filed on :21/09/2006

(71)Name of Applicant :

**1)MORINAGA MILK INDUSTRY CO., LTD.**

Address of Applicant :33-1, SHIBA 5-CHOME, MINATO-KU, TOKYO 108-8384 Japan

(72)Name of Inventor :

**1)MISAWA, ERIKO**

**2)TANAKA, MIYUKI**

(57) Abstract :

The present invention relates to an agent for inhibiting accumulation of visceral fat, comprising a compound presented by the following chemical formula (1) as an active ingredient.

No. of Pages : 44 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.702/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : LIQUID EJECTION HEAD AND PROCESS FOR PRODUCING THE SAME

(51) International classification	:B41J	(71)Name of Applicant :
(31) Priority Document No	:2011-042028	1)CANON KABUSHIKI KAISHA
(32) Priority Date	:28/02/2011	Address of Applicant :30-2, SHIMOMARUKO 3-CHOME,
(33) Name of priority country	:Japan	OHTA-KU, TOKYO Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)WATANABE, MAKOTO
(87) International Publication No	: NA	2)TAGAWA, YOSHINORI
(61) Patent of Addition to Application Number	:NA	3)MURAYAMA, HIROYUKI
Filing Date	:NA	4)CHIDA, MITSURU
(62) Divisional to Application Number	:NA	5)NAGAI, MASATAKA
Filing Date	:NA	

(57) Abstract :

Provided is a process for producing a liquid ejection head including an ejection orifice member having a plurality of ejection orifices for ejecting liquid provided along an arrangement direction, the process including preparing a substrate provided with a resin layer which contains a photocurable resin;carrying out a first exposure treatment and a second exposure treatment which are each of an exposure treatment of subjecting the resin layer to exposure; and forming the ejection orifices of the resin layer subjected to the first exposure treatment and the second exposure treatment. An inclination angle of a side wall of the ejection orifices formed by the first exposure treatment with respect to the substrate differs from an inclination angle of a side wall of the ejection orifices formed by the second exposure treatment with respect to the substrate.

No. of Pages : 36 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7028/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : LED LIGHTING DEVICE WITH INCANDESCENT LAMP COLOR TEMPERATURE BEHAVIOR

(51) International classification :H05B33/08

(31) Priority Document No :09154950.1

(32) Priority Date :12/03/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051053

Filing Date :11/03/2010

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

**1)TER WEEME Berend J. W.**

**2)JANS William P. M. M.**

**3)ZIJLMAN Theo G.**

**4)AKDAG Gazi**

**5)VAN DIJK Erik M. H. P.**

**6)JULICHER Paul J. M.**

**7)HONTELE Bertrand J. E.**

(57) Abstract :

In a lighting device sets of LEDs are employed using the natural characteristics of the LEDs to resemble incandescent lamp behavior when dimmed thereby obviating the need for sophisticated controls. A first set of at least one LED produces light with a first color temperature and a second set of at least one LED produces light with a second color temperature. The first set and the second set are connected in series or the first set and the second set are connected in parallel possibly with a resistive element in series with the first or the second set. The first set and the second set differ in temperature behavior or have different dynamic electrical resistance. The light device produces light with a color point parallel and close to a blackbody curve.

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.660/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :22/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : BOBBIN DELIVERING DEVICE AND AUTOMATIC WINDER

(51) International classification	:B65H	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-048096	<b>1)MURATA MACHINERY, LTD.</b>
(32) Priority Date	:04/03/2011	Address of Applicant :3 MINAMI OCHIAI-CHO,
(33) Name of priority country	:Japan	KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO 601-8326
(86) International Application No	:NA	Japan
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)KEI INOUE</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A bobbin delivering device (12) includes a bobbin introduction section (22) and an isolation section (23). A pile of yarn supplying bobbins with yarns wound thereon is introduced in the bobbin introduction section. The isolation section isolates the yarn supplying bobbins from the pile of the yarn supplying bobbins introduced into the bobbin introduction section. The bobbin introduction section further includes a reservoir member (28), a guiding member (29), and a fixed-number transporting member. The reservoir member temporarily holds the yarn supplying bobbins. The guiding member guides the yarn supplying bobbins up to the isolation section. The fixed-number transporting member is arranged between the reservoir member and the guiding member, and includes a pivoting member (31) that pivots to allow only a predetermined number of the yarn supplying bobbins from the pile of the yarn supplying bobbins in the reservoir member to be transported to the guiding member.

No. of Pages : 53 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7156/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :03/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A MUCOADHESIVE DELIVERY DEVICE SUITABLE FOR TRANSMUCOSAL ADMINISTRATION OF FENTANYL OR FENTANYL DERIVATIVE

(51) International classification :A61K9/00  
(31) Priority Document No :60/832,725  
(32) Priority Date :21/07/2006  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2007/16634  
Filing Date :23/07/2007  
(87) International Publication No :WO/2008/011194  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :925/CHENP/2009  
Filed on :23/07/2007

(71)Name of Applicant :  
**1)BIODELIVERY SCIENCES INTERNATIONAL, INC.**  
Address of Applicant :801 CORPORATE CENTER  
DRIVE, SUITE #210, RALEIGH, NORTH CAROLINA 27607  
U.S.A.  
(72)Name of Inventor :  
**1)VASISHT, NIRAJ**  
**2)FINN, ANDREW**

(57) Abstract :

A mucoadhesive delivery device suitable for transmucosal administration of fentanyl or fentanyl derivative The present invention relates to a mucoadhesive delivery device suitable for transmucosal administration of an effective amount of a fentanyl or fentanyl derivative to a subject, the mucoadhesive device comprising: a fentanyl or fentanyl derivative disposed in a mucoadhesive polymeric diffusion environment, wherein the pH of the mucoadhesive polymeric diffusion environment is between about 6.5 and about 8; and a barrier environment disposed relative to the mucoadhesive polymeric diffusion environment such that a unidirectional gradient is created upon application of the device to a mucosal surface.

No. of Pages : 47 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.720/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : SHELTER

(51) International classification	:H05K	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:11 159	<b>1)GASSER, ERWIN</b>
(32) Priority Date	135.0	Address of Applicant :STOCKHORNWEG 7, CH-3123
(33) Name of priority country	:22/03/2011	BELP Switzerland
(86) International Application No	:EPO	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)GASSER, ERWIN</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In a shelter comprising an enclosure (2, 131, 141) for delimiting an air-conditionable enclosure interior and a container (16, 17, 66, 147) that is externally mounted to the enclosure (2, 131, 141) and has a container space for receiving a cooling installation (67, 91, 102), a superior protection against detrimental exterior influences shall be provided so that a reliable and energy-efficient cooling of the enclosure interior is ensured. To solve this problem it is suggested that the enclosure (2, 131, 141) comprises at least one passage (23, 61, 145) for heat recirculation from the enclosure interior to the container space.

No. of Pages : 52 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.720/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : FREE FORM LIGHTING MODULE

(51) International classification	:G02B6/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:09165013.5	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:09/07/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/053085	(72) <b>Name of Inventor :</b>
Filing Date	:06/07/2010	<b>1)VAN DIJK Erik Martinus Hubertus Petrus</b>
(87) International Publication No	: NA	<b>2)BOONEKAMP Erik</b>
(61) Patent of Addition to Application Number	:NA	<b>3)VAN DER WAL Rene Henri Wouter</b>
Filing Date	:NA	<b>4)DINGEMANS Antonius Petrus Marinus</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides an illumination device (1) comprising (a) a waveguide element (20) comprising a first face (21), a second face (22), and a waveguide edge (23), and (b) a LED light source (10), arranged to generate light source light (17), with optional collimating optics (11). The LED light source (10) with optional collimating optics (11) is arranged to couple at least part of the light source light (17) into the waveguide element (20) via the waveguide edge (23) of the waveguide element (20). The first face (21) comprises structures (51) arranged to couple at least part of the light out of the waveguide element (20) via the second face (22) to provide second face light (37). The illumination device (1) further comprises a cavity (80), arranged to allow light to escape from the waveguide element (20) into the cavity (80), and a reflector (81), arranged to reflect at least part of the light in the cavity (80) in a direction away from the second face (22) to provide first face light (47). Such an illumination device may allow lighting a room, for instance via the ceiling with uplight, and lighting a specific area in the room with downlight. Further, a relatively thin illumination device may be provided, which may for instance suspend from a ceiling.

No. of Pages : 34 No. of Claims : 15



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4276/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SMOKED MASMIN FLAKES AND A PROCESS FOR PREPARING THE SAME

(51) International classification

:A23L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH**

Address of Applicant :KRISHI BHAVAN, NEW DELHI - 110 114 India

(72)Name of Inventor :

**1)DR. SRINIVASA GOPAL TERALANDUR KRISHNASWAMY**

**2)YATHAVAMOORTHY RAMAKRISHNAN**

**3)MUMTHAZ VALIYAVELIKAKATH RASHID**

**4)DR. BINDU JAGANATH**

**5)DR. SUSEELA MATHEW**

(57) Abstract :

The invention relates to a process of preparing smoked masmin flakes and product thereof. The process comprises of mixing minced tuna meat with salt and made into paste. The paste is stuffed inside a stainless steel mold and steam cooked. Then smoking was done in a mechanical smoking kiln and dried till the moisture reaches below 30%. Further by means of flaking machine masmin flakes are produced and dried again to get the product of moisture content below 10%. Masmin flakes are subsequently packed in polyester/polythene laminated pouches and stored at room temperature.

No. of Pages : 12 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4277/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : RESPIRATORY SIGNAL PROCESSING APPARATUS, RESPIRATORY SIGNAL PROCESSING METHOD, AND PROGRAM

(51) International classification

:A61M

(31) Priority Document No

:P2010-  
278706

(32) Priority Date

:15/12/2010

(33) Name of priority country

:Japan

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)SONY CORPORATION**

Address of Applicant :1-7-1 KONAN, MINATO-KU,  
TOKYO Japan

(72)Name of Inventor :

**1)MOTOTSUGU ABE**

**2)CHIKA MYOGA**

**3)MASAYUKI NISHIGUCHI**

(57) Abstract :

A respiratory signal processing apparatus includes a pulse-based component detection unit configured to detect a pulse-based component from a first signal acquired from a living being, and a pulse-based component removal unit configured to remove the detected pulse-based component from a second signal acquired from the living being, the second signal including respiratory sounds.

No. of Pages : 88 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.704/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : PUMPING HEAD

(51) International classification	:F04B
(31) Priority Document No	:11156280.7
(32) Priority Date	:28/02/2011
(33) Name of priority country	:EPO
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)Delphi Technologies Holding S.Ã r.l.**  
Address of Applicant :Avenue de Luxembourg L-4940  
Bascharage G. D. of Luxembourg  
(72)**Name of Inventor :**  
**1)MCHATTIE James**

(57) Abstract :

A pumping head (200; 300) for a high-pressure fuel pump is disclosed. The pumping head comprises a head housing (204) having a bore (206) a pumping element (202) slidably received in the bore (206) and arranged for reciprocal linear movement along a pumping axis (Q) in alternating forward and return strokes together defining a pumping cycle a first pumping chamber (240) and a second pumping chamber (242) each pumping chamber (240 242) being defined in part by the pumping element (202) inlet means (290; 314) for delivering fluid to the first pumping chamber (240) from a source of fluid outlet means (246 248) for conveying fluid from the second pumping chamber (242) to an outlet (244) of the pumping head and transfer means (260 262) for conveying fluid from the first pumping chamber (240) to the second pumping chamber (242). Each forward stroke of the pumping element (202).

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.705/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : A REMOVABLE BARRIER DEVICE

(51) International classification	:E05B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:11 51621	<b>1)COCKERILL MAINTENANCE &amp; INGENIERIE SA</b>
(32) Priority Date	:28/02/2011	Address of Applicant :Avenue Greiner 1 4100 Seraing
(33) Name of priority country	:France	Belgium
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SMAGGHE Christian</b>
(87) International Publication No	: NA	<b>2)GODEFROY Laurent</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A removable barrier device comprising at least a bracket provided with means for fastening it to the floor and a housing for receiving at least a base portion of the barrier the device including locking means for locking the base portion in position in the housing the locking means being attached to the device and comprising at least one lock that is movable between locking and release positions for the base relative to the bracket and a manual control member for controlling the lock.

No. of Pages : 14 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.721/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : MULTIFUNCTION SENSOR SYSTEM AND METHOD FOR SUPERVISING ROOM CONDITIONS

(51) International classification	:G01N29/024	(71)Name of Applicant :
(31) Priority Document No	:09164730.5	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:07/07/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/052884	(72)Name of Inventor :
Filing Date	:24/06/2010	<b>1)PASVEER Willem F.</b>
(87) International Publication No	: NA	<b>2)DIRKSEN Peter</b>
(61) Patent of Addition to Application Number	:NA	<b>3)SREEDHARAN NAIR Biju K.</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention refers to a multifunction sensor system and a corresponding method for supervising room conditions comprising a temperature sensor a humidity sensor an ultrasonic transducer for emitting ultrasonic waves and being positioned in a fixed distance to a reflecting fixed reflective surface. For calculating the CO2 concentration in the supervised room the time of flight of ultrasonic waves between the transducer and the fixed reflective surface is measured and the CO2 concentration is calculated from the output values of the temperature sensor the humidity sensor and the measured time of flight.

No. of Pages : 18 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4319/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :12/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A CONTINUOUS PROCESS TO MANUFACTURE HEXA-CHLORO ETHANE FROM LOWER CHLORINATED ETHYLENE BY PHOTOSYNTHESIS

(51) International classification

:C07C

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)RANGACHARY VASUDEVAN**

Address of Applicant :101, PANORAMA, MOTILAL

ESTATE, MOTILAL NEHRU NAGAR, BEGUMPET,  
HYDERABAD - 500 016 Andhra Pradesh India

(72)Name of Inventor :

**1)RANGACHARY VASUDEVAN**

(57) Abstract :

Disclosed is a continuous process to manufacture Hexa-Chloro Ethane from lower chlorinated ethylene (Per chloro Ethylene) using Solar energy. The process provides instant chlorination due to the reaction setup to form Hexa-Chloroethane. The said process helps in making the final product moisture free, economical and safer to use be used in Aluminium smelter plants.

No. of Pages : 12 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4320/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :12/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : NOVEL APPLICATION OF SODIUM ALGINATE AS BIODEGRADABLE CARRIER IN CONTROLLED RELEASE SUBGINGIVAL DELIVERY FILMS

(51) International classification

:A61K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)KATAKAM PRAKASH**

Address of Applicant :H.NO.8/LIGH-1, UDAYA NAGAR COLONY, S.R. NAGAR, HYDERABAD - 500 038, AP, INDIA.

(72)Name of Inventor :

**1)CHANDU BABU RAO**

**2)SHANTA KUMARI KATAKAM**

**3)S. A. RAHAMAN**

(57) Abstract :

The present invention relates to novel application of sodium alginate as biodegradable carrier in controlled release subgingival delivery films. More particularly, the present invention provides preparation and evaluation cephalixin controlled release subgingival films using biodegradable sodium alginate polymer. The present invention provides the equipment necessary for the present invention was fabricated and employed for casting of sodium alginate subgingival films. Subgingival films of drug:polymer in various proportions (10:90, 25:75, 50:50 and 75:25) were prepared using solvent casting method. A 10% w/v CaCl<sub>2</sub> solution was used for gelation of the films. As polymer concentration is increased the smoothness of the films increased. The thickness of films varied from 146±5 to 312± 15 µm which is well below the recommended thickness (0.24 µg/ml) up to 120 hrs which is sufficient to inhibit the growth of the micro-organisms. The rate of drug release was inversely proportional to polymer concentration in the formulations. The low K<sub>i</sub> and 'r' values obtained may be due to biphasic drug release pattern. The drug release was due to diffusion only in second phase of dissolution. All the films have shown to have integrity even after 5 days of dissolution studies. The formulations C1 and C2 which contain 90 and 75% w/w of polymer could be employed for controlled delivery of cephalixin for 5 days in subgingival infections. The present invention provide sodium alginate, being a biodegradable polymer is a good choice as drug carrier and all the drugs that are used to treat periodontitis can be employed for local delivery into subgingival cavity using sodium alginate films.

No. of Pages : 14 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4322/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :12/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : EXTRUDED FISH PRODUCT UTILIZING LOW VALUE FISH AND A PROCESS FOR PREPARING THE SAME

(51) International classification	:A23L	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH</b>
(32) Priority Date	:NA	Address of Applicant :KRISI BHAVAN, NEW DELHI-110114 India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)DR. SRINIVASA GOPALTERALANDUR</b>
Filing Date	:NA	<b>KRISHNASWAMY</b>
(87) International Publication No	: NA	<b>2)DR. RAVISHANKAR CHANDRAGIRI</b>
(61) Patent of Addition to Application Number	:NA	<b>NAGARAJARAO</b>
Filing Date	:NA	<b>3)KAMALAKANTH CHANDRASEKHARAN</b>
(62) Divisional to Application Number	:NA	<b>KAMALAKSHI</b>
Filing Date	:NA	<b>4)JONES VARKEY</b>

(57) Abstract :

The present invention relates to a process of preparing extruded fish product and product thereof. The process comprises of obtaining the fish, Pink Perch (*Nemipterus japonicas*) fresh from the landing centre and dressed, washed thoroughly with potable water and meat was separated using meat-bone separator. The required quantity of the feed ingredients comprising of cereal flours, fish mince, salt and spices etc. are mixed and water is added to make up the moisture level. The feed mix is then sieved and kept for moisture equilibration for a period of time. The feed mix is fed into the extruder and the product obtained is coated with spice mixture in a coating pan. The product is then packed in a pouch made 12u metallised polyester film laminated with 60p polythene with nitrogen gas filling.

No. of Pages : 12 No. of Claims : 5



(12) PATENT APPLICATION PUBLICATION

(21) Application No.6150/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :26/08/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A COSMETIC FORMULATION

(51) International classification :A61K8/00  
(31) Priority Document No :03405542.6  
(32) Priority Date :16/07/2003  
(33) Name of priority country :EPO  
(86) International Application No :PCT/EP04/051379  
Filing Date :07/07/2004  
(87) International Publication No :WO/2005/013931  
(61) Patent of Addition to Application  
Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :146/CHENP/2006  
Filed on :07/07/2004

(71)Name of Applicant :

**1)CIBA HOLDING INC.**

Address of Applicant :KLYBECKSTRASSE 141, CH-4057  
BASEL Switzerland

(72)Name of Inventor :

**1)SCHNYDER, MARCEL**

**2)BASCHONG, WERNER**

(57) Abstract :

This invention relates to a cosmetic formulation, which comprises (a) 0.05 to 1.0% by weight of a halogenated hydroxydiphenyl ether compound of formula wherein the substituents are as described in the description; (b) 0.01 to 2.0% by weight at least one further skin-lightening active ingredient selected from the group described in the description; (c) 0.1 to 15.0% by weight at least one UV-absorber selected from the group described in the description; (d) 0.01 to 5.0% by weight of an antioxidant, and up to 100 % cosmetically acceptable adjuvants or carriers.

No. of Pages : 67 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6159/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :26/08/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PICTURE CODING METHOD AND PICTURE DECODING METHOD

(51) International classification :G06T9/00  
(31) Priority Document No :2002-110424  
(32) Priority Date :12/04/2002  
(33) Name of priority country :Japan  
(86) International Application No :PCT/JP2003/04538  
Filing Date :10/04/2003  
(87) International Publication No :WO/2003/088677  
(61) Patent of Addition to Application  
Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :1961/CHENP/2003  
Filed on :10/04/2003

(71)**Name of Applicant :**  
**1)PANASONIC CORPORATION**  
Address of Applicant :1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501 Japan  
(72)**Name of Inventor :**  
**1)KADONO, SHINYA**  
**2)ABE, KIYOFUMI**  
**3)KONDO, SATOSHI**  
**4)HAGAI, MAKOTO**

(57) Abstract :

The present invention provides an image coding method and an image decoding method by which an image can be restored correctly even if part of memory management information is lost by a transmission channel error, a candidate of a reference image that can be referred to is selected more appropriately, and coding efficiency is improved. The image coding method includes a step for executing coding of an image (Step 100), a step for judging whether a picture in the memory which is never used as reference exists (Step 102), a step for coding memory management information for releasing the picture in the memory which is never used as reference when a picture in the memory which is never used as reference-exists (Step 103), a step for releasing the picture in the memory which is never used as reference (Step 104), a step for judging whether the memory management information that releases the picture in the memory which is never used as reference is coded by coding of an image immediately before (Step 105), and a step for coding again the memory management information that releases the picture in the memory which is never used as reference when the memory management information is coded (Step 106).

No. of Pages : 118 No. of Claims : 2

(54) Title of the invention : STIMULI-RESPONSIVE CARRIERS FOR MPI-GUIDED DRUG DELIVERY

(51) International classification	:A61K9/00	(71)Name of Applicant :
(31) Priority Document No	:09164301.5	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:01/07/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/052918	(72)Name of Inventor :
Filing Date	:25/06/2010	1)BURDINSKI Dirk
(87) International Publication No	: NA	2)PIKKEMAAT Jeroen A.
(61) Patent of Addition to Application	:NA	3)SCHMITT Bertrand
Number	:NA	4)GRUELL Holger
Filing Date	:NA	5)LANGEREIS Sander
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a composition comprising a shell structure forming a cavity, wherein said shell structure comprises a drug and wherein said composition is associated with at least one contrast agent; wherein said shell structure is capable of releasing its contents into the exterior upon the application of an external stimulus and wherein said contrast agent comprises magnetic particles which are capable of being detected by Magnetic Particle Imaging (MPI), wherein at least more than 5% (w/w) of the magnetic particles comprised in said contrast agent have a magnetic moment of at least  $10^{-18}$  m<sup>2</sup> A, wherein said magnetic particles are preferably composed of Fe, Co, Ni, Zn or Mn or alloys thereof or oxides of any of these. The present invention further relates to the use of such a composition or a composition comprising a shell structure forming a cavity, wherein said shell structure comprises a drug and wherein said composition is associated with at least one contrast agent, wherein said contrast agent is capable of being detected by MPI and wherein said shell structure is capable of releasing its contents into the exterior upon the application of an external stimulus as a carrier for a controlled delivery of a drug, as well as to a method of data acquisition for the control of a drug delivery process comprising the detection or localization via MPI of such compositions. In a further aspect the present invention relates to such compositions for treating a pathological condition, wherein the treatment comprises the release of the drug by the application of a stimulus.

No. of Pages : 54 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.625/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : DESCRIPTION OF A ROAD SEGMENT USING ISO 17572-3

(51) International classification	:G01C	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:11 158	<b>1)HARMAN BECKER AUTOMOTIVE SYSTEMS</b>
(32) Priority Date	:17/03/2011	<b>GMBH</b>
(33) Name of priority country	:EPO	Address of Applicant :BECKER-GORING-STR. 16, 76307
(86) International Application No	:NA	KARLSBAD Germany
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)HINZ, OLE</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method for providing a description of a road segment using locations stored in a geographic database, the description of the road segment being output to a user, the road segment being identified in the geographic database on the basis of location reference points allowing a unique identification of said road segment in the geographic database based on a Dynamic Location references technique according to ISO 17572-3, the method comprising the steps of: - providing two first location reference points with which a greater road section including said road segment is described, wherein one of the two first location reference points corresponds to a geographic object located at a first end of said greater road section and the other of the two first location reference points corresponds to a geographic object located at a second end of said greater road section, - providing two second location reference points with which a position of the road segment within said greater road section is geographically defined more precisely by defining a subsection of the greater road section in which the road' segment is located using the two second location reference points. .

No. of Pages : 27 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.727/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : VEHICLE NAVIGATION DEVICE AND METHOD

(51) International classification	:G01C	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:EP 11 156 376.3	<b>1)HARMAN BECKER AUTOMOTIVE SYSTEMS GMBH</b>
(32) Priority Date	:01/03/2011	Address of Applicant :BECKER-GORING-STRASSE 16
(33) Name of priority country	:EPO	76307 KARLSBAD Germany
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SPINDLER CC</b>
(87) International Publication No	: NA	<b>2)WELSCHER JUERGEN</b>
(61) Patent of Addition to Application Number	:NA	<b>3)FISCHER MARTIN</b>
Filing Date	:NA	<b>4)SCHUETZ SIMON</b>
(62) Divisional to Application Number	:NA	<b>5)IVANOV VLADIMIR</b>
Filing Date	:NA	

(57) Abstract :

Vehicle navigation devices comprising a map database are disclosed. The map database includes information (42, 43) relating to additional road information icons which may serve to differentiate different roads having the same road number.

No. of Pages : 22 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.727/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : APPARATUSES AND METHODS FOR MANAGING LIQUID VOLUME IN A CONTAINER

(51) International classification	:G01F23/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:200910158477.1	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:08/07/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:China	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/053083	(72) <b>Name of Inventor :</b>
Filing Date	:06/07/2010	<b>1)ZHAO Ying</b>
(87) International Publication No	: NA	<b>2)SHE Jun</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention proposes an apparatus (100) and method for managing the liquid volume in a container. The apparatus (100) comprises a detector (101) for detecting liquid volume changes in said container during a first preset period a first determiner (102) for determining whether said changes are lower than said first preset threshold value and a presenter (103) for presenting the first prompt information in the case of said changes being lower than said preset threshold value. The apparatus and method provided in the present invention can prompt people to drink drinkable liquids such as water in time enable people to control their drinking intake and are beneficial to their health.

No. of Pages : 21 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7275/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :07/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF A 2-(N-ALKYL)-3-CARBOXYBENZOFURAN OF FORMULA (II)

(51) International classification	:C07D307/80	(71)Name of Applicant :
(31) Priority Document No	:0315398	1)CLARIANT SPECIALTY FINE CHEMICALS
(32) Priority Date	:24/12/2003	(FRANCE)
(33) Name of priority country	:France	Address of Applicant :52 AVENUE DES CHAMPS
(86) International Application No	:PCT/IB2004/004158	PIERREUX, NANTERRE-92000 France
Filing Date	:15/12/2004	(72)Name of Inventor :
(87) International Publication No	:WO/2005/066149	1)SHOUTTEETEN, ALAIN
(61) Patent of Addition to Application	:NA	2)BLEGER, FRANCOIS
Number	:NA	3)MORDACQ, FRANCOISE
Filing Date	:NA	4)PIRON, JEROME
(62) Divisional to Application Number	:2324/CHENP/2006	
Filed on	:15/12/2004	

(57) Abstract :

A process for the preparation of a 2-(n-alkyl)-3-carboxybenzofuran of formula (II), characterized in that a 3-(1-hydroxyalkylidene)-3H-benzofuran-2-one of formula (VI): or its 3-alkanoyl-3H-benzofuran-2-one ketonic tautomeric form of formula (VII): in which R<sup>4</sup> and R'<sup>1</sup> have the meanings already indicated in Claim 16, is treated by heating and by an acid catalyst in concentrated aqueous solution at at least 80% by weight and then in that the expected product of formula (II) is isolated.

No. of Pages : 16 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.728/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR INTEGRATED PACED BREATHING AND INHALATION THERAPY

(51) International classification :A61M16/14

(31) Priority Document No :61/224118

(32) Priority Date :09/07/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2010/052714

Filing Date :16/06/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

**1)IYER Vijay Kumar**

(57) Abstract :

The invention provides systems and methods for providing integrated paced breathing and inhalation therapy to a patient. Paced breathing includes alternately providing a high and a low airway pressure to a respiratory system of the patient using a breathing circuit wherein the high airway pressure coincides with inhalation by the patient and the low airway pressure coincides with exhalation by the patient. A therapeutic substance is delivered to the respiratory system of the patient during the provision of high airway pressure to the respiratory system of the patient wherein delivery of the compound to the respiratory system of the patient is discontinued during provision of low airway pressure to the respiratory system of the patient.

No. of Pages : 29 No. of Claims : 11



(12) PATENT APPLICATION PUBLICATION

(21) Application No.6798/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SHUTTER LOCK

(51) International classification :F21S8/00  
(31) Priority Document No :2009200881  
(32) Priority Date :06/03/2009  
(33) Name of priority country :Australia  
(86) International Application No :PCT/IB2010/050971  
Filing Date :05/03/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)SELL Lincoln**  
**2)FILBEE Dylan**  
**3)DORE Duncan**

(57) Abstract :

The present invention relates to a lighting apparatus or a shutter assembly for a lighting apparatus comprising: a light path for passage of light emanating from a lamp at least one shutter plate 130 133 moveable into a position external to or at least partially across the light path and a rotatable shutter lock 180 being rotatable to directly or indirectly generate a friction force on the shutter plate 130 - 133 wherein the friction force generated on the shutter plate 130 133 is dependent on the rotational position of the shutter lock 180 and in at least one rotational position there is sufficient frictional force to retain the shutter plate 130 133 in the position external to or across the light path.

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.730/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : CONVEYOR

(51) International classification	:C04B	(71)Name of Applicant :
(31) Priority Document No	:10 2011	<b>1)Homag Holzbearbeitungssysteme GmbH</b>
(32) Priority Date	004 820.0	Address of Applicant :Homagstrasse 3-5 72296
(33) Name of priority country	:28/02/2011	Schopfloch Germany
(86) International Application No	:Germany	(72)Name of Inventor :
Filing Date	:NA	<b>1)GRINGEL Martin</b>
(87) International Publication No	:NA	<b>2)FETSCHER Dr. Joachim</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus (1) for conveying in a direction of conveyance and preferably also for machining workpieces (2) comprising: at least one moveable or revolving conveying means (10 20 30) by means of which the workpieces can be held directly or indirectly in order to convey the latter in the direction of conveyance and a carrying structure (40 ; 50 ; 60 ; 70; 80) which is arranged to dissipate supporting or reaction forces of the at least one conveying means (10 20 30) characterised in that the carrying structure (40 ; 50 ; 60 ; 70; 80) is made at least partially of cement-bonded concrete in particular UHPC and/or fibre-reinforced concrete with a bending tensile strength of at least 15 MPa and/or a water/binding agent value of maximum 0.30.

No. of Pages : 18 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.730/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : USER FRIENDLY ENTRY OF TEXT ITEMS

(51) International classification :G06F3/023  
(31) Priority Document No :09165121.6  
(32) Priority Date :10/07/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053021  
Filing Date :01/07/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application  
Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)ALIAKSEYEU Dzmitry Viktorovich**  
**2)BEREZHNYY Igor**

(57) Abstract :

A system is described for predictive text entry. Initially the items that may be entered by the user are displayed. The user can navigate through these items and enter one of them to a text string (130). A predictive text entry algorithm is used which depending on the previously entered item determines items which are likely to be entered next. A plurality of these items (140) for example two or three is displayed. The user can then select any one of these items without navigating through the displayed items.

No. of Pages : 15 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.731/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : CURRENT CONDUCTOR

(51) International classification	:H03F	(71)Name of Applicant :
(31) Priority Document No	:1100617	<b>1)SCHNEIDER ELECTRIC INDUSTRIES SAS</b>
(32) Priority Date	:01/03/2011	Address of Applicant :35 rue Joseph Monier 92500 Rueil
(33) Name of priority country	:France	Malmaison France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)VAN DOOREN Didier</b>
(87) International Publication No	: NA	<b>2)REPELIN Jean-Marc</b>
(61) Patent of Addition to Application Number	:NA	<b>3)GERBIER Philippe</b>
Filing Date	:NA	<b>4)LEPRETRE Pascal</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An improved bar has been developed for current conduction. In particular its cross-section (10) has been designed to limit the quantity of material necessary to transmit a given rated current. The material is mainly located on the same side as the surface containing the connecting groove (22) and the contact tracks (20). The use of this type of profile enables losses by Joule effect to be reduced for an equivalent cross-section and aluminium to be used for example for strong amperages. The solution enables fast erection and electric connection and is suitable for high-amperage and/or three-phase currents.

No. of Pages : 20 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.731/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : FALL PREVENTION

(51) International classification :A61B5/103

(31) Priority Document No :09165127.3

(32) Priority Date :10/07/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/053090

Filing Date :06/07/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

**1)TEN KATE Warner Rudolph Theophile**

(57) Abstract :

There is provided a method of determining a fall risk of a user the method comprising collecting measurements of the motion of the user estimating a value for a parameter related to the gait of the user from the measurements and determining a fall risk for the user from a comparison of the estimated value with a normal value for the parameter determined from motion of the user in which the user is at their normal risk of falling.

No. of Pages : 26 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.619/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : RULE BASED DECISION SUPPORT AND PATIENT-SPECIFIC VISUALIZATION SYSTEM FOR OPTIMAL CANCER STAGING

(51) International classification	:G06T7/00	(71)Name of Applicant :
(31) Priority Document No	:61/222675	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:02/07/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:U.S.A.	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/052670	(72)Name of Inventor :
Filing Date	:15/06/2010	<b>1)OPFER Roland</b>
(87) International Publication No	: NA	<b>2)LORENZ Christian</b>
(61) Patent of Addition to Application Number	:NA	<b>3)WIEMKER Rafael</b>
Filing Date	:NA	<b>4)SPIES Lothar</b>
(62) Divisional to Application Number	:NA	<b>5)SHECHTER. Guy</b>
Filing Date	:NA	

(57) Abstract :

A system including a display and a processor and a corresponding method for identifying a tumor in a patient image classifying the tumor based on a predetermined classification system and determining a recommendation regarding a lymph node biopsy based on the tumor identified in the patient image the classification of the tumor and a predetermined rule.

No. of Pages : 16 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7361/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :11/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : N-SULFONYLDICARBOXIMIDE CONTAINING TETHERING COMPOUNDS

(51) International classification :C07D 207/404  
(31) Priority Document No :10/714,053  
(32) Priority Date :14/11/2003  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US04/37778  
Filing Date :12/11/2004  
(87) International Publication No :WO/2005/049565  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :1674/CHENP/2006  
Filed on :12/11/2004

(71)Name of Applicant :  
**1)3M INNOVATIVE PROPERTIES COMPANY**  
Address of Applicant :3M CENTER, P O BOX 33427,  
SAINT PAUL MN 55133-3427 U.S.A.  
(72)Name of Inventor :  
**1)BENSON, KARL, E.**  
**2)DAVID, MOSES, M.**  
**3)KIPKE, CARY, A.**  
**4)LAKSHMI, BRINDA, B.**  
**5)LEIR, CHARLES, M.**  
**6)MOORE, GEORGE, G.I.**  
**7)SHAH, RAHUL, R.**

(57) Abstract :

The present invention relates to a N-sulfonyldicarboximide containing tethering compound of Formula II: having two reactive groups to immobilize an amine-containing material to a substrate. The first reactive functional group can be used to provide attachment to a surface of a substrate. The second reactive functional group is a N-sulfonyldicarboxamide group that can be reacted with an amine-containing material, particularly a primary aliphatic amine, to form a connector group between the substrate and the amine-containing material. The invention also provides articles comprising a substrate and a substrate-attached tethering group comprising a reaction product of a complementary functional group G on a surface of the substrate with a N-sulfonyldicarboximide containing tethering compound of the present invention.

No. of Pages : 123 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7370/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :12/10/2011

(43) Publication Date : 21/06/2013

54) Title of the invention : INFORMATION READING/OUTPUT DEVICE•

(51) International classification :G06F 3/042  
(31) Priority Document No :2009-060897  
(32) Priority Date :13/03/2009  
(33) Name of priority country :Japan  
(86) International Application No :PCT/J 2010/054354  
Filing Date :15/03/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :  
**1)YOSHIDA Kenji**  
Address of Applicant :9-14-2302 Koishikawa 1-Chome  
Bunkyo-ku Tokyo 1120002 Japan  
(72)Name of Inventor :  
**1)YOSHIDA Kenji**

(57) Abstract :

One piece of code information is associated with a plurality of contents and a content desired by a user is selected and output to an output device. When the voice recorder 1 of the invention for example is turned on by an on-off switch 9 and reads out a dot pattern from a text region English 1 of an English learning workbook the voice recorder analyzes the read image outputs code information refers to the input code information and outputs a sound of an English teacher as a content corresponding to mode 1 from a speaker 3. Input of the same code information in mode 2 causes a recorded sound of the learner to be output and input of the same code information in mode 3 causes the sound of the English teacher and the recorded sound of the learner to be simultaneously played.

No. of Pages : 63 No. of Claims : 11



(12) PATENT APPLICATION PUBLICATION

(21) Application No.739/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : POWER CONVERTER

(51) International classification	:F03D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-088832	<b>1)KABUSHIKI KAISHA YASKAWA DENKI</b>
(32) Priority Date	:13/04/2011	Address of Applicant :2-1, KUROSAKI-SHIROISHI,
(33) Name of priority country	:Japan	YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA 806-
(86) International Application No	:NA	0004 Japan
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)TAKASHI AOKI</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A power converter includes: a plurality of heat generators, at least some of which are arranged within a wind tunnel portion; and a housing for enclosing the wind tunnel portion through which a cooling air flows. The wind tunnel portion includes a first and second duct each having a cooling air inlet and outlet port, a cooling air flow path, and a blower fan. Further, the cooling air flow paths overlap with each other in a parallel arrangement relationship; the cooling air inlet ports of the first duct and the second duct, and the cooling air outlet ports of the first duct and the second duct are arranged adjacent to each other; and the heat generators divisionally arranged within the first duct and the second duct.

No. of Pages : 32 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7394/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :12/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : NOVEL PEPTIDE-BASED SCAFFOLDS FOR CARTILAGE REGENERATION AND METHODS FOR THEIR USE

(51) International classification :A61K 38/00  
(31) Priority Document No :61/168,894  
(32) Priority Date :13/04/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2010/030955  
Filing Date :13/04/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :  
**1)Northwestern University**  
Address of Applicant :633 Clark Street Evanston IL 60208  
U.S.A.  
(72)Name of Inventor :  
**1)SHAH Ramille N.**  
**2)SHAH Nirav A.**  
**3)STUPP Samuel I.**

(57) Abstract :

Disclosed herein are novel peptide amphiphile molecules and compositions composed of a peptide sequence that non-covalently binds the growth factor TGF- $\beta$ 1. Also disclosed are methods of using these peptide amphiphiles to create a gel scaffold in situ that enhances articular cartilage regeneration when used in combination with microfracture. Significant improvement in tissue quality and overall O<sup>TM</sup>Driscoll histological scores were observed in rabbits with full thickness articular cartilage defects treated with the TGF-binding peptide amphiphile. The gel can further serve as a delivery vehicle for recombinant TGF- $\beta$ 1 protein growth factor. Scaffolds that localize and retain chondrogenic growth factors may synergistically enhance cartilage repair when combined with microfracture by inducing bone marrow mesenchymal stem cells into chondrogenic differentiation. This invention represents a promising new biomimetic approach to enhance current techniques of articular cartilage regeneration in the clinical setting.

No. of Pages : 49 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(21) Application No.494/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :09/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND DEVICE FOR PROVIDING A RAW MATERIAL FOR THE PRODUCTION OF PET CONTAINERS

(51) International classification

:A01K

(31) Priority Document No

:10 2011

(32) Priority Date

004 151.6

(33) Name of priority country

:15/02/2011

(86) International Application No

:Germany

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

: NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)KRONES AG**

Address of Applicant :BÄhmerwaldstrasse 5 93073

Neutraubling Germany

(72)Name of Inventor :

**1)KAJ FÄHRER**

(57) Abstract :

Described is a method and a device for providing a raw material for the production of PET containers the raw material being mixed from recycled PET (r-PET) and virgin PET (v-PET). In order to optimize both the plant and the method it is proposed to add the v-PET in a quantitatively controlled manner to the r-PET prior to the last heating of the r-PET or to the heated r-PET.

No. of Pages : 9 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.740/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : POWER CONVERTER

(51) International classification	:B62D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-088831	<b>1)KABUSHIKI KAISHA YASKAWA DENKI</b>
(32) Priority Date	:13/04/2011	Address of Applicant :2-1, KUROSAKI-SHIROISHI,
(33) Name of priority country	:Japan	YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA 806-
(86) International Application No	:NA	0004 Japan
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)SHIGEKATSU NAGATOMO</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A power converter for converting a direct-current power to an alternating-current power or converting an alternating-current power to a direct-current power, includes a box-shaped housing having a front surface, a rear surface, a left surface, a right surface, an upper surface, a lower surface and an opening formed in the front surface. The power converter further includes a reinforcing member including a first reinforcing member and a second reinforcing member which are provided in an internal space of the housing near the opening to intersect each other, the first reinforcing member joined to the left surface and the right surface of the housing, the second reinforcing member joined to the upper surface and the lower surface of the housing.

No. of Pages : 40 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7426/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : IMPROVED DIESEL EXHAUST FILTER

(51) International classification :B01D 53/94

(31) Priority Document No :60/499,130

(32) Priority Date :29/08/2003

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2004/27852

Filing Date :27/08/2004

(87) International Publication No :WO/2005/021138

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :683/CHENP/2006

Filed on :27/08/2004

(71)Name of Applicant :

**1)DOW GLOBAL TECHNOLOGIES LLC**

Address of Applicant :2040 DOW CENTER, MIDLAND,  
MICHIGAN 48674 U.S.A.

(72)Name of Inventor :

**1)LI, CHENG, G.**

**2)ZIEBARTH, ROBIN, P.**

**3)CORNELL, MARTIN C.**

**4)SWARTZMILLER, STEVEN, B.**

(57) Abstract :

The present invention relates to a process for depositing precipitated metal ions on the surfaces of a rigid porous wall, comprising the steps of: (a) forming a liquid solution of metal ions, a gelling agent and a precipitating agent in a solvent, the concentration of gelling agent being sufficient to gel the liquid solution at an elevated temperature, the precipitating agent being unstable at elevated temperature so that the precipitating agent decomposes to produce a product that precipitates at least a portion of the metal ion to form a precipitated metal ion; (b). filling at least a portion of the pore volume of the rigid porous wall with the liquid solution of metal ions, a gelling agent and a precipitating agent in a solvent to form a filled structure; (c) elevating the temperature of the filled structure to gel the liquid solution of metal ions, a gelling agent and a precipitating agent in a solvent and to precipitate metal ion; (d) further elevating the temperature of the filled structure to vaporize the solvent and the gelling agent from the filled structure leaving behind precipitated metal ion deposited on at least a portion of the surfaces of the rigid porous wall.

No. of Pages : 18 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.743/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : LITHOGRAPHIC PRINTING PLATE PRECURSOR AND PLATE MAKING METHOD THEREOF

(51) International classification	:G03F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-043397	<b>1)FUJIFILM Corporation</b>
(32) Priority Date	:28/02/2011	Address of Applicant :26-30 Nishiazabu 2-chome Minato-
(33) Name of priority country	:Japan	ku Tokyo Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SUZUKI Shota</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A lithographic printing plate precursor includes in the following order: a support; an image-recording layer which is capable of forming an image by removing an unexposed area of the image-recording layer with at least one of printing ink and dampening water on a printing machine after exposure and contains an infrared absorbing dye a polymerization initiator a polymerizable compound and a binder polymer having an alkylene oxide group; and a protective layer containing a hydrophilic polymer which contains at least a repeating unit represented by the formula (1) as defined herein a repeating unit represented by the formula (2) as defined herein and a repeating unit represented by the formula (4) as defined herein and in which a content of the repeating unit represented by the formula (4) is from 0.3 to 5.0% by mole based on total repeating units of the hydrophilic polymer.

No. of Pages : 70 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.523/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : PROTOCOL FOR SYNCHRONISING DATA PACKETS COLLISIONS IN A WIRELESS NETWORK

(51) International classification :H04W 74/08  
(31) Priority Document No :09163949.2  
(32) Priority Date :26/06/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/052721  
Filing Date :17/06/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
**2)NXP B.V.**  
(72)Name of Inventor :  
**1)ARGYRIOU Antonios**  
**2)PANDHARIPANDE Ashish Vijay**

(57) Abstract :

The present invention relates to a method of synchronising transmission of signals between two nodes in a network comprising at least another cooperating node. The invention consists in after reception of a clear-to-code signal (CTC) from the one node (B) broadcasting (105) a clear-to-send signal (CTS) which contains at least a timing indication from the cooperating node (C) to the first node (A) and the second node (B). After reception of the clear-to-send signal (CTS) by the first and second nodes (A B) a first signal (S1) and a second signal (S2) are transmitted (107) via the cooperating node (C) respectively from the first node (A) to the second node (B) and from the second node (B) to the first node (A) during at least a common time period depending on the timing indication. Reference:

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7461/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : VISUALIZING A VIEW OF A SCENE

(51) International classification :G06T 17/40

(31) Priority Document No :09155731.4

(32) Priority Date :20/03/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051197

Filing Date :19/03/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

**1)HABETS Raymond J. E.**

**2)OLIVAN BESCOS Javier**

**3)PETERS Joost F.**

**4)SONNEMANS Jeroen J.**

(57) Abstract :

A system for visualizing a view (1) of a scene (2) comprising a three-dimensional image and an object (3) is provided. View parameter establishing means (5) are arranged for establishing a first view parameter value based on a first object parameter value. View visualization means (6) are arranged for visualizing the view (1) of the image in accordance with the first view parameter value. Interaction means (7) are arranged for enabling a user (9) to indicate a point (12) in the view (1). Object parameter updating means (8) are arranged for updating the object parameter (11) based on the point (12) to obtain a second object parameter value. The view parameter establishing means (5) is arranged for updating the view parameter (10) based on the second object parameter value to obtain a second view parameter value.

No. of Pages : 19 No. of Claims : 14



(12) PATENT APPLICATION PUBLICATION

(21) Application No.7462/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A TESSERAL SHIM COIL FOR A MAGNETIC RESONANCE SYSTEM

(51) International classification	:G01R 33/3875	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:09155782.7	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:20/03/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/051170	(72) <b>Name of Inventor :</b>
Filing Date	:18/03/2010	<b>1)KONIJN Jan</b>
(87) International Publication No	: NA	<b>2)MULDER Gerardus B. J.</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A tesseral shim coil for shimming the magnetic field of a magnetic resonance system by generating the spherical harmonics of the sine and cosine type of the magnetic field the tesseral shim coil comprising at least four saddle coils wherein the sum of the azimuthal span of the at least four saddle coils is less than 360 degrees. First and second sets of shim coils respectively generating sine and cosine components of the shim fields are combined into a single coil layer.

No. of Pages : 26 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7463/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN ANTENNA ARRAY COMPRISING AT LEAST ONE DIPOLE ANTENNA FOR MAGNETIC RESONANCE IMAGING

(51) International classification :H01Q 1/38

(31) Priority Document No :09155787.6

(32) Priority Date :20/03/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051156

Filing Date :17/03/2010

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

**1)LAGENDIJK Jan J. W.**

**2)RAAIJMAKERS Alexander J. E.**

**3)VAN DEN BERG Cornelis A. T.**

**4)POSSANZINI Cecilia**

**5)HARVEY Paul R.**

(57) Abstract :

An antenna array adapted for magnetic resonance imaging wherein the antenna array comprises at least one antenna element wherein each antenna element comprises: - a substrate with a first side and a second side wherein the substrate comprises a dielectric material - at least one dipole antenna wherein the dipole antenna is attached to the second side of the substrate wherein the dipole antenna comprises a first connection adapted for connecting the dipole antenna to a transmission line.

No. of Pages : 35 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7465/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : ENHANCED MULTICHANNEL ACCESS FOR VERY HIGH THROUGHPUT

(51) International classification :H04W 72/12

(31) Priority Document No :61/176,427

(32) Priority Date :07/05/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/032482

Filing Date :27/04/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)QUALCOMM Incorporated**

Address of Applicant :Attn: International IP Administration  
5775 Morehouse Drive San Diego California 92121-1714  
USA.

(72)Name of Inventor :

**1)ABRAHAM Santosh P.**

**2)VERMANI Sameer**

**3)SAMPATH Hemanth**

**4)SRIDHARA Vinay**

(57) Abstract :

A method for wireless communications comprising: - transmitting information for scheduling multiple simultaneous exchanges of data frames with a plurality of wireless nodes wherein the scheduling information indicates for each of the wireless nodes at least one of a plurality of frequency band to be used for exchange of at least one of the data frames (400); and - exchanging the data frames with the wireless nodes over the plurality of frequency bands according to the scheduling information (420).

No. of Pages : 50 No. of Claims : 58

(12) PATENT APPLICATION PUBLICATION

(21) Application No.557/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : YARN CUTTING SUCKING DEVICE AND SPINNING WINDER

(51) International classification	:B65H	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-043514	<b>1)TMT MACHINERY, INC.</b>
(32) Priority Date	:01/03/2011	Address of Applicant :6TH FL., OSAKA GREEN BLDG.,
(33) Name of priority country	:Japan	2-6-26 KITAHAMA, CHUO-KU, OSAKA-SHI, OSAKA 541-
(86) International Application No	:NA	0041 Japan
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)HASHIMOTO, KINZO</b>
(61) Patent of Addition to Application Number	:NA	<b>2)KISHINE, AKINORI</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

All yarns are surely cut and sucked irrespective of the number of the yarns. A yarn cutting-sucking device 4 0 includes a cutter 43 arranged to be movable in the alignment directions' of yarns Y, a sucking unit 41 which is provided in proximity to the cutter 43 and includes a sucking pipe 45 which is movable in the alignment directions in the same manner as the cutter 43, and a cylinder 46 which is arranged to move the sucking pipe 45 along the alignment directions. As the cylinder 4 6 is driven, the cutter 43 and the sucking pipe 45 move in an alignment direction in a synchronous manner.

No. of Pages : 31 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.749/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : HIGH-PERFORMANCE, PURPOSE-DRIVEN LOGGING FOR BUSINESS PROCESSES WITH FLEXIBLE FILTERING CRITERIA

(51) International classification	:G06F
(31) Priority Document No	:13/102,828
(32) Priority Date	:06/05/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)SAP AG**  
Address of Applicant :DIETMAR-HOPP-ALLEE 16, D-69190 WALLDORF Germany  
(72)**Name of Inventor :**  
**1)BORIS KLINKER**  
**2)SOREN BALKO**

(57) Abstract :

The present disclosure involves systems, software, and computer implemented methods for filtering business process logging information at run time. One process includes receiving a set of logging information associated with execution of at least one entity, the at least one entity associated with a business process model defining a set of business process entities for performing a defined business process, identifying a process log filter rule associated with the entity, applying the identified process log filter rule to the received set of logging information to generate a filtered set of logging information associated with execution of the entity, and storing the filtered set of logging information in a process log associated with the execution of the entity. Identifying a process log filter rule associated with the entity can include identifying an entity property and determining at least one process log filter rule corresponding to the identified entity property.

No. of Pages : 39 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7492/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : Bottom control type specimen filtering container and filtering method thereof

(51) International classification	:B01D 35/00
(31) Priority Document No	:200920151032.6
(32) Priority Date	:28/04/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/072273
Filing Date	:28/04/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

**1)LIAO Qinghua**

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Siming District Xiamen City Fujian Province 361009 P.R.  
China.

(72)**Name of Inventor :**

**1)LIAO Qinghua**

(57) Abstract :

A bottom control type specimen filtering container consists of a seal plug (1) a top cap (2) a cylinder body (3) a piston rod (5) pistons (6) a clutch spring (7) a drainage needle (8) and a bottom cap (9). The piston rod (5) is disposed in a central hole (12) at the bottom of the cylinder body (3). The pistons (6) are tightly sleeved on the projections of the piston rod (5). The drainage needle (8) is fixedly connected to the lower end of the piston rod (5) through screw thread.....

No. of Pages : 16 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7523/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :17/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : MANIPULATION OF MAGNETIC PARTICLES IN A BIOLOGICAL SAMPLE

(51) International classification :G01N 33/543

(31) Priority Document No :09305253.8

(32) Priority Date :23/03/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051206

Filing Date :19/03/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

**1)DITTMER Wendy U.**

(57) Abstract :

The present invention relates to a microfluidic device to be used with a processing device comprising a magnetic supplier the microfluidic device comprising: - a chamber arranged to receive a biological sample and to comprise at least one magnetic particle and - storing means for storing information comprising a magnetic protocol in a form readable by the processing device wherein the magnetic supplier being able to generate magnetic forces on the magnetic particle(s) according to this magnetic protocol read from the storing means. The invention relates also the said processing device and to a system comprising said microfluidic device and said processing device as well as a method of manipulating the magnetic particles according to said magnetic protocol.

No. of Pages : 18 No. of Claims : 14

(54) Title of the invention : LIGHT-EMITTING DEVICE WITH A LUMINESCENT MEDIUM&NBSP; CORRESPONDING LIGHTING SYSTEM COMPRISING THE LIGHT-EMITTING DEVICE AND CORRESPONDING LUMINESCENT MEDIUM

(51) International classification	:C09K 11/77	(71)Name of Applicant :	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(31) Priority Document No	:09155914.6	Address of Applicant :	GROENEWOUDSEWEG 1
(32) Priority Date	:23/03/2009		EINDHOVEN 5621 BA NETHERLANDS
(33) Name of priority country	:EPO	(72)Name of Inventor :	<b>1)JUESTEL Thomas</b>
(86) International Application No	:PCT/IB2010/051124		<b>2)WEICHMANN Ulrich</b>
Filing Date	:16/03/2010		<b>3)OPITZ Joachim</b>
(87) International Publication No	: NA		<b>4)RONDA Cornelis R.</b>
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

The invention relates to a light emitting device (1) with high colour rendering comprising a wavelength converting member (2) with a luminescent medium for wavelength conversion of blue light and/or ultraviolet light (10) into red light and/or yellow and/or green light and a light source (3) emitting blue light (10) and/or ultraviolet light arranged to pump the luminescent medium, said luminescent medium essentially having a main phase of a solid state host material which is doped with Ce<sup>3+</sup>-ions. According to the invention the host material comprises ions of a further rare-earth material Ln, wherein the host material is selected such that the emission energy of the 5d-4f emission on Ce<sup>3+</sup>-ions is energetically higher than the absorption energy into an upper 4fn state of the further rare-earth material Ln, and wherein the light emission of wavelength converted light is caused by an intra-atomic 4fn 4fn transition within the ions of the further rare-earth material. The invention further relates to a corresponding lighting system comprising the light-emitting device and a corresponding luminescent medium.

No. of Pages : 16 No. of Claims : 12



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3932/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :16/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN IMPROVED TECHNOLOGY

(51) International classification	:C07D 233/00	(71) <b>Name of Applicant :</b> <b>1)SRP MEDICAL RESEARCH PRIVATE LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :C9, THIRU VI KA INDUSTRIAL
(32) Priority Date	:NA	ESTATE, GUINDY, CHENNAI - 600 032 Tamil Nadu India
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)SUBRAMANIAN, M.</b>
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A composition for treatment of HIV/AIDS including optimally effective proportions of suitable ingredients, such as herein described.

No. of Pages : 12 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3933/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :16/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : YARN '8' SHAPE MAKING/WINDING MACHINE

(51) International classification

:B65H  
18/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)P.S. PURANDARADHASAN**

Address of Applicant :108, THOPPU ST, PODATURPET,  
631 208, PALLIPT, THIRUVALLUR (DT) Tamil Nadu India

(72)Name of Inventor :

**1)P.S. PURANDARADHASAN**

(57) Abstract :

In previous method I use 1 HP motor in this new invention machine I use 4 HP Motor only.

No. of Pages : 7 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3934/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :16/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : BIOLOGICAL STUDIES OF COMBINATION OF TWO PLANT (FICUS RACEMOSA & AEGLE MARMELOS) EXTRACTS AND TRANSFORMATION OF THIS COMBINATION INTO A HERBAL FORMULATION AND ITS EVALUATION

(51) International classification	:A61K 36/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. RAMAN GANGIREDDY
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF
(33) Name of priority country	:NA	PHARMACEUTICS, KVSR SIDDHARTHA COLLEGE OF
(86) International Application No	:NA	PHARMACEUTICAL SCIENCES, PINNAMANENI
Filing Date	:NA	POLYCLINIC ROAD, SIDDHARTHA NAGAR,
(87) International Publication No	: NA	VIJAYAWADA - 520 010 Andhra Pradesh India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. CHALLA SIVA REDDY
(62) Divisional to Application Number	:NA	2)DR. DEVALA RAO GARIKAPATI
Filing Date	:NA	

(57) Abstract :

Three different combinations (with equal proportions) of plant extracts of Ficus racemosa fruit extract and Aegle marmelos root were evaluated for anti-ulcer and anti-diabetic activities. The effect of three different combinations show significant efficacy in cold restraint stress model of ulcer and in STZ induced diabetic model. These selected combinations both plant extracts were formulated into compressed tablets after confirming that there was no interference of the drug with the excipients used based on the FT-IR spectral studies. Then, the formulations were evaluated for various physical parameters of the compressed tablets. The results show that all the physical parameters of the compressed tablets meet the USP specifications.

No. of Pages : 16 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7528/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :17/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : BYPASS FLOW ELEMENT FOR DIVERTER FLOW MEASUREMENT

(51) International classification	:A61M 16/12	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:61/162479	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:23/03/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:U.S.A.	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/051040	(72) <b>Name of Inventor :</b>
Filing Date	:10/03/2010	<b>1)KELLY Eamonn</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A ventilator includes a first pathway configured to supply a first gas; a second pathway configured to supply a second gas; a bypass element configured to provide a portion of the first gas and a portion of the second gas the bypass element comprising a rib adjacent to a bypass conduit wherein fluid flow is substantially laminar adjacent to the conduit. A bypass element is described.

No. of Pages : 14 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7542/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :18/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A SYSTEM FOR PRODUCING CELLS OF THE CARDIOMYOCYTE LINEAGE•

(51) International classification :C12N 15/09

(31) Priority Document No :60/305,087

(32) Priority Date :12/07/2001

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2002/022245

Filing Date :12/07/2002

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :33/CHENP/2004

Filed on :07/01/2004

(71)Name of Applicant :

**1)GERON CORPORATION**

Address of Applicant :230 Constitution Drive Menlo Park  
CA 94025 U.S.A.

(72)Name of Inventor :

**1)XU CHUNHUI**

(57) Abstract :

This invention provides populations human cells of the cardiomyocyte lineage. The cells are obtained by causing cultures of pluripotent stem cells to differentiate in vitro and then harvesting cells with certain phenotypic features. Differentiated cells bear cell surface and morphologic markers characteristic of cardiomyocytes and a proportion of them undergo spontaneous periodic contraction. Highly enriched populations of cardiomyocytes and their replicating precursors can be obtained suitable for use in a variety of applications such as drug screening and therapy for cardiac disease.

No. of Pages : 44 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7578/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :18/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : ANTISENSE MODULATION OF APOLIPOPROTEIN B EXPRESSION

(51) International classification :C12N 15/11  
(31) Priority Document No :60/426,234  
(32) Priority Date :13/11/2002  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2003/36411  
Filing Date :13/11/2003  
(87) International Publication No :WO/2004/044181  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :2760/CHENP/2007  
Filed on :13/11/2003

(71)**Name of Applicant :**  
**1)GENZYME CORPORATION**  
Address of Applicant :500 KENDALL STREET,  
CAMBRIDGE, MA 02142 U.S.A.  
(72)**Name of Inventor :**  
**1)CROOKE, ROSANNE**  
**2)GRAHAM, MARK**  
**3)LEMONIDIS-TARBET, KRISTINA**  
**4)DOBIE, KENNETH, W.**  
**5)SUSAN M. FREIER**

(57) Abstract :

The present invention relates to a compound 8 to 50 nucleobases in length targeted to a nucleic acid molecule encoding apolipoprotein B, wherein said compound specifically hybridizes with and inhibits the expression of a nucleic acid molecule encoding apolipoprotein B.

No. of Pages : 455 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7583/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :18/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : TRANSPARENT DISTRIBUTION AND MODULE DECOUPLING THROUGH ASYNCHRONOUS COMMUNICATION AND SCOPES

(51) International classification :H04L  
(31) Priority Document No :12/907,645  
(32) Priority Date :19/10/2010  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2011/032220  
Filing Date :13/04/2011  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)SAP AG**  
Address of Applicant :Dietmar-Hopp-Allee 16 D-69190 Walldorf Germany.  
(72)**Name of Inventor :**  
**1)Rainer Kerth**  
**2)Wolfgang Degenhardt**

(57) Abstract :

Systems and methods consistent with the invention may include using asynchronous communication and scopes to transparently decouple modules and distribute load. Asynchronous communication may be achieved by using message queues or by using message topics. Scopes are introduced as a means to provide structure to resources associated with the decoupled modules and to improve the ability to distribute such resources necessary to process messages between modules. Furthermore the use of asynchronous communication and scopes may be done automatically and transparently to the user and/or application developers.

No. of Pages : 50 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.726/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : FLOOR NUMBER DETERMINATION IN BUILDINGS

(51) International classification	:E04F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:EP 11 156 653.5	<b>1)HARMAN BECKER AUTOMOTIVE SYSTEMS GMBH</b>
(32) Priority Date	:02/03/2011	Address of Applicant :BECKER-GORING-STRABE 16,
(33) Name of priority country	:EPO	76307 KARLSBAD Germany
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)STRASSENBURG-KLECIAK MAREK</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method for determining a number of floors of a building based on image data of the building, the method comprising the steps of: determining a background colour of a facade of the building shown in the image data, detecting predefined deviations from the background colour in the facade of the building, determining a mean number of predefined deviations in the vertical direction of the facade of the building, deducing the number of floors of the building based on the determined mean number of predefined deviations, wherein the number of floors corresponds to the determined mean number.

No. of Pages : 21 No. of Claims : 11



(12) PATENT APPLICATION PUBLICATION

(21) Application No.726/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : DYNAMIC PET IMAGING WITH ISOTOPE CONTAMINATION COMPENSATION

(51) International classification :G01T1/29  
(31) Priority Document No :61/223422  
(32) Priority Date :07/07/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/052671  
Filing Date :15/06/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)WIECZOREK Herfried**  
**2)THIELE Frank O.**  
**3)NARAYANAN Manoj V**

(57) Abstract :

A nuclear imaging system includes a scanner (8), such as a PET scanner. A patient is injected with a [ 13 N]ammonia radioisotope tracer which is contaminated with a small percent of 18 F contamination. The scanner receives radiation from the injected tracer and a reconstruction processor (28) reconstructs the detected radiation into image representations. A warning generator (12) generates warnings to the clinician concerning the effects of the 18 F contamination. A calibration processor (16) generates an estimated decay curve based on a time since the end of the proton bombardment which created the tracer and a priori information about the tracer. An activity meter (42) measures radiation emitted from a sample of the tracer and a dose calibrator (44) determines a decay curve from the measured radiation. Either the detected radiation is corrected in accordance with one of the decay curves during reconstruction or a correction processor (50) corrects reconstructed images in accordance with one or both of the decay curves. A display (14) displays uncorrected reconstructed images and the decay curve and/or the corrected images.

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.762/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : INFORMATION PROCESSING APPARATUS, TERMINAL APPARATUS, INFORMATION PRESENTATION SYSTEM, CALCULATION METHOD OF EVALUATION SCORES, AND PROGRAM

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:2011-050478	<b>1)SONY CORPORATION</b>
(32) Priority Date	:08/03/2011	Address of Applicant :1-7-1 KONAN, MINATO-KU,
(33) Name of priority country	:Japan	TOKYO Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)RYO NAKAHASHI</b>
(87) International Publication No	: NA	<b>2)NAOKI KAMIMAEDA</b>
(61) Patent of Addition to Application Number	:NA	<b>3)KATSUYOSHI KANEMOTO</b>
Filing Date	:NA	<b>4)TOMOHIRO TSUNODA</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Techniques are disclosed for selecting an item to recommend to a user from a plurality of items. A first set of scores indicating degrees of association between items of the plurality of items may be calculated using a first scoring algorithm having a first scale, and a second set of scores indicating degrees of association between items of the plurality of items may be calculated using a second scoring algorithm having a second scale. The second set of scores may be adjusted to match the, second scale to the first scale, and a third set of scores may be calculated for the plurality of items by combining the first set of scores and the adjusted second set of scores. An item may be selected from the plurality of items to recommend to the user based on the third set of scores.

No. of Pages : 87 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7620/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : COMPOUNDS HAVING A PHYSIOLOGICAL EFFECT•

(51) International classification :C07C 233/08

(31) Priority Document No :0952665

(32) Priority Date :23/04/2009

(33) Name of priority country :France

(86) International Application No :PCT/FR2010/000313

Filing Date :15/04/2010

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)V. MANE FILS**

Address of Applicant :620 route de Grasse F-06620 Bar sur  
Loup France

(72)Name of Inventor :

**1)MANE Jean**

**2)CLINET Jean-Claude**

(57) Abstract :

The present invention relates to compounds of general formula (I): having a physiological effect and to the preparation thereof and to the use of same.

No. of Pages : 56 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7633/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A MOTION VECTOR CODING METHOD AND APPARATUS FOR CODING A MOTION VECTOR OF A CURRENT BLOCK IN A MOVING PICTURE

(51) International classification	:H04N 7/26	(71)Name of Applicant :
(31) Priority Document No	:2002-001983	<b>1)PANASONIC CORPORATION</b>
(32) Priority Date	:09/01/2002	Address of Applicant :1006, OAZA KADOMA, KADOMA-
(33) Name of priority country	:Japan	SHI, OSAKA 571-8501 Japan
(86) International Application No	:PCT/JP2003/000055	(72)Name of Inventor :
Filing Date	:08/01/2003	<b>1)KADONO, SHINYA</b>
(87) International Publication No	:WO/2003/061297	<b>2)HAGAI, MAKOTO</b>
(61) Patent of Addition to Application	:NA	<b>3)KONDO, SATOSHI</b>
Number	:NA	<b>4)ABE, KIYOFUMI</b>
Filing Date	:NA	
(62) Divisional to Application Number	:1413/CHENP/2003	
Filed on	:08/01/2003	

(57) Abstract :

A motion vector decoding method for decoding a coded motion vector of a current block in a moving picture, said method comprising: specifying (S210, S400) plural neighboring blocks, the neighboring blocks being located in a neighborhood of the current block and having been already decoded; judging (S202, S402) whether or not each of the plural neighboring blocks has been decoded using a motion vector of another block and whether or not a reference picture referred to in the decoding of current block is the same as each of reference pictures referred to in a decoding of each of the plural neighboring blocks; deriving (S206, S410) a predictive motion vector of the current block using at least one of motion vectors of the plural neighboring blocks, each of the plural neighboring blocks having a motion vector which is obtained by using the motion vector of the another block when it is judged, in said judging (S202, S402), that each of the plural neighboring blocks has been coded using the motion vector of the another block; decoding the coded motion vector to obtain a decoded difference motion vector of the current block; and recovering the motion vector of the current block by adding (S210, S416) the decoded difference motion vector of the current block and the predictive motion vector, wherein, in said deriving (S206, S410), when it is judged, in said judging (S202, S402), that only one neighboring block among the plural neighboring blocks refers to the same reference picture as the current block, the predictive motion vector of the current block is set to a motion vector of the one neighboring block.

No. of Pages : 80 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.685/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : HYBRID VEHICLE DRIVING DEVICE

<p>(51) International classification :F16H (31) Priority Document No :2011-040402 (32) Priority Date :25/02/2011 (33) Name of priority country :Japan (86) International Application No :NA Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)<b>Name of Applicant :</b> <b>1)HONDA MOTOR CO., LTD.</b> Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan (72)<b>Name of Inventor :</b> <b>1)NOMURA, AKIFUMI</b> <b>2)OHMORI, KENICHI</b></p>
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(57) Abstract :

To provide a hybrid vehicle driving device capable of executing electric power regeneration using only a rotational speed range where the electric power generation efficiency is high. [Constitution] In the hybrid vehicle driving device including an engine drive system transmitting a drive force of an engine 7 to a transmission 17 through a one-way clutch 14 and transmitting a drive force after shifting by the transmission 17 to a rear wheel WR and a motor drive system transmitting a drive force of a motor 15 to the rear wheel WR, the drive force of the motor 15 of the motor drive system is joined to a point upstream the transmission 17 and downstream the one-way clutch 14 in the engine drive system. The transmission 17 is provided with a twin clutch 18 capable of shifting between neighboring shift gears by alternately switching the connection state of a clutch CL1 on one side and a clutch CL2 on the other side, and is automatically shifted so as to produce an optional rotational speed and motor torque at which the electric power generation efficiency becomes high at the time of regeneration control of the motor 15.

No. of Pages : 38 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.685/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : BIOCATALYST FOR CATALYTIC HYDROAMINATION•

(51) International classification :C12P13/00  
(31) Priority Document No :09166871.5  
(32) Priority Date :30/07/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/EP2010/060917  
Filing Date :27/07/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)BASF SE**  
Address of Applicant :67056 Ludwigshafen Germany  
(72)**Name of Inventor :**  
**1)HAUER Bernard**  
**2)SCHNEIDER Nina**  
**3)DREW Dejana**  
**4)DITRICH Klaus**  
**5)TURNER Nick**  
**6)NESTL Bettina M.**

(57) Abstract :

The present invention relates to a method for the enzymatic hydroamination of C-C double bonds catalyzed by enzymes structurally and/or functionally related to phenylalanine ammonia lyase (PAL) isolated from microorganisms of *Petroselinum crispum* *Rhodoturula glutinis* and/or functional active derivatives thereof.

No. of Pages : 59 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7656/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A MOTION VECTOR CODING METHOD AND APPARATUS FOR CODING A MOTION VECTOR OF A CURRENT BLOCK IN A PICTURE

(51) International classification	:H04N 7/26	(71)Name of Applicant :
(31) Priority Document No	:2002-001983	1)PANASONIC CORPORATION
(32) Priority Date	:09/01/2002	Address of Applicant :1006, OAZA KADOMA, KADOMA-
(33) Name of priority country	:Japan	SHI, OSAKA 571-8501 Japan
(86) International Application No	:PCT/JP2003/00055	(72)Name of Inventor :
Filing Date	:08/01/2003	1)KADONO, SHINYA
(87) International Publication No	:WO/2003/061297	2)HAGAI, MAKOTO
(61) Patent of Addition to Application Number	:NA	3)KONDO, SATOSHI
Filing Date	:NA	4)ABE, KIYOFUMI
(62) Divisional to Application Number	:1413/CHENP/2003	
Filed on	:08/01/2003	

(57) Abstract :

A motion vector coding method for coding a motion vector of a current block in a moving picture, said method comprising: specifying (S100, S300) three neighboring blocks, the three neighboring blocks being located in a neighborhood of the current block and having been already coded; judging (S102, S302) whether or not each of the three neighboring blocks has been coded using a motion vector of another block and whether or not a reference picture referred to in the coding of the current block is the same as each of reference pictures referred to in a coding of each of the three neighboring blocks; deriving (S106, S310) a predictive motion vector of the current block using at least one of motion vectors of the plural neighboring blocks, each of the plural neighboring blocks having a motion vector which is obtained by using motion vector of the another block when it is judged, in said judging (S102, S302), that each of the plural neighboring blocks has been coded using the motion vector of the another block; and coding (S110, S316) a difference value between the motion vector of the current block and the predictive motion vector, wherein, in said deriving (S106, S310), when it is judged, in said judging (S102, S302), that three neighboring blocks refer to the same reference picture as the current block, the predictive motion vector of the current block is set to a median of motion vectors of the three neighboring blocks.

No. of Pages : 80 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7657/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A MOTION VECTOR DECODING METHOD AND APPARATUS FOR DECODING A MOTION VECTOR OF A CURRENT BLOCK IN A MOVING PICTURE

(51) International classification	:H04N 7/26	(71)Name of Applicant :
(31) Priority Document No	:2002-001983	<b>1)PANASONIC CORPORATION</b>
(32) Priority Date	:09/01/2002	Address of Applicant :1006, OAZA KADOMA, KADOMA-
(33) Name of priority country	:Japan	SHI, OSAKA 571-8501 Japan
(86) International Application No	:PCT/JP203/00055	(72)Name of Inventor :
Filing Date	:08/01/2003	<b>1)KADONO, SHINYA</b>
(87) International Publication No	: NA	<b>2)HAGAI, MAKOTO</b>
(61) Patent of Addition to Application Number	:NA	<b>3)KONDO, SATOSHI</b>
Filing Date	:NA	<b>4)ABE, KIYOFUMI</b>
(62) Divisional to Application Number	:1413/CHENP/2003	
Filed on	:08/01/2003	

(57) Abstract :

A motion vector decoding method for decoding a motion vector of a current block in a moving picture, said method comprising: specifying (S210, S400) three neighboring blocks, the three neighboring blocks being located in a neighborhood of the current block and having been already decoded; judging (S202, S402) whether or not each of the three neighboring blocks has been decoded using a motion vector of another block and whether or not a reference picture referred to in the decoding of the current block is the same as each of reference pictures referred to in a decoding of each of the three neighboring blocks; deriving (S206, S410) a predictive motion vector of the current block using at least one of motion vectors of the plural neighboring blocks, each of the plural neighboring blocks having a motion vector which is obtained by using motion vector of the another block when it is judged, in said judging (S202, S402), that each of the plural neighboring blocks has been coded using the motion vector of the another block; decoding the coded motion vector to obtain a decoded difference motion vector of the current block; and recovering the motion vector of the current block by adding (S210, S416) the decoded difference motion vector of the current block and the predictive motion vector, wherein, in said deriving (S206, S410), when it is judged, in said judging (S202, S402), that three neighboring blocks refer to the same reference picture as the current block, the predictive motion vector of the current block is set to a median of motion vectors of the three neighboring blocks.

No. of Pages : 80 No. of Claims : 3



(12) PATENT APPLICATION PUBLICATION

(21) Application No.434/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :06/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : WIRELESS SWITCHING DEVICE

(51) International classification	:H01Q	(71)Name of Applicant :
(31) Priority Document No	:11 50984	1)SCHNEIDER ELECTRIC INDUSTRIES SAS
(32) Priority Date	:08/02/2011	Address of Applicant :35, RUE JOSEPH MONIER, 92500
(33) Name of priority country	:France	RUEIL MALMAISON France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GUILLOT, ALAIN
(87) International Publication No	: NA	2)BENNI, DOMINIQUE
(61) Patent of Addition to Application Number	:NA	3)CHAUVET, FRANCIS
Filing Date	:NA	4)THIZON, PATRICE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a wireless switching device comprising: - an actuating member (200) that can move along a main axis between an idle position and a working position, - a spring (205) stressed by force by the actuating member in a direction substantially parallel to the main axis, - a switching assembly (50) comprising a plunger arranged to be actuated by the actuating member (200) and a wireless transmitter module provided with an antenna (503) for sending a message to a receiver module in the event of an action on the plunger, - the antenna (503) being arranged prominently on the switching assembly (50) in a direction substantially parallel to the main axis and the spring (205) of helical type being arranged coaxially to the antenna (503).

No. of Pages : 19 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4343/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : LPG CYLINDER INSTALLATION ASSEMBLY FOR A MOTOR VEHICLE

(51) International classification	:F02M	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :JAYALAKSHMI ESTATE NO.29
(33) Name of priority country	:NA	(OLD NO.8) HADDOWS ROAD, CHENNAI - 600 006 Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PRABHANJAN KUMAR
(61) Patent of Addition to Application Number	:NA	2)SRIKANTH KAANCHI MOHAN
Filing Date	:NA	3)SUMAN RAJ
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An LPG cylinder installation assembly for a motor vehicle, i comprising metal bands 4,5 surrounding the said cylinder at two ends; two open ended flexible members, 11 one end of each of which members is provided with a plurality of spaced apertures 12 while the other end is provided with at least one mating stud 13 for engaging with at least one such aperture, for enabling the said members to diametrically encircle the cylinder at its ends, with stud-aperture in engagement, whenever each member is located between the corresponding band and cylinder.

No. of Pages : 15 No. of Claims : 5

(54) Title of the invention : IMAGING OPTICAL SYSTEM AND AN IMAGING APPARATUS USING THE SAME

(51) International classification	:G02B	(71)Name of Applicant :
(31) Priority Document No	:2011-054565	1)OLYMPUS CORPORATION
(32) Priority Date	:11/03/2011	Address of Applicant :43-2, HATAGAYA 2-CHOME,
(33) Name of priority country	:Japan	SHIBUYA-KU, TOKYO 151-0072 Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)OTSU, TAKUYA
(87) International Publication No	: NA	2)ABE, KENICHIRO
(61) Patent of Addition to Application Number	:NA	3)UCHIDA, YOSHIHIRO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An imaging optical system is described comprising, in order from an object side: a first lens having a positive refractive power; a second lens having a negative refractive power; a third lens having a positive refractive power, a fourth lens having a positive refractive power, and a fifth lens having a negative refractive power. In an exemplary imaging optical system, an aperture is provided at the endmost position on the object side, the first lens is a biconvex lens, the surface of the second lens facing the object side is convex, the surface of the fifth lens facing the object side is convex, and the following conditional expression is satisfied:  $1.0 < f_3/f_1 < 4.9$ , where  $f_3$  is a focal length of the third lens and  $f_1$  is a focal length of the first lens. In a variant of such an exemplary imaging optical system, the second lens is a meniscus lens having a convex surface facing the object side, and the object side surface of the fifth lens is a concave surface. In a further exemplary imaging optical system, an aperture is provided at the endmost position on the object side, the first lens is a glass lens, and the following conditional expression is satisfied:  $-4.0 < (r_6+r_7)/(r_6-r_7) < -0.51$ , where,  $T_6$  is a paraxial curvature radius of the object side surface of the third lens and  $r_7$  is a paraxial curvature radius of the image side surface of the third lens. In a further exemplary imaging optical system, an aperture is provided at the endmost position on the object side, the first lens is a glass lens, and the following conditional expression is satisfied:  $-1.5 < f_2/f < -0.73$ , where  $f_2$  is a focal length of the second lens and  $f$  is a focal length of the whole imaging optical system. In yet a further exemplary imaging optical system, an aperture is provided at the endmost position on the object side, the first lens is a glass lens, and the following conditional expression is satisfied:  $-11.2 < r_3/f_1 < -0.9$ , where  $r_3$  is a paraxial curvature radius of the image side surface of the first lens and  $f_1$  is a focal length of the first lens. Compared to conventional optical systems, the exemplary imaging optical systems have smaller F-numbers and sizes, yet with well-corrected aberrations.

No. of Pages : 112 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(21) Application No.581/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND DEVICE FOR DRIVING A LAMP

(51) International classification :H05B 37/02

(31) Priority Document No :09164106.8

(32) Priority Date :30/06/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/050044

Filing Date :07/01/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

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(72)Name of Inventor :

**1)SCHENK Tim C. W.**

**2)COLAK Sel B.**

**3)WERNARS Johannes P.**

**4)LINNARTZ Johan P. M. G.**

**5)FERI Lorenzo**

**6)DAMINK Paulus H. A.**

**7)PENNING DE VRIES Hendricus T. G. M.**

(57) Abstract :

A method for driving a lamp (2) comprises the steps of: generating a lamp current (ICONST) having a constant magnitude; defining a commutation period having a duration TCOMM; defining a time base of original commutation moments, having fixed mutual intervals of 0.5TCOMM; receiving data to be embedded in the light output; commutating the lamp current at commutation moments; wherein individual commutations are time-modulated in order to encode said received data. Preferably, a commutation moment is: either equal to an original commutation moment if there are no data to embed; or advanced over a modulation distance ( ) with respect to the corresponding original commutation moment in order to encode data having a first value (0); or delayed over said modulation distance ( ) with respect to the corresponding original commutation moment in order to encode data having a second value (1).

No. of Pages : 17 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.771/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : EXHAUST PURIFYING APPARATUS OF SADDLE-RIDE TYPE VEHICLE

<p>(51) International classification :F01N (31) Priority Document No :2011-045205 (32) Priority Date :02/03/2011 (33) Name of priority country :Japan (86) International Application No :NA Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)<b>Name of Applicant :</b> <b>1)HONDA MOTOR CO., LTD.</b> Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan (72)<b>Name of Inventor :</b> <b>1)SHIMIZU, TAKAHIKO</b> <b>2)MITSUKAWA, MAKOTO</b> <b>3)KIMURA, KUNIHARU</b> <b>4)TATSUMI, TAKATOSHI</b></p>
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(57) Abstract :

[Problem] To provide an exhaust purifying apparatus achieving placement of components so as to prevent an increase in the size of the vehicle caused by the placement of the exhaust purifying apparatus while maintaining the performance of the exhaust purifying apparatus by secondary air in a saddle-ride type vehicle. [Solution] An exhaust purifying apparatus of a saddle-ride type vehicle as an exhaust purifying apparatus 8 of a saddle-ride type vehicle 1 includes: a secondary air supply pipe 80 of which one end is connected an exhaust passage 25 of an internal combustion engine 2; a secondary air control valve 90 connected with the other end of the secondary air supply pipe 80 and controlling the supply of secondary air to the secondary air supply pipe 80; and an outdoor air introduction passage 82 to the secondary air control valve 90, wherein an air filter 83 for secondary air and a resonant passage 84 are installed in the middle of the outdoor air introduction passage 82.

No. of Pages : 34 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7719/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR CHANNEL QUALITY FEED BACK

(51) International classification :H04B 17/00  
(31) Priority Document No :10/079,778  
(32) Priority Date :19/02/2002  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US03/05373  
Filing Date :19/02/2003  
(87) International Publication No :WO/2003/071721  
(61) Patent of Addition to Application  
Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :1805/CHENP/2004  
Filed on :19/02/2003

(71)**Name of Applicant :**  
**1)QUALCOMM INCORPORATED**  
Address of Applicant :5775 MOREHOUSE DRIVE, SAN  
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(72)**Name of Inventor :**  
**1)GAAL, PETER**  
**2)ODENWALDER, JOSEPH, P.**  
**3)LUNDBY, STEIN, A.**  
**4)PUIG OSES, DAVID**

(57) Abstract :

Methods and apparatus are presented for improving the feedback of channel information to a serving base station, which allows a reduction in the reverse link load while allowing the base station to improve the forward link data throughput. Over a channel quality indicator channel, three subchannels are generated; the re-synch subchannel (600), the differential feedback subchannel (620), and the transition indicator subchannel (630). The information carried on each subchannel can be used separately or together by a base station to selectively update internal registers storing channel conditions. The channel conditions are used to determine transmission formats, power levels, and data rates of forward link transmissions

No. of Pages : 38 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.772/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : SHIFT DRUM STOPPER PLATE

(51) International classification	:B22F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-044689	<b>1)HONDA MOTOR CO., LTD.</b>
(32) Priority Date	:02/03/2011	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)SAI, KOSHOKU</b>
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

To provide a shift drum stopper plate securing sufficient strength while reducing the cost. [Constitution] The shift drum stopper plate 60 includes a plate-like part 61 and a plurality of stopper pin parts 62 arranged projectingly from a surface on one side of the plate-like part 61 and engaged with claws 55c, 55d of a shift arm 55, in which the stopper pin part 62 is of a columnar shape in which a cylindrical part and an extended reinforcing part 62b are integrally formed, the transverse cross-sectional shape of the stopper pin part 62 is a horseshoe-shape including a circular arc part 62c, extended line parts 62f, 62g and an inner peripheral line part 62h, and the plate-like part 61 and the stopper pin parts 62 are integrally subjected to preliminary molding by compression of powder and are thereafter sintered for manufacturing.

No. of Pages : 71 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3272/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :22/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : MONITORING OF FUNCTIONS OF A CONTROL SYSTEM

(51) International classification :G06F 11/00  
(31) Priority Document No :102010041437.955  
(32) Priority Date :27/09/2010  
(33) Name of priority country :Germany  
(86) International Application No :NA  
Filing Date :NA  
(87) International Publication No : NA  
(61) Patent of Addition to Application  
Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)ROBERT BOSCH GMBH**  
Address of Applicant :POSTFACH 30 02 20, STUTTGART  
70442 Germany  
(72)**Name of Inventor :**  
**1)FEUCHTER, WILFRIED**  
**2)HEYL, ANDREAS**

(57) Abstract :

The present subject matter describes a method for monitoring of functions of a control system. For such monitoring, the control system has redundant components (100) and an evaluation unit (200) for evaluating a functionality of the components (100) on the basis of status messages (131, 141) of the components (100). The method includes a component side monitoring of the functions, which are to be monitored, of the components (100), and a system wide monitoring at least one of the component side monitored functions, but not all of the component side monitored functions.

No. of Pages : 14 No. of Claims : 10



(12) PATENT APPLICATION PUBLICATION

(21) Application No.7732/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : DATA ACQUISITION

(51) International classification :G01T 1/20  
(31) Priority Document No :61/163499  
(32) Priority Date :26/03/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/050724  
Filing Date :18/02/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application  
Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
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(72)**Name of Inventor :**  
**1)CHAPPO Marc**  
**2)LUHTA Randall P.**

(57) Abstract :

An imaging detector includes a scintillator array (202) a photosensor array (204) optically coupled to the scintillator array (202) a current-to-frequency (I/F) converter (314) and logic (312). The I/F converter (314) includes an integrator (302) and a comparator (310) and converts during a current integration period charge output by the photosensor array (204) into a digital signal having a frequency indicative of the charge. The logic (312) sets a gain of the integrator (302) for a next integration period based on the digital signal for the current integration period.

No. of Pages : 21 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7733/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SPECTRAL IMAGING

(51) International classification :A61B 6/03

(31) Priority Document No :61/163501

(32) Priority Date :26/03/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2010/050729

Filing Date :18/02/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

**1)PROKSA Roland**

**2)HERRMANN Christoph**

**3)RUETTEN Walter**

(57) Abstract :

A detector array (110) of an imaging system (100) includes a radiation sensitive detector (114 116) that detects radiation and generates a signal indicative thereof. A current-to-frequency (I/F) converter (202) converts the signal to a pulse train having a frequency indicative of the signal for an integration period. Circuitry (120) generates a first moment and at least one higher order moment based on the pulse train.

No. of Pages : 25 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7734/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : STRUCTURED ELECTRON EMITTER FOR CODED SOURCE IMAGING WITH AN X-RAY TUBE

(51) International classification :H01J 35/06

(31) Priority Document No :09156403.9

(32) Priority Date :27/03/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051230

Filing Date :22/03/2010

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

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(72)Name of Inventor :

**1)DUERR Martin K.**

(57) Abstract :

An electron emitter (1) and an X-ray tube (100) comprising such electron emitter (1) are presented. The electron emitter (1) comprises a cathode (3) and an anode (5) wherein the cathode (3) comprises an electron emission pattern (9) of a plurality of local areas (11) spaced apart from each other each area being adapted for locally emitting electrons via field emission upon application of an electrical field between the cathode (3) and the anode (5). Electron beams (15) emitted from the local areas (11) may generate several X-ray source intensity maxima in a specific geometric pattern. An apparent loss in spatial resolution due to overlapping images on a detector can be corrected by using specific intensity patterns for the X-ray source (100) and by applying dedicated decoding algorithms on the acquired image such as coded source imaging (CSI).

No. of Pages : 31 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7735/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PERFUSION IMAGING

(51) International classification :G06F 19/00

(31) Priority Document No :61/163572

(32) Priority Date :26/03/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2010/050730

Filing Date :18/02/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

**1)MEETZ Kirsten R.**

**2)CARLSEN Ingwer-Curt**

**3)BREDNO Jorg**

(57) Abstract :

A method includes executing via a data analyzer (122) computer executable instructions that select without user interaction a processing protocol (212) from an electronic repository (210) of protocols based on imaging data and non-imaging data corresponding to the patient processing via the data analyzer (122) functional imaging data for a subject with the selected processing protocol (212) under a first processing mode and performing a plausibility check on the processed data.

No. of Pages : 19 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.725/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR ENTRAINING THE BREATHING OF A SUBJECT

(51) International classification :A61M16/06

(31) Priority Document No :61/224113

(32) Priority Date :09/07/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2010/052713

Filing Date :16/06/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

**1)IYER Vijay Kumar**

**2)COLBAUGH Michael Edward**

(57) Abstract :

A respiration appliance is configured to entrain the breathing of a subject. The breathing of the subject is entrained to modulate the autonomic nervous system of the subject to decrease sympathetic nerve activity and/or to reduce sympathetic/parasympathetic balance in order to provide relaxation to the subject. The respiration appliance restricts the exhalation of the subject while permitting substantially unencumbered inhalation to impact the breathing of the subject in a manner that enhances relaxation.

No. of Pages : 27 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.775/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : AIR CLEANER STRUCTURE FOR SMALL VEHICLES

(51) International classification	:A47L	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-045204	<b>1)HONDA MOTOR CO., LTD.</b>
(32) Priority Date	:02/03/2011	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)MITSUKAWA, MAKOTO</b>
Filing Date	:NA	<b>2)SHIMIZU, TAKAHIKO</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

To provide an air cleaner structure for small vehicles, comprising an air cleaner which is supported to a swing-type power unit and which is capable of securing a space for mounting an intake air temperature sensor and a preferable intake temperature detection environment, and of providing an effective air intake system. [Constitution] An air cleaner structure for small vehicles, having an air cleaner 6 which is supported, at a lateral side of a drive wheel 7, to a swing-type power unit 5 which is vertically swingably supported to a body frame 4, wherein a rear end 60a of an air cleaner case 60 is positioned rearward from a rear cushion 19, a filter 76 is disposed at an overlapped position with the rear cushion as seen from a side view, and a clean chamber 64 is formed at the air cleaner case to be expanded to the front of the air cleaner case, a connecting tube 24 connected to an internal combustion engine is mounted to the clean chamber, and an intake air temperature sensor 8 for detecting intake temperature is attached to an outer surface of the air cleaner case such that a detector 8a of the intake air temperature sensor 8 is inserted into the clean chamber.

No. of Pages : 46 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.776/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : PROPYLENE RESIN COMPOSITION

(51) International classification	:C08L	(71)Name of Applicant :
(31) Priority Document No	:2011-044919	1)SUMITOMO CHEMICAL COMPANY LIMITED
(32) Priority Date	:02/03/2011	Address of Applicant :27-1 Shinkawa 2-chome Chuo-ku
(33) Name of priority country	:Japan	Tokyo 104-8260 Japan
(86) International Application No	:NA	2)SUMITOMO CHEMICAL COMPANY LIMITED
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)KONDO Shinichi
(61) Patent of Addition to Application Number	:NA	2)KONDO Shinichi
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a propylene resin composition from which a molded article maintaining mechanical properties of conventional molded articles and being superior in scratch can be produced the composition including from 60% by mass to 99% by mass of a propylene resin (A) from 1% by mass to 40% by mass of a filler (E1) having a pH of from 9 to 14 and from 0.01 parts by mass to 5 parts by mass relative to 100 parts by mass of the (A) and the (B1) in total of a modified olefin resin (C1) obtained by reacting an olefin resin an acidic compound having at least one unsaturated bond and at least; out kind of polar group and having; a pH of higher than 0 and up to 4 and an organic peroxide.

No. of Pages : 53 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.779/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :01/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : CLEANING IMPLEMENT•

(51) International classification	:D06F	(71) <b>Name of Applicant :</b>
(31) Priorit Document No	:13/041,267	<b>1)THE LIBMAN COMPANY</b>
(32) Priority Date	:04/03/2011	Address of Applicant :220 North Sheldon Arcola Illinois
(33) Name of priority country	:U.S.A.	61910 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)Enzo Berti</b>
(87) International Publication No	: NA	<b>2)Roberto Pellacini</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Novel cleaning implements and novel components of cleaning implements are provided. Aspects relate to novel wringers having convex regions with a plurality of drain exits. In some embodiments concave regions are also provided. The concave regions are substantially devoid of any drain exits. An upper portion of the wringer may be substantially cylindrical or conic-cylindrical and a lower portion may be neither cylindrical nor conic-cylindrical. The bottom perimeter of the bottom may define a square-like shape. Further aspects relate to novel connection assemblies. Certain assemblies may have a top portion with a vertical wall that is configured to position mop fibers along a vertical axis.

No. of Pages : 46 No. of Claims : 21



(12) PATENT APPLICATION PUBLICATION

(21) Application No.747/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : HIGH-LOAD BUSINESS PROCESS SCALABILITY

(51) International classification	:H04L	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:13/094,366	<b>1)SAP AG</b>
(32) Priority Date	:26/04/2011	Address of Applicant :DIETMAR-HOPP-ALLE 16, D-
(33) Name of priority country	:U.S.A.	69190 WALLDORF Germany
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SOREN BALKO</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure involves systems, software, and computer implemented methods for providing high-load business process scalability in cloud-based infrastructures. One process includes operations for receiving a message at a first computer node executing a first business process instance. A second business process instance associated with the message is identified. The message is sent to a messaging queue for retrieval by the second business process instance if the second business process instance is not located at the first computer node.

No. of Pages : 38 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.748/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : AUTOMATIC IDENTIFICATION OF USER-ALIGNED FRAGMENTS IN BUSINESS PROCESS MODELS

(51) International classification

:G06F

(31) Priority Document No

:13/172,238

(32) Priority Date

:29/06/2011

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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Address of Applicant :DIETMAR-HOPP-ALLEE 16, D-69190 WALLDORF Germany

(72)Name of Inventor :

**1)SOREN BALKO**

(57) Abstract :

The present disclosure involves systems, software, and computer implemented methods for providing automatic identification of semantically coherent, user-aligned fragments in business process models. One process includes operations for identifying a hierarchy of process fragments in a business process model associated with a user. At least one process metadata category associated with a role of the user is determined. A score for each process fragment in the hierarchy of process fragments is computed, the score computed based at least in part on a probable level of interest in the at least one process metadata category for the role of the user. At least one process fragment in the hierarchy of process fragments for inclusion in a view of the business process model to be presented to the user, the selection based at least in part on the score computed for the at least one process fragment.

No. of Pages : 34 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7923/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : NOISE MATCHING IN COUPLED ANTENNA ARRAYS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:G01R 33/3415 :09157070.5 :01/04/2009 :EPO :PCT/IB2010/051330 :26/03/2010 : NA :NA :NA :NA :NA	(71) <b>Name of Applicant :</b> <b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b> Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN 5621 BA NETHERLANDS (72) <b>Name of Inventor :</b> <b>1)FINDEKLEE Christian</b>
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(57) Abstract :

The invention relates to a method for optimizing the signal-to-noise ratio in a system comprising an array of two or more receiving antennas (11 12 13) for receiving RF signals each receiving antenna (11 12 13) being connected via a matching network (19 20 21) to a low-noise amplifier (22 23 24) having an input impedance each chain consisting of a receiving antenna (11 12 13) a matching network (19 20 21) and a low-noise amplifier (22 23 24) constituting a part of a receiving channel of the system. It is an object of the invention to enable noise matching such that a maximized SNR is obtained particularly in presence of noise coupling. The invention proposes that the method comprises the steps of:

No. of Pages : 17 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7924/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : MR IMAGING USING FLUID-ATTENUATION INVERSION RECOVERY (FLAIR)

(51) International classification :G01N 24/08

(31) Priority Document No :09157062.2

(32) Priority Date :01/04/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051303

Filing Date :25/03/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

**1)VISSER Frederik**

(57) Abstract :

The invention relates to a method of MR imaging of at least a portion of a body (10) of a patient placed in an examination volume of an MR device (1). The acquisition of high-resolution three-dimensional FLAIR images as well as T2-weighted images at high main magnetic field strength (> 3 Tesla) results in unacceptable long scan times. The present invention contemplates a new and improved MR imaging method which overcomes this problem. The method of the invention comprises the steps of - subjecting the portion of the body (10) to a first imaging sequence (S1) for acquiring a first signal data set; - immediately subsequent to the first imaging sequence (S1) subjecting the portion of the body (10) to an inversion RF pulse that inverts longitudinal magnetization within the portion; - after an inversion delay period (TI) subjecting the portion of the body (10) to a second imaging sequence (S2) for acquiring a second signal data set; - reconstructing first and second MR images from the first and second signal data sets respectively.

No. of Pages : 15 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5639/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :03/08/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : RESERVATION METHOD IN A MESH NETWORK, AND TRANSMISSION METHOD CARRYING OUT SUCH RESERVATION METHOD

(51) International classification :H04W 74/04  
(31) Priority Document No :09305015.1  
(32) Priority Date :08/01/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/050026  
Filing Date :05/01/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
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(72)Name of Inventor :  
**1)DENTENEER Theodorus**

(57) Abstract :

The present invention relates to a method for reserving transmission time for transmission between a first mesh station and a second mesh station in a mesh network comprising at least one neighbor station, comprising the following steps: - the first mesh station requesting information regarding existing reservations from the second mesh station, - the second mesh station sending an advertisement including its own reservation information as well as reservation information concerning the neighbor station, - the first mesh station determining a new reservation based on the received advertisement and on its own reservation information. The invention also relates to a transmission method, carrying out the reservation method herein before described.

No. of Pages : 12 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7800/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :24/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : LED COLLIMATION OPTICS MODULE PROVIDING AN ISOLATION FITTING

(51) International classification :G02B 6/00

(31) Priority Document No :61/165241

(32) Priority Date :31/03/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2010/051355

Filing Date :29/03/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

**1)ADAMS John Andre**

(57) Abstract :

An LED collimation optics module (16) providing an isolation fitting and luminaire (10) using the same are disclosed. In one embodiment of the LED collimation optics module (16) an LED chip (30) provides a plurality of sources of light (G R B W). An optical conductor (32) is superposed on the LED chip (30) to mix the light received from the plurality of sources of light (G R B W). A sleeve is connected to the LED chip (30) and positioned about the optical conductor (32) such that an annulus (102) is located therebetween. After passing through the optical conductor (32) the mixed light enters a compound parabolic concentrator (34) which is coupled to the optical conductor (32). The compound parabolic concentrator (34) collimates the light received from the optical conductor (32) such that a homogenous pupil is emitted. A 1B & 1C

No. of Pages : 17 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.79/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :09/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : PIPE VISE STAND

(51) International classification	:B25B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:13/005,032	<b>1)EMERSON ELECTRIC CO</b>
(32) Priority Date	:12/01/2011	Address of Applicant :8000 West Florissant St. Louis
(33) Name of priority country	:U.S.A.	Missouri 63136 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)HAMM James E.</b>
(87) International Publication No	: NA	<b>2)MILLER Christopher R.</b>
(61) Patent of Addition to Application Number	:NA	<b>3)SKRJANC Robert</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A pipe vise stand having increased utility and greater useable work space particularly during use of vise provisions associated with the stand is described. The stand features a base plate having a unique configuration in which one or more pipe benders are located within a workpiece support region defined along an upwardly directed face of the plate between vise provisions and corresponding support provisions.

No. of Pages : 50 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.791/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :01/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : REPRODUCTION PROCESSING APPARATUS, IMAGING APPARATUS, REPRODUCTION PROCESSING METHOD, AND PROGRAM

(51) International classification	:H04N	(71)Name of Applicant :
(31) Priority Document No	:2011050475	<b>1)SONY CORPORATION</b>
(32) Priority Date	:08/03/2011	Address of Applicant :1-7-1 KONAN, MINATO-KU,
(33) Name of priority country	:Japan	TOKYO Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)SAWAKO KIRIYAMA</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus includes a display controller, a detecting unit, and a reproduction unit. The display controller is configured to control a display unit to display marks corresponding to a plurality of images. The detecting unit is configured to detect selection information entered by a user. The selection information includes path information and additional information. The reproduction unit is configured to reproduce at least one of the plurality of images based on the additional information.

No. of Pages : 55 No. of Claims : 15



(12) PATENT APPLICATION PUBLICATION

(21) Application No.7941/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :31/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : BACKLIGHT INCLUDING SEMICONDUCTOR LIGHT EMITTING DEVICES

(51) International classification :G02B 6/00  
(31) Priority Document No :12/417673  
(32) Priority Date :03/04/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/051058  
Filing Date :11/03/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application  
Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
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**2)PHILIPS LUMILEDS LIGHTING COMPANY LLC**  
(72)**Name of Inventor :**  
**1)BIERHUIZEN Serge J.**  
**2)ENG Gregor W.**

(57) Abstract :

A light source 60 such as a semiconductor light emitting diode 64 is positioned in a first opening 54 in a transparent member 50 which may function as a waveguide in a display. The transparent member surrounds the light source. No light source is positioned in a second opening 70 in the transparent member. In some embodiments the first opening is shaped to direct light into the transparent member. In some embodiments a reflector 66 is positioned over the light source. The reflector includes a flat portion and a shaped portion 68. The shaped portion extends from the flat portion toward the light source.

No. of Pages : 14 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7433/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : VACUUM CLEANER

(51) International classification :A47L 9/22

(31) Priority Document No :09155368.5

(32) Priority Date :17/03/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051052

Filing Date :11/03/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

**1)VAN DE VEEN Egbert**

**2)VOORHORST Fokke R.**

**3)HERREWIJNEN Jeroen**

**4)JANSSENS Gijs**

**5)RIJFKOGEL Lodewijk A.**

(57) Abstract :

A vacuum cleaner (1) comprising a housing (2) being separated in at least a dust compartment (4) and a motor compartment (6). The vacuum cleaner (1) also comprises a motor (7) located in the motor compartment (6) and an air guide (8) between the dust compartment (4) and the motor (7). The motor (7) is suspended in the motor compartment (6) by a suspension system comprising at least one spring (23).

No. of Pages : 18 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7434/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PRESENTATION OF VIDEO CONTENT

(51) International classification :H04N 5/445  
(31) Priority Document No :09155315.6  
(32) Priority Date :17/03/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/051093  
Filing Date :15/03/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
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(72)**Name of Inventor :**  
**1)KWISTHOUT Cornelis W.**  
**2)VOLLEBERG Guido T. G.**  
**3)REUSENS Roel E. A**  
**4)ROZENDAAL Leendert T.**  
**5)MERTENS Mark M J W**

(57) Abstract :

A display apparatus comprises a display on which first video content of a video signal is presented. In addition second video content is simultaneously presented e.g. superimposed on the first video content. A presentation processor (209) determines a first characteristic for the presentation of the first video content and a characteristics processor (211) determines a presentation characteristic for the second video content from the first characteristic. A transmitter (213) transmits the presentation characteristic to an external source of the second video content. A single device (401) may generate the video signal comprising both the first and second video content. In this case a characteristic of the overlaying is adjusted in response to the presentation characteristic. The invention may provide an advantageous adaptation of secondary (overlay) information to the current characteristics experienced when presenting primary video content.

No. of Pages : 43 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7436/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD FOR COMMUNICATING IN A MIMO NETWORK

(51) International classification :H04B 7/06  
(31) Priority Document No :09155425.3  
(32) Priority Date :17/03/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/051128  
Filing Date :16/03/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
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**2)SHARP KABUSHIKI KAISHA**  
(72)**Name of Inventor :**  
**1)BAKER Matthew**  
**2)TESANOVIC Milos**  
**3)MOULSLEY Timothy**

(57) Abstract :

The present invention relates to method for communicating in a network said network comprising a primary station and at least one secondary station having a plurality of antennas the method comprising the step of the primary station transmitting to a first secondary station an indication of a first receive combining matrix that the first secondary station should use to combine the signals received at its said plurality of antennas from a first subsequent transmission from the primary station.

No. of Pages : 16 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7437/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A METHOD FOR COMMUNICATING IN A MIMO NETWORK

(51) International classification	:H04B 7/06	(71)Name of Applicant :
(31) Priority Document No	:09155424.6	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:17/03/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/051130	2)SHARP KABUSHIKI KAISHA
Filing Date	:16/03/2010	(72)Name of Inventor :
(87) International Publication No	: NA	1)BAKER Matthew
(61) Patent of Addition to Application	:NA	2)TESANOVIC Milos
Number	:NA	3)MOULSLEY Timothy
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method for communicating in a network said network comprising a primary station and at least a first secondary station wherein the first secondary station transmits to the primary station an indication of a first plurality of precoding vectors wherein the number of first precoding vectors is greater than a preferred rank of transmission from the primary station to the first secondary station.

No. of Pages : 15 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7438/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A METHOD FOR SECURE COMMUNICATION IN A NETWORK&NBSP; A COMMUNICATION DEVICE&NBSP; A NETWORK AND A COMPUTER PROGRAM THEREFOR

(51) International classification :H04L 9/08  
(31) Priority Document No :09155627.4  
(32) Priority Date :19/03/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/051134  
Filing Date :16/03/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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(72)Name of Inventor :  
**1)GARCIA MORCHON Oscar**  
**2)ERDMANN Bozena**  
**3)KURSAWE Klaus**

(57) Abstract :

A method for securing communications between a first node (N1) and a second node (N2) in a network (1) further comprising a management device (2) provided with root keying materials the method comprising the following steps: - the management device generating based on root keying materials a first node keying material shares comprising a number of sub-elements and the first node keying material shares being arranged for generating a first complete key - the management device selecting a subset of sub-elements of the first keying material shares the number of sub-elements selected being less or equal than the total number of sub-elements of the first keying material shares and the selected sub-elements forming a first node partial keying material shares or symmetric-key generation engine - the first node generating based on the first node symmetric-key generation engine and on an identifier of the second node a first key used for securing communications with the second node.

No. of Pages : 34 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6896/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A DISPLAY CONTROL APPARATUS AND METHOD THEREFOR

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:G09G3/34 :09154621.8 :09/03/2009 :EPO :PCT/IB2010/050887 :02/03/2010 : NA :NA :NA :NA :NA	(71) <b>Name of Applicant :</b> <b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b> Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN 5621 BA NETHERLANDS (72) <b>Name of Inventor :</b> <b>1)JAK Martin J. J.</b> <b>2)HEKSTRA Gerben J.</b> <b>3)KLOMPENHOUWER Michiel A.</b>
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(57) Abstract :

A display control apparatus comprises a video source (105) which provides a video signal comprising frames. The video source (105) is coupled to a compensation processor (107) which filters at least part of a first frame to provide a compensation for perceived motion blur. A display output (109) feeds the compensated video signal to a display (103) which presents the frame. A controller (111) is arranged to control the display (103) such that it radiates light in a sequence of light pulses for each frame where the sequence of light pulses comprising at least some light pulses having different durations. A motion blur processor (113) determines a suitable compensation filter for the perceived motion blur compensation as one that corresponds to an inverse filter of the sequence of light pulses. The use of pulsed light radiation modifies the hold effect filtering such that it can be better and more easily compensated by pre-filtering.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6897/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SHAVING DEVICE WITH IMPROVED CONTOUR FOLLOWING

(51) International classification :B26B19/14  
(31) Priority Document No :09154650.7  
(32) Priority Date :09/03/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/050890  
Filing Date :02/03/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
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(72)**Name of Inventor :**  
**1)BRADA Ype**  
**2)SMEDINGA Oege**  
**3)BARON Sint**

(57) Abstract :

A shaving head (3) comprises at least one cutting unit (4) in which an external cutting member (5) which has a function in contacting skin to be subjected to a shaving action is arranged and which is suspended relative to a holder (8) of the shaving head (3) through suspension means. In particular the suspension means comprise at least two pivot constructions wherein one pivot construction enables a member (9) of the suspension means to be pivotable relative to the holder (8) and wherein another pivot construction enables the external cutting member (5) to be pivotable relative to the suspension member (9) as mentioned. Furthermore a pivoting stiffness of a connection of the latter pivot construction is lower than a pivoting stiffness of the first pivot construction. In this way good contour following performance is obtained at two levels in both relatively small and relatively large curvature changing areas.

No. of Pages : 21 No. of Claims : 15



(12) PATENT APPLICATION PUBLICATION

(21) Application No.6898/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD FOR CONTROLLING MEDIUM ACCESS IN A MESH NETWORK AND STATION CARRYING OUT SUCH METHOD

(51) International classification	:H04W74/00
(31) Priority Document No	:09305215.7
(32) Priority Date	:09/03/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/050826
Filing Date	:25/02/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
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(72)**Name of Inventor :**  
**1)DENTENEER Theodorus**

(57) Abstract :

The present invention relates to Method for controlling medium access in a mesh network comprising the following steps: - a station of the network receiving a Network Allocation Vector (NAV) setting frame indicating a period of time during which the station cannot access the medium - the station setting a Network Allocation Vector expiration timer based on the received setting frame - the station detecting a least one reservation made by two other stations in the network and setting a respective Reservation Allocation Vector (RAV) expiration timer based on the duration of the detected reservation and storing the identity of the two stations as owners of the reservation - the station updating the NAV expiration timer as the latest of the NAV expiration time of the NAV setting frame and all set respective RAV expiration timers. Reference Figure : 1

No. of Pages : 12 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6899/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : TIME DOMAIN MULTIPLEXING FOR IMAGING USING TIME DELAY AND INTEGRATION SENSORS

(51) International classification	:G01J3/28
(31) Priority Document No	:09305221.5
(32) Priority Date	:10/03/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/050978
Filing Date	:08/03/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**  
**1)KIEFT Erik R.**

(57) Abstract :

A time delay integration (TDI) sensor (22) comprises a sequence of cells (42 44 42 44) numbered 1 to N. The TDI sensor is configured for transferring a charge from the cell numbered 1 via the cells numbered 2 to N-1 to the cell numbered N. Each cell (42; 44) in the sequence of cells is either sensitive or insensitive in the sense that when the TDI sensor (22) is evenly illuminated by light (46) having a first spectrum the intensity of the light (46) incident on any of the insensitive cells (44) is at most 90% of the intensity of the light (46) incident on any of the sensitive cells (42).

No. of Pages : 19 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7029/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : LIGHT EMITTING DEVICE AND LUMINAIRE

(51) International classification :F21V14/04  
(31) Priority Document No :09154969.1  
(32) Priority Date :12/03/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/050981  
Filing Date :08/03/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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(72)**Name of Inventor :**  
**1)VAN GORKOM Ramon P.**  
**2)VAN OERS Denis J. C.**

(57) Abstract :

This invention relates to a light emitting device (100) having a movable collimating unit for adjusting the output direction of light being emitted from the light emitting device. The light emitting device comprises a base unit (110) and a light output unit (120) which is engaged with the base unit. The light output unit comprises at least one light source (121) for emitting light. The light emitting device further comprises a movably arranged collimating unit (130) for adjusting the direction of the emitted light which is arranged such that it encompasses a light output portion (125) which is arranged on the light output unit.

No. of Pages : 20 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7030/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : ILLUMINATION DEVICE AND METHOD FOR EMBEDDING DATA SYMBOLS IN A LUMINANCE OUTPUT

(51) International classification :H04B10/10  
(31) Priority Document No :09155067.3  
(32) Priority Date :13/03/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/050983  
Filing Date :08/03/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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**2)WENDT Matthias**  
**3)RADERMACHER Harald J. G.**  
**4)KUPPEN Johan W. H.**

(57) Abstract :

The invention relates to embedding data symbols of a data signal into a luminance output of an illumination device. The device includes a controller configured for receiving a first base pattern and a second base pattern within a frame period and generating a shifted second pattern by phase shifting the second base pattern within the frame period with respect to the first base pattern in response to the data signal such that the data symbols are embedded in the luminance output of the device.

No. of Pages : 31 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7031/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : DOMESTIC APPLIANCE COMPRISING AN ANTIMICROBIAL AGENT

(51) International classification :D06F75/38  
(31) Priority Document No :09155035.0  
(32) Priority Date :12/03/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/051023  
Filing Date :10/03/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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(72)**Name of Inventor :**  
**1)XU Lingge**  
**2)VAN DEN BOOGAARD Maarten**  
**3)LEE Ya L.**

(57) Abstract :

The invention relates to a domestic appliance such as an iron provided with a surface layer. The surface layer comprises an antimicrobial agent associated with a carrier the carrier being inorganic and selected such that the antimicrobial activity of the surface layer according to JIS Z2801:2000 has a value of at least 2 after 100 hours of continuous use at a temperature of at least 230°C. In a preferred embodiment the carrier is selected from the group consisting of a phosphate and a soluble silicate while the antimicrobial agent is preferably selected from a group comprising ions of silver zinc copper selenium platinum or a combination thereof. The appliance stays fresher for a longer period of time than known hitherto. The invention further relates to an iron a steam ironing device and a method of manufacturing the appliance.

No. of Pages : 18 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7032/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : ZERO HEAT FLUX TEMPERATURE SENSING DEVICE

(51) International classification	:G01K1/16	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:09155065.7	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:13/03/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/050938	(72) <b>Name of Inventor :</b>
Filing Date	:04/03/2010	<b>1)KLEWER Jasper</b>
(87) International Publication No	: NA	<b>2)CHEUNG Amy O. M</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a zero heat flux temperature sensing device (100) for sensing a core body temperature of an object (113). The zero heat flux temperature sensing device (100) comprises a layer (107) a first temperature gradient sensor (105) a first heat flux modulator (103) and a heat flux modulator controller (102). The layer (107) has an opposing first side (112) and second side (108). In use the first side (112) is nearest to the object (113). The layer (107) is for obtaining a first temperature difference over the layer (107) in response to a first heat flux in a first direction from the first side (112) to the second side (108).

No. of Pages : 36 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7033/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SUPPLY CIRCUIT FOR SUPPLYING A SWITCH CIRCUIT

(51) International classification :H02M7/06  
(31) Priority Document No :09155140.8  
(32) Priority Date :13/03/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/051005  
Filing Date :09/03/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application  
Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
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(72)**Name of Inventor :**  
**1)DEEPE Carsten**  
**2)WENDT Matthias**

(57) Abstract :

To improve energy efficiencies supply circuits (1) for supplying switch circuits (2) have first supply modes for receiving first amounts of input power from sources (7) and providing first amounts of output power to output circuits (5) comprising control parts (3) of the switch circuits (2) and have second supply modes for receiving second amounts of input power and providing second amounts of output power. The first amounts of output power are larger than the second amounts of output power. The second amounts of input power are larger than zero and smaller than amounts of switch power necessary for operating the switch circuits (2). The switch circuits (2) may comprise relays for switching loads (8). The first amounts of input power may arrive via main contacts of the relays. Switches (47) may switch output signal levels. The relays may be bistable relays.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4635/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :28/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : LITHOGRAPHIC PRINTING PLATE PRECURSOR AND LITHOGRAPHIC PRINTING METHOD

(51) International classification

:G03F

(31) Priority Document No

:2010-

294336

(32) Priority Date

:28/12/2010

(33) Name of priority country

:Japan

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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**1)OOHASHI, HIDEKAZU**

**2)KOYAMA, ICHIRO**

**3)KANEHISA, MAYUKO**

**4)MORI, TAKANORI**

(57) Abstract :

A lithographic printing plate precursor includes a support and an image-recording layer containing a binder, a radical polymerizable compound and a radical polymerization initiator, wherein the binder comprises a multifunctional thiol having from 6 to 10 functional groups as a nucleus and polymer chains connected to the nucleus through a sulfide bond and the polymer chains have a polymerizable group.

No. of Pages : 81 No. of Claims : 12



(12) PATENT APPLICATION PUBLICATION

(21) Application No.9259/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :12/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A METHOD AND APPARATUS FOR PROVIDING INFORMATION ABOUT THE SOURCE OF A SOUND VIA AN AUDIO DEVICE

(51) International classification	:H03G 3/32
(31) Priority Document No	:09160267.2
(32) Priority Date	:14/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/051874
Filing Date	:29/04/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**  
**1)ALIAKSEYEU Dzmitry V.**  
**2)BEREZHNOY Igor**

(57) Abstract :

A method and apparatus for providing information about the source of a sound via an audio device is described. An ambient sound is detected (200) and specific sounds are identified in the detected ambient sound (202). Information about the source of the identified specific sounds is determined (204). An operational control characteristic of a generated audio stream rendered by an audio device is changed (206) and information about the source is provided to the audio device upon detection of said identified specific sounds (208).

No. of Pages : 16 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9260/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :12/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : LIGHTING ARRANGEMENT

(51) International classification :A61M 39/26  
(31) Priority Document No :09160269.8  
(32) Priority Date :14/05/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/052014  
Filing Date :07/05/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application  
Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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**4)SCHUTTE Christopher**  
**5)BAALJENS Johannes P. W.**  
**6)BAGEN Gerardus A. M.**

(57) Abstract :

A lighting arrangement for presentation of a first object is disclosed. The arrangement comprises an accent lighting assembly and a decoration lighting assembly. The accent lighting assembly is arranged to provide illumination of the first object has at least one accent light characteristic and comprises at least one accent light generating device. The decoration lighting assembly is arranged to provide background lighting of the first object has at least one decoration light characteristic and comprises at least one decoration light generating device.

No. of Pages : 30 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9261/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :12/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : STEAM DISCHARGE UNIT FOR USE IN A SOLEPLATE OF A STEAM IRON

(51) International classification :D06F 75/20

(31) Priority Document No :09160197.1

(32) Priority Date :14/05/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051893

Filing Date :30/04/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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**1)PANG Yen Leng**

**2)SINGH Ajit Pal**

**3)TAN Boon Teck**

**4)RETHMEIER Roel Alexander**

**5)KASEVAN Asok Kumar**

(57) Abstract :

A steam discharge unit (1) comprises a chamber (10) for accommodating a flow of a water-steam mixture and heating the water-steam mixture an inlet (11) to the chamber (10) and an outlet (12) from the chamber (10). In order to avoid water droplets from exiting the chamber (10) through the outlet (12) along with a flow of steam special measures are taken which comprise a barrier (20) arranged inside the chamber (10) in a flow path of a water-steam mixture from the inlet (11) to the outlet (12) and a hydrophobic surface (30) arranged preferably close to the outlet (12). In case water droplets remain inside the chamber (10) and tend to move towards the outlet (12) an actual release of the water droplets from the chamber (10) cannot take place by virtue of the presence of the barrier (20) and the hydrophobic surface (30) as mentioned.

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9262/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :12/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : APPARATUS&NBSP; METHOD AND COMPUTER PROGRAM FOR DETERMINING A PROPERTY OF A HEART

(51) International classification :A61B 5/00  
(31) Priority Document No :09160428.0  
(32) Priority Date :15/05/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/052040  
Filing Date :10/05/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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**1)HARKS Godefridus A.**  
**2)DELADI Szabolcs**  
**3)DE BOER Bart M.**  
**4)BARLEY Maya E.**  
**5)SUIJVER Jan F.**

(57) Abstract :

The present invention relates to an apparatus for determining a property of a heart. The apparatus comprises a catheter (5) which comprises a first property sensing unit for sensing a contraction signal indicative of a reoccurring local contraction of the heart (2) at a sensing site of the heart (2). The apparatus further comprises a first property determining unit (8) for determining the reoccurring local contraction of the heart (2) at the sensing site from the sensed contraction signal as a first property of the heart (2). The reoccurring local contraction provides information about the heart (2) which can be used for a better and/or more reliable characterization of the heart (2).

No. of Pages : 38 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.732/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : FREE FORM LIGHTING MODULE

(51) International classification	:G02B 6/00
(31) Priority Document No	:09165129.9
(32) Priority Date	:10/07/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/053066
Filing Date	:05/07/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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**1)BOONEKAMP Erik**

(57) Abstract :

The invention provides an illumination device comprising a waveguide having a first face a second face and a waveguide edge. The device further comprises a LED light source wherein the LED light source is arranged to couple at least part of the light source light into the waveguide element. The device also comprises a first transmissive reflector arranged at the first face side and a second transmissive reflector arranged at the second face side. The LED light source the waveguide the first transmissive reflector and the second transmissive reflector are arranged to generate the first and second light in a direction away from the first face and in a direction away from the second face respectively. Such an illumination device may allow lighting of a room for instance via the ceiling with uplight and lighting of a specific area in the room with downlight.

No. of Pages : 33 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.733/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : PRINTING MACHINE FOR TILES AND THE LIKE

(51) International classification	:B41J
(31) Priority Document No	:RE2011A000012
(32) Priority Date	:28/02/2011
(33) Name of priority country	:Italy
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**  
**1)PALUMBO Vincenzo**

(57) Abstract :

A machine for printing on tiles and the like comprising a support structure (6) for a plurality of printing modules (7) comprising respective heads provided with nozzles (8) for ejecting a printing fluid and means (9) for advancing the tiles to be printed according to a direction (A) arranged below said printing modules (7). Each printing module (7) is slidably associated to said support structure (6) according to a given sliding direction so as to be able to translated outside from the encumbrance of said advancing means (9).

No. of Pages : 26 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9233/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : COMPRESSION CODING AND DECODING METHOD&NBSP; CODER&NBSP; DECODER&NBSP; AND CODING DEVICE

(51) International classification :G10L 19/04  
(31) Priority Document No :200910107562.5  
(32) Priority Date :01/06/2009  
(33) Name of priority country :China  
(86) International Application No :PCT/CN2010/073381  
Filing Date :31/05/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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(72)**Name of Inventor :**  
**1)QI Fengyan**  
**2)MIAO Lei**  
**3)ZHANG Qing**

(57) Abstract :

The embodiments of the present invention relate to a compression coding and decoding method, a coder, a decoder and a coding device. The compression coding method includes: extracting sign information of an input signal to obtain an absolute value signal of the input signal; obtaining a residual signal of the absolute value signal by using a prediction coefficient, where the prediction coefficient is obtained by prediction and analysis that are performed according to a signal characteristic of the absolute value signal of the input signal; and multiplexing the residual signal, the sign information and a coding parameter to output a coding code stream, after the residual signal, the sign information and the coding parameter are respectively coded, so as to improve compression efficiency of a voice and audio signal.

No. of Pages : 39 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9367/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : INTERPOLATION FREE FAN-TO-PARALLEL BEAM RE-BINNING

(51) International classification :G06T 11/00

(31) Priority Document No :61/179117

(32) Priority Date :18/05/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2010/051628

Filing Date :14/04/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

**1)SHECHTER Gilad**

**2)LIVNE Amir**

(57) Abstract :

A fan-to-parallel beam re-binner (114) includes a time deflection determiner (202) that determines time deflections for a plurality of integration periods for different detector pixels (113 334) of an imaging system (100) a data shifter (204) that shifts fan beam data acquired for the integration periods by the system (100) by time offsets corresponding to the time deflections; and a data re-sorter (206) that parallelizes the data.

No. of Pages : 23 No. of Claims : 15



(12) PATENT APPLICATION PUBLICATION

(21) Application No.9368/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : ARRANGEMENT AND METHOD FOR INFLUENCING AND/OR DETECTING MAGNETIC PARTICLES

(51) International classification :A61B 5/05  
(31) Priority Document No :09160510.5  
(32) Priority Date :18/05/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/052111  
Filing Date :12/05/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :  
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(72)Name of Inventor :  
**1)BORGERT Joern**  
**2)GLEICH Bernhard**

(57) Abstract :

The present invention relates to an arrangement and a method for influencing and/or detecting magnetic particles in a region of action for monitoring of intra-cerebral or intra-cranial bleeding using Magnetic Particle Imaging (MPI). A common coupling unit per coil of a coil array is provided for coupling all signals for generating the magnetic fields to the set of common coils. Further the same coils are used for acquiring detection signals. In this way a small scanner can be built that can be left permanently or can be provided periodically to the patient in particular for bleeding monitoring.

No. of Pages : 31 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7034/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PATTERN-PROJECTING LIGHT-OUTPUT SYSTEM

(51) International classification :F21S10/00	(71)Name of Applicant :
(31) Priority Document No :09155156.4	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date :13/03/2009	Address of Applicant :GROENEWOUDSEWEG 1
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(86) International Application No :PCT/IB2010/051047	(72)Name of Inventor :
Filing Date :11/03/2010	1)KRIJN Marcellinus P. C. M.
(87) International Publication No : NA	2)VISSEMBERG Michel C. J. M.
(61) Patent of Addition to Application Number :NA	3)DEKKER Tim
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

A light-output system (1) for forming a controllable pattern (10) of illuminated spots (11a b) in a distant projection plane (3). The light-output system (1) comprises a plurality of individually controllable light-output devices (6a c) arranged in an array (5) of light-output devices with a light-output device pitch (PLS) and an optical system (7) arranged between the array (5) of light-output devices and the projection plane (3). The optical system (1) is configured to project light emitted by the array (5) of light-output devices in the projection plane (5) as a projected array of illuminated spots (11a c) having a projection pitch (Pspot) that is larger than the light-output device pitch (PLS). Using this light-output system practically all of the luminous power output by the light-output devices is used for projecting the light patterns.

No. of Pages : 20 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7035/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : EMBEDDING AND EXTRACTING ANCILLARY DATA

(51) International classification :G11B20/00

(31) Priority Document No :09155086.3

(32) Priority Date :13/03/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/050955

Filing Date :05/03/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

**1)DE BONT Fransiscus M. J.**

**2)OOMEN Arnoldus W. J.**

**3)SCHUIJERS Erik G. P.**

(57) Abstract :

The invention proposes a method for embedding an ancillary data into a compressed audio signal. This is achieved by replacing Least Significant Bits (LSBs) in at least one frequency subband of the compressed audio signal by the ancillary data. When replacing LSB bits of compressed subband signals with the ancillary data the subband signal is effectively modified resulting in a different decoded output. The replaced LSB bits corresponding to the ancillary data are conveyed as part of the bitstream and can be easily extracted at the decoder. In such a way the decoder obtains the ancillary data that can be used for more advanced audio reproduction at the decoder. The compressed audio itself maintains a good audio quality despite the replacement of the LSB bits of the frequency subband because the LSB bits do not contribute to the audible artefacts.

No. of Pages : 16 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9450/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR PROMPTING A SUBJECT TO ALTER ONE OR MORE BREATHING PARAMETERS

(51) International classification :A61M 16/00  
(31) Priority Document No :61/179411  
(32) Priority Date :19/05/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/051709  
Filing Date :19/04/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
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(72)Name of Inventor :  
**1)PITTMAN Stephen Dalton**  
**2)WITT Erik Kurt**

(57) Abstract :

A subject is prompted to consciously alter one or more breathing parameters of respiration. To prompt the subject to alter one or more breathing parameters a pressurized flow of breathable gas is provided to the airway of the subject. One or more gas parameters of the gas in the pressurized flow of breathable gas are adjusted to provide breathing cues to the subject that encourage the subject to consciously adjust respiration such that the one or more breathing parameters are altered. Information is also conveyed to the subject through a user interface that dynamically provides information to the subject about the breathing cues.

No. of Pages : 23 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9451/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : RESONANT POWER CONVERTER FOR DRIVING AN INDUCTIVE LOAD

(51) International classification :H05B 41/28  
(31) Priority Document No :09160722.6  
(32) Priority Date :20/05/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/052201  
Filing Date :18/05/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)HENDRIX Machiel A. M.**  
**2)GERRITS Thomas**

(57) Abstract :

A resonant power converter (1) for driving an inductive load is designed for operation at an operational frequency (Fop) of 13.56 MHz and comprises: - a series arrangement of a first inductor (L1) and a first controllable switch (Q1) connected to a DC voltage source (DC); - a series arrangement of a second inductor (L2) and a second controllable switch (Q2) connected to said DC voltage source (DC); - a first parallel capacitance (Cds1) associated with the first controllable switch (Q1); - a second parallel capacitance (Cds2) associated with the second controllable switch (Q2); - a controller (30) for driving the switches (Q1 Q2); - the load is coupled between said nodes (A B); - the switches alternate between a conductive state and a non-conductive state at a duty cycle of 50%; - the switching frequency (Fsw) is one-third of said operational frequency (Fop).

No. of Pages : 22 No. of Claims : 12

## (54) Title of the invention : SUPPLY CIRCUIT

(51) International classification :H05B 33/08

(31) Priority Document No :09155842.9

(32) Priority Date :23/03/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051109

Filing Date :15/03/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

## (71)Name of Applicant :

**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

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## (72)Name of Inventor :

**1)CHRISTOPH Martin****2)JACOBS Joseph H. A. M.****3)HENTE Dirk**

## (57) Abstract :

The present invention relates to a supply circuit (1) comprising: - input terminals (17 19) for coupling said supply circuit (1) to a DC power source (7) - two output terminals for coupling a load circuit (11) to said supply circuit (1) - a bridge circuit (3) comprising at least two series-connected switches (M1 M2) coupled between said two output terminals - a resonant circuit (5) coupled at one end to one or more input terminals and coupled at another end to the interconnection (15) of the at least two switches (M1 M2) of the bridge circuit (3) and - at least two diodes (D1 D2) wherein a first diode (D1) is coupled between a first input terminal provided for coupling a positive terminal of said power source (7) and a first end terminal of said series-connected switches said first end terminal being coupled to a first output terminal, and wherein a second diode (D2) is coupled between a second input terminal provided for coupling a negative terminal of said power source (7) and a second end terminal of said series-connected switches, said second end terminal being coupled to a second output terminal.

No. of Pages : 25 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7526/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :17/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : GAS SENSING USING ULTRASOUND

(51) International classification :G01N 33/00  
(31) Priority Document No :61/162361  
(32) Priority Date :23/03/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/051043  
Filing Date :10/03/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
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(72)**Name of Inventor :**  
**1)SCHELLEKENS Martijn**  
**2)KAHLMAN Josephus Arnoldus Henricus Maria**  
**3)VAN DER MARK Martinus Bernardus**  
**4)DIRKSEN Peter**  
**5)VAN KESTEREN HANS Willem**

(57) Abstract :

A sensor chip (1030) for gas has cells (200) for emitting and receiving ultrasound and is configured for a sufficiently large frequency range and for measuring concentration of at least one of the gas components based on at least two responses within the range. The frequency range can be achieved by varying the size of cell membranes (230) varying bias voltages and/or varying air pressure for an array (205) of cMUTs or MEMS microphones. The sensor chip can be applied in for example capnography. A measurement air chamber (515) is implemented in the respiratory pathway (400) and it and/or the pathway may be designed to reduce turbulence in the exhaled breath (120) subject to ultrasound interrogation. The chip (1030) can be implemented as self-contained in the monitoring of parameters obviating the need for off-chip sensors.

No. of Pages : 40 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7527/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :17/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : GAS MIXING CONTROL APPARATUS AND METHOD

(51) International classification :A61M 16/12  
(31) Priority Document No :61/162453  
(32) Priority Date :23/03/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/051044  
Filing Date :10/03/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
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(72)**Name of Inventor :**  
**1)AHMAD Samir**

(57) Abstract :

A ventilator includes first and second pathways a conduit and a controller. The first pathway is configured to supply a first gas and the second pathway is configured to supply a second gas where the second gas is mixed with the first gas to produce mixed gas having a predetermined percentage of the second gas. The conduit is configured to provide the mixed gas from the first and second pathways to an access port during an inspiratory phase and to provide discharged gas from the access port to the first pathway during an expiratory phase. The controller is configured to delay supply of the second gas from the second pathway for a delay time in order to maintain the predetermined percentage of the second gas in the mixed gas provided to the access port during a subsequent inspiratory phase.

No. of Pages : 17 No. of Claims : 15



(12) PATENT APPLICATION PUBLICATION

(21) Application No.9496/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PREPARATION OF ESOMEPRAZOLE AND ITS PHARMACEUTICALLY ACCEPTABLE SALTS

(51) International classification :C07D 401/12  
(31) Priority Document No :1452/CHE/2009  
(32) Priority Date :19/06/2009  
(33) Name of priority country :India  
(86) International Application No :PCT/US2010/039187  
Filing Date :18/06/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :  
**1)Dr. Reddys Laboratories Limited**  
Address of Applicant :Dr. Reddys Laboratories Limited 7-1-27 Ameerpet Hyderabad Andhra Pradesh India - 500 016.  
**2)Dr. Reddys Laboratories Inc.**  
(72)Name of Inventor :  
**1)Bhimavarapu Srinivasa Reddy**  
**2)Vakamudi Sree Naga Venkata Lakshmi Vara Prasad**  
**3)Elati Ravi Ram Chandra Sekhar**  
**4)Bolugoddu Vijaya Bhaskar**

(57) Abstract :

Processes for the preparation of esomeprazole and its pharmaceutically acceptable salts.

No. of Pages : 32 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.965/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : CHARGING SYSTEM

(51) International classification	:H01M	(71)Name of Applicant :
(31) Priority Document No	:2011-058708	1)HONDA MOTOR CO. LTD
(32) Priority Date	:17/03/2011	Address of Applicant :1-1 Minami-Aoyama 2-chome
(33) Name of priority country	:Japan	Minato-ku Tokyo 107-8556 Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)HAMAUZU Akira
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

[Problem] To provide an inexpensive charging system capable of charging a battery for a vehicle only when a main switch is turned off in the case where the battery for the vehicle is charged. [Solution] In a charging system charging a battery by connecting a charger connector having a first positive output portion and a second positive output portion, and a negative output section connected to a positive input section, and a second negative input portion and a first negative input portion, which is installed in a charger body to a vehicle-body charging connector having a positive input section and a first negative input portion and a second negative input portion connected to a positive terminal and a negative terminal of the battery, an interlock switch which is turned on when the power switch of the vehicle body is turned off and turned off when the power switch is turned on is installed between the negative terminal of the battery and the second negative input portion, the first positive output portion and the second positive output portion are connected to each other with a coil of a relay circuit installed in the charger body interposed therebetween, and a relay switch of the relay circuit in which on and off operations are switched by the coil is connected to the first positive output portion.

No. of Pages : 72 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.723/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : OLED PHOTOTHERAPY DEVICE CROSS-REFERENCE TO RELATED APPLICATIONS

(51) International classification	:A61N5/06	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:61/224120	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:09/07/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:U.S.A.	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/052735	(72) <b>Name of Inventor :</b>
Filing Date	:17/06/2010	<b>1)MORREN Geert Guy Georges</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides a phototherapy device that includes a controlled environment defined by a plurality of transparent panels and at least one light emitting diode portion that projects light into the controlled environment.

No. of Pages : 22 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.724/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : PATTERNING DEVICE FOR GENERATING A PATTERN IN AND/OR ON A LAYER

(51) International classification :H01L51/50  
(31) Priority Document No :09164709.9  
(32) Priority Date :07/07/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053073  
Filing Date :05/07/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
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(72)**Name of Inventor :**  
**1)VERSCHUREN Coen Adrianus**

(57) Abstract :

The invention relates to a patterning device (10, 12) for generating a pattern (20, 22, 24) in and/or on a layer (32, 34) via a condensed light beam (40). The patterning device comprises a light source (50) for generating the condensed light beam (40), a diffractive optical element (60) for splitting the condensed light beam (40) into a plurality of condensed sub-beams (40A, 40B, 40C) and positioning means (70) for positioning the layer relative to the plurality of condensed sub-beams for generating the pattern. The condensed sub-beams are configured for generating the pattern in and/or on the layer. At least two subbeams of the plurality of condensed sub-beams comprise substantially equal intensity. An effect of the patterning device according to the invention is that a single condensed light beam is split into a plurality of condensed sub-beams to generate a multi-spot patterning for patterning relatively large areas using the plurality of condensed sub-beams. As such, the patterning time for filling that area in the pattern and for generating the pattern in and/or on the layer is considerably reduced.

No. of Pages : 36 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.933/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :14/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : COMPRESSOR

(51) International classification	:F04B	(71)Name of Applicant :
(31) Priority Document No	:2011-058100	1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
(32) Priority Date	:16/03/2011	Address of Applicant :2-1 Toyoda-cho Kariya-shi Aichi-ken Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)KINOSHITA Yusuke
Filing Date	:NA	2)ENAMI Shingo
(87) International Publication No	: NA	3)SUITOU Ken
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An electric compressor includes an inverter cover. The inverter cover has a metal plate that is arranged to cover an inverter (a circuit board). The metal plate has bolt insertion holes through which metal bolts for fixing the inverter cover to a suction housing are passed. The head of each bolt contacts a flange portion which is the periphery of the corresponding bolt insertion hole. The inverter cover is formed of plastic by being molded in a mold using the metal plate as a core.

No. of Pages : 32 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.966/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : DATA STORAGE APPARATUS AND DATA STORAGE METHOD

(51) International classification	:H04L	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-060597	<b>1)NEC Corporation</b>
(32) Priority Date	:18/03/2011	Address of Applicant :7-1 Shiba 5-chome Minato-ku
(33) Name of priority country	:Japan	Tokyo 108-8001 Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)NYUUNOYA Yoshinori</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A data storage apparatus of the present invention includes a data collector that collects time-series data and a sampler that calculates for each piece of the data a plurality of change indices indicating change in each piece of the data and determines whether or not the piece of data is to be sampled.

No. of Pages : 21 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.980/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : MICROCAPSULES PRODUCED FROM BLENDED SOL-GEL PRECURSORS AND METHOD FOR PRODUCING THE SAME•

(51) International classification	:A61Q	(71)Name of Applicant :
(31) Priority Document No	:61/453,977	<b>1)INTERNATIONAL FLAVORS &amp; FRAGRANCES INC.</b>
(32) Priority Date	:18/03/2011	Address of Applicant :521 West 57th Street New York
(33) Name of priority country	:U.S.A.	10019 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)Yabin Lei</b>
(87) International Publication No	: NA	<b>2)Michael Lewis Popplewell</b>
(61) Patent of Addition to Application Number	:NA	<b>3)Xiao Huang</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention features microcapsule particles with an oil or aqueous liquid core and shell composed of a blend of metal or semi-metal oxide polymers. Methods for preparing and using the microcapsule particles in personal care therapeutic cosmetic and cosmeceutic products are also provided.

No. of Pages : 64 No. of Claims : 77

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9954/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A VEHICULAR DISPLAY DEVICE

(51) International classification	:B60K 37/02	(71)Name of Applicant :
(31) Priority Document No	:2005-250043	<b>1)HONDA MOTOR CO., LTD.</b>
(32) Priority Date	:30/08/2005	Address of Applicant :1-1, MINAMI-AOYAMA 2-
(33) Name of priority country	:Japan	CHOME, MINATO-KU, TOKYO 107-8556 Japan
(86) International Application No	:PCT/JP2006/317416	(72)Name of Inventor :
Filing Date	:29/08/2006	<b>1)ARIE, KENICHI</b>
(87) International Publication No	:WO/2007/026923	<b>2)HASUNUMA, KAZUHIRO</b>
(61) Patent of Addition to Application	:NA	<b>3)WADA, NAOKI</b>
Number	:NA	<b>4)KOBAYASHI, MASAHIRO</b>
Filing Date	:NA	<b>5)KABAYAMA, HIDETOSHI</b>
(62) Divisional to Application Number	:996/CHENP/2008	<b>6)KOIKE, MAKOTO</b>
Filed on	:29/08/2006	

(57) Abstract :

A vehicular display device that includes a transmissive first liquid crystal display unit having a plurality of display elements; a transmissive second liquid crystal display unit superposed on the first liquid crystal display unit and having a plurality of display elements; and a controller for controlling the display elements of the first second liquid crystal display units, so as to display information required by a driver of the vehicle. The information displayed by the display elements includes at least first information indicative of a status of the vehicle, second information for confirming an operating setting of a vehicle-mounted device on the vehicle, and third information for indication to the driver. The controller controls the display elements to selectively display the information by selectively energizing and de-energizing the display elements, and further controls the display elements to simultaneously display the information in a non-overlapping manner.

No. of Pages : 58 No. of Claims : 4



(12) PATENT APPLICATION PUBLICATION

(21) Application No.6902/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PICTURE CODING METHOD AND PICTURE DECODING METHOD

(51) International classification :G06T 9/00  
(31) Priority Document No :2002-110424  
(32) Priority Date :12/04/2002  
(33) Name of priority country :Japan  
(86) International Application No :PCT/JP2003/04538  
Filing Date :10/04/2003  
(87) International Publication No :WO/2003/088677  
(61) Patent of Addition to Application  
Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :1961/CHENP/2003  
Filed on :10/04/2003

(71)**Name of Applicant :**  
**1)PANASONIC CORPORATION**  
Address of Applicant :1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501 Japan  
(72)**Name of Inventor :**  
**1)KADONO, SHINYA**  
**2)ABE, KIYOFUMI**  
**3)KONDO,SATOSHI**  
**4)HAGAI, MAKOTO**

(57) Abstract :

The present invention provides an image coding method and an Image decoding method by which an Image can be' restored correctly even If part of memory management information Is lost by a transmission channel error, a candidate of a reference Image that can be referred to Is selected more appropriately, and coding efficiency Is improved. The Image coding method Includes a step for executing coding of an Image (Step 100), a step for coding whether a picture In the memory which Is never used as reference exists (Step 102), a step for coding memory management information for releasing the picture in the memory which is never used as reference when a . picture In the memory which Is never used as reference-exists (Step1 1 103), a step for releasing the picture In the memory which Is never used as reference (Step 104), a step for judging whether the . memory management Information that releases the picture in the. memory which Is never used as reference Is coded by coding of an image immediately before (Step 105), and a step, for coding again the memory management information that releases the picture in the memory which Is never used as reference when the memory management Information Is coded (Step 106).

No. of Pages : 118 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6903/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD FOR MEASURING RESISTANCE OR SENSITIVITY TO DOCETAXEL

(51) International classification	:C12Q	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:60/634,298	<b>1)AVENTIS PHARMACEUTICALS INC.</b>
(32) Priority Date	:08/12/2004	Address of Applicant :55 CORPORATE DRIVE,
(33) Name of priority country	:U.S.A.	BRIDGEWATER, NEW JERSEY 08807 U.S.A.
(86) International Application No	:PCT/US2005/43578	(72) <b>Name of Inventor :</b>
Filing Date	:01/12/2005	<b>1)GRUENEBERG, DORRE</b>
(87) International Publication No	:WO/2006/062811	<b>2)HUANG, XI</b>
(61) Patent of Addition to Application	:NA	<b>3)NATESAN, SRIDARAN</b>
Number	:NA	<b>4)AUGUST, PAUL</b>
Filing Date	:NA	
(62) Divisional to Application Number	:2444/CHENP/2007	
Filed on	:01/12/2005	

(57) Abstract :

The present invention relates to a method for predicting or monitoring a cancer patient's response to a molecule of the taxoid family, comprising the steps of: a) measuring the level of budding uninhibited by benzimidazoles 1 homolog (Bubl) in a test sample from a cancerous area of said patient and a control sample; and b) comparing the measured levels of Bubl in the test sample and the control sample; wherein a decrease in the level of Bubl measured in the test sample as compared to the control sample indicates an increased resistance to a molecule of the taxoid family.

No. of Pages : 138 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6904/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD FOR MEASURING RESISTANCE OR SENSITIVITY TO DOCETAXEL

(51) International classification	:C12Q	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:60/634,298	<b>1)AVENTIS PHARMACEUTICALS INC.</b>
(32) Priority Date	:08/12/2004	Address of Applicant :55 CORPORATE DRIVE,
(33) Name of priority country	:U.S.A.	BRIDGEWATER, NEW JERSEY 08807 U.S.A.
(86) International Application No	:PCT/US2005/043578	(72) <b>Name of Inventor :</b>
Filing Date	:01/12/2005	<b>1)GRUENEBERG, DORRE</b>
(87) International Publication No	:WO/2006/062811	<b>2)HUANG, XI</b>
(61) Patent of Addition to Application	:NA	<b>3)NATESAN, SRIDARAN</b>
Number	:NA	<b>4)AUGUST, PAUL</b>
Filing Date	:NA	
(62) Divisional to Application Number	:2444/CHENP/2007	
Filed on	:01/12/2005	

(57) Abstract :

The present invention relates to a method for predicting or monitoring a cancer patient's response to a molecule of the taxoid family, comprising the steps of: a) measuring the level of RAC/CDC42 exchange factor (GEFT for Rac1/CDC42) in a test sample from a cancerous area of said patient and a control sample; and b) comparing the measured levels of GEFT for Rac1/CDC42 in the test sample and the control sample; wherein a decrease in the level of GEFT for Rac1/CDC42 measured in the test sample as compared to the control sample indicates an increased resistance to a molecule of the taxoid family.

No. of Pages : 138 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6905/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD FOR MEASURING RESISTANCE OR SENSITIVITY TO DOCETAXEL

(51) International classification	:C12Q	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:60/634,298	<b>1)AVENTIS PHARMACEUTICALS INC.</b>
(32) Priority Date	:08/12/2004	Address of Applicant :55 CORPORATE DRIVE,
(33) Name of priority country	:U.S.A.	BRIDGEWATER, NEW JERSEY 08807 U.S.A.
(86) International Application No	:PCT/US2005/043578	(72) <b>Name of Inventor :</b>
Filing Date	:01/12/2005	<b>1)GRUENEBERG, DORRE</b>
(87) International Publication No	:WO/2006/062811	<b>2)HUANG, XI</b>
(61) Patent of Addition to Application	:NA	<b>3)NATESAN, SRIDARAN</b>
Number	:NA	<b>4)AUGUST, PAUL</b>
Filing Date	:NA	
(62) Divisional to Application Number	:2444/CHENP/2007	
Filed on	:01/12/2005	

(57) Abstract :

The present invention relates to a method for predicting or monitoring a cancer patient's response to a molecule of the taxoid family, comprising the steps of: a) measuring the level of Mad2 in a test sample from a cancerous area of said patient and a control sample; and b) comparing the measured levels of Mad2 in the test sample and the control sample; wherein a decrease in the level of Mad2 measured in the test sample as compared to the control sample indicates an increased resistance to a molecule of the taxoid family.

No. of Pages : 138 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6906/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD FOR MEASURING RESISTANCE OR SENSITIVITY TO DOCETAXEL

(51) International classification	:C12Q
(31) Priority Document No	:60/634,298
(32) Priority Date	:08/12/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US05/43578
Filing Date	:01/12/2005
(87) International Publication No	:WO/2006/062811
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:2444/CHENP/2007
Filed on	:01/12/2005

(71)**Name of Applicant :**  
**1)AVENTIS PHARMACEUTICALS INC.**  
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(72)**Name of Inventor :**  
**1)GRUENEBERG, DORRE**  
**2)HUANG, XI**  
**3)NATESAN, SRIDARAN**  
**4)AUGUST, PAUL**

(57) Abstract :

The present invention relates to a method for predicting or monitoring a cancer patient's response to a molecule of the taxoid family, comprising the steps of: a) measuring the level of TTK protein kinase (Mpsl) in a test sample from a cancerous area of said patient and a control sample; and b) comparing the measured levels of Mpsl in the test sample and the control sample; wherein a decrease in the level of Mpsl measured in the test sample as compared to the control sample indicates an increased resistance to a molecule of the taxoid family.

No. of Pages : 138 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9452/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : LIGHT MODULE

(51) International classification :H05B 33/08

(31) Priority Document No :09160796.0

(32) Priority Date :20/05/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051976

Filing Date :05/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

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(72)Name of Inventor :

**1)LENDERINK Egbert**

**2)WILLEMSSEN Oscar H.**

**3)CALON Georges M.**

(57) Abstract :

The invention relates to a light module for electrical and thermal attachment to an energy infrastructure having at least one power supply, each power supply comprising two electrodes, said light module comprising a light source to emit light, wherein the light source is a heat source when emitting light, two electrical contacts to contact the electrodes of the at least one power supply and thereby establishing the electrical attachment between the light module and the energy infrastructure, a control system arranged between the light source and the electrical contacts to control a power supplied to the light source, wherein the light module comprises a measurement system to measure a thermal resistance of the thermal attachment between the light module and the energy infrastructure when establishing the electrical attachment, and wherein the control system is configured to reduce the power supplied to the light source when the thermal resistance is above a predetermined value to protect the light module from overheating. The invention also relates to a method for protecting a light module from overheating.

No. of Pages : 17 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9453/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : DETECTOR ARRAY WITH PRE-FOCUSED ANTI-SCATTER GRID

(51) International classification :G01T 1/29

(31) Priority Document No :61/179817

(32) Priority Date :20/05/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2010/051630

Filing Date :14/04/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

**1)LUHTA Randall P.**

**2)MATTSON Rodney A.**

**3)HARWOOD Brian E.**

(57) Abstract :

A radiation sensitive detector array includes a plurality of detector modules (118) extending along a z-axis direction and aligned along an x-axis direction with respect to the imaging system (100). At least one of the detector modules (118) includes a module backbone (124) and at least one detector tile (122). The at least one detector tile (122) is coupled to the module backbone (124) through a non-threaded fastener (142). The at least one detector tile (122) includes a two-dimensional detector (126) and a two-dimensional anti-scatter grid (128) that is focused at a focal spot (112) of an imaging system (100).

No. of Pages : 20 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9454/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : BIOMARKERS BASED ON SETS OF MOLECULAR SIGNATURES

(51) International classification :G06F 19/00

(31) Priority Document No :61/179847

(32) Priority Date :20/05/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2010/052208

Filing Date :18/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

**1)JANEVSK Angel**

**2)VARADAN Vinay**

**3)BANERJEE Nilanjana**

(57) Abstract :

A method (10) for forming novel signatures of biological data is provided. The method comprises ranking features based on a trend value which is created based on multiple signatures identified by a pattern discovery method. Furthermore a device (30) and a computer program product (40) performing the steps according to the method (10) is provided. Uses of the method for statistically analyzing clinical data designing assays based on multiple molecular signatures and interpreting assays based on multiple molecular signatures are also provided.

No. of Pages : 23 No. of Claims : 8



(12) PATENT APPLICATION PUBLICATION

(21) Application No.9455/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : DATA ACQUISITION AND VISUALIZATION MODE FOR LOW DOSE INTERVENTION GUIDANCE IN COMPUTED TOMOGRAPHY

(51) International classification	:A61B 6/03
(31) Priority Document No	:61/179734
(32) Priority Date	:20/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/051977
Filing Date	:05/05/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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Address of Applicant :GROENEWOUDSEWEG 1  
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(72)**Name of Inventor :**  
**1)GRASS Michael**  
**2)HANSIS Eberhard Sabastian**

(57) Abstract :

A system and method for monitoring a guided intervention device includes determining (306) a position of an intervention device inside a subject using a radiation source to image the intervention device. A circular acquisition is performed (304) to update the position of the intervention device wherein the acquisition includes skipping view angles by turning off a radiation source at given angular positions. A model of the intervention device is generated (308) to provide a virtual image of the intervention device against a background of the subject. Movement of the intervention device is modeled (310) during the skipped view angles to provide substantially real-time tracking of the intervention device.

No. of Pages : 15 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.686/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : POWER SUPPLY CONNECTING SECTION HOUSING STRUCTURE FOR SADDLE-RIDE TYPE VEHICLE

(51) International classification :H01M  
(31) Priority Document No :2011-040858  
(32) Priority Date :25/02/2011  
(33) Name of priority country :Japan  
(86) International Application No :NA  
Filing Date :NA  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :  
**1)HONDA MOTOR CO., LTD.**  
Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan  
(72)Name of Inventor :  
**1)ASAI, KOHEI**  
**2)IWAKUMA, HIROMI**  
**3)OYAMA, TAKAHIRO**  
**4)KAWASAKI, SHINJI**

(57) Abstract :

To provide a power supply connecting section housing structure for a saddle-ride type vehicle, which is capable of achieving at the same time a reduction in the troublesomeness of routine charging work and high waterproofness of the power supply connecting section. [Solution] The saddle-ride type vehicle includes a body frame 10, a steering device 20 held steerably by the body frame 10, a front wheel 25 supported turnably by the steering device, front cowls 51 covering the front and flanks of the steering device, a front fender 26 arranged between the front cowls and the front wheel and fixed to the steering device, an electric motor 61 mounted on the body frame, a battery 64 mounted on the body frame, and a power supply connecting section 130 that supplies electricity to the battery from outside the vehicle, and the electric motor is used as the power source. An opening 110 that can be blocked by a lid member 120 is arranged on the front face side or the upper face side of the front cowls in a position higher than the front fender, and the power supply connecting section 130 is housed inside the opening 110.

No. of Pages : 75 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.729/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : KITCHEN APPLIANCE

(51) International classification :A47J19/02  
(31) Priority Document No :09165017.6  
(32) Priority Date :09/07/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053103  
Filing Date :07/07/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
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(72)**Name of Inventor :**  
**1)BRENNIA Claudio**  
**2)KLANCNIK Laura**  
**3)HOLZBAUER Juergen**

(57) Abstract :

A kitchen appliance is provided comprising a rotatable filter element (30) having a closed bottom provided with a grating disc (34). Said bottom having an outer perimeter wherein the filter element comprises a conical perforated wall (33) that extends from said outer perimeter to an upper edge which upper edge defines an open upper part of the filter element.

No. of Pages : 21 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.979/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : BLACK AND WHITE SILVER HALIDE PHOTOSENSITIVE MATERIAL

(51) International classification	:G03C	(71)Name of Applicant :
(31) Priority Document No	:2011-058615	<b>1)FUJIFILM Corporation</b>
(32) Priority Date	:16/03/2011	Address of Applicant :26-30 Nishiazabu 2-chome Minato-
(33) Name of priority country	:Japan	ku Tokyo Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)OOZEKI Katsuhisa</b>
(87) International Publication No	: NA	<b>2)SAKAI Hidekazu</b>
(61) Patent of Addition to Application Number	:NA	<b>3)SHIRAI Hideyuki</b>
Filing Date	:NA	<b>4)TESHIMA Yuuki</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A black and white silver halide photosensitive material having: a support; at least one silver halide emulsion layer; and at least one non-photosensitive layer wherein both of the silver halide emulsion layer and -the non-photosensitive layer are positioned at one side of the support the non-photosensitive layer includes carbon particles of 35 mg/m<sup>2</sup> or more and the non-photosensitive layer is positioned closer to the support than all of the silver halide emulsion layers

No. of Pages : 34 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.998/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : DRAFTING ARRANGEMENT WITH A COMPACTING DEVICE OF A SPINNING MACHINE

(51) International classification	:B65H	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:00477/11	<b>1)MASCHINENFABRIK RIETER AG</b>
(32) Priority Date	:21/03/2011	Address of Applicant :Klosterstrasse 20 CH-8406
(33) Name of priority country	:Switzerland	Winterthur Switzerland
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SCHNEIDER Gabriel</b>
(87) International Publication No	: NA	<b>2)MALINA Ludek</b>
(61) Patent of Addition to Application Number	:NA	<b>3)ZARECKY Radek</b>
Filing Date	:NA	<b>4)BLAZEK Petr</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a drafting arrangement (1) of a spinning machine with an upstream traversing device (20) via which the fiber material (F) is fed by means of a traversing movement (ct cl) taking place laterally to the conveying direction (FS), and with a subsequent compacting device (9, 16, 50) which has a circulating compacting means (9) on which low-pressure acts and which is provided with a suction zone (SZ) towards which the fiber material delivered from the drafting arrangement is drawn under the influence of a suction airflow, wherein the suction zone is provided with perforations (0) distributed over the circumference (AF) of the compacting means, and following the suction zone (SZ), a twist stop roller (14, 14a, 14b, 14c) is provided which, together with the compacting means (9), forms a clamping point (D) from where the fiber material is fed to a subsequent twist-forming device (40). For automatically interrupting the spinning process during a failure of the suction air flow at the compacting device it is proposed that - viewed in the direction of the rotational axis (14) of the twist stop roller (14a, 14b) - the twist stop roller has a cylindrical section (ZA) which forms the clamping point (ZA) and which is followed by sections (K1( K2, Z4 to Z7; Z8, Z9) which in each case protrude toward the ends of the twist stop roller, said sections decreasing in steps or continuously toward the ends with regard to their diameter, wherein the width (b) of the cylindrical section (ZA) of the twist stop roller is greater than the width (s) of the suction zone (SZ), and - viewed in the conveying direction (FS) of the fiber material - at least one of the reversal points (U1, U2) of the traversing path (c, d) lies outside of the cylindrical section (ZA) of the twist stop roller and within a section (K1, K2, Z4 to Z7, Z8, Z9) following the cylindrical section.

No. of Pages : 17 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7736/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : MARKER ADAPTED NORMAL TISSUE COMPLICATION PROBABILITY

(51) International classification :A61N 5/10

(31) Priority Document No :61/163983

(32) Priority Date :27/03/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2010/050732

Filing Date :18/02/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

**1)WEIBRECHT Martin**

**2)GEORGI Jens Christoph**

**3)RIBBING Carolina M.**

(57) Abstract :

A therapy system includes a diagnostic image scanner (12) that acquires a diagnostic image of a target region to be treated. A planning processor (70) is configured to generate a patient specific adaptive radiation therapy plan based on patient specific biomarkers before and during therapy. A first set of patient specific biomarkers is determined then used for the determination of a first normal tissue complication probability (NTCP) model and a first tumor control probability (TCP) model.

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7737/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : IMPROVEMENTS TO MEDICAL IMAGING

(51) International classification :G06T 7/00  
(31) Priority Document No :09156380.9  
(32) Priority Date :27/03/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/051179  
Filing Date :18/03/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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(72)**Name of Inventor :**  
**1)MEYER Carsten**

(57) Abstract :

Ultrasound imaging or ultrasonography is a convenient imaging modality for diagnostic purposes. During procedures requiring visualization the user coordinates the movement of the transducer through the manual selection of an appropriate representation on the screen. Ultrasound may also be employed for functional measurements. Typically the measurement requires the manual selection of target planes lines or volumes where the measurement is to be performed. Therapeutic applications of ultrasound are also known in the art. Such applications typically employ higher energies and therefore inaccuracies in positioning may result in damage to surrounding tissues.

No. of Pages : 31 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7738/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYNCHRONIZATION OF TWO IMAGE SEQUENCES OF A PERIODICALLY MOVING OBJECT

(51) International classification :G06T 7/00  
(31) Priority Document No :09156431.0  
(32) Priority Date :27/03/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/051233  
Filing Date :22/03/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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(72)Name of Inventor :  
**1)BRUIJNS Antonius J. C.**  
**2)LUIJENDIJK Johannes A.**

(57) Abstract :

A method and an apparatus for correlating two image sequences of a periodically moving object with respect to the periodicity is described. A first frame sequence of the object moving with the first periodicity is acquired. Therein the first frame sequence comprises at least one cycle of motion. A second frame sequence of the object moving with the second periodicity is acquired. Therein the second frame sequence comprises at least one cycle of motion. The first and the second frame sequences are synchronized with respect to the respective periodicity such that same phases of motion of the periodically moving object are correlated to be presented simultaneously. The present invention allows to compare sequences representing a periodical motion with a different number of frames in each of the sequences for the same cycle of motion. Thereby, e.g. image sequences of a beating heart acquired before and after a therapy may be presented in a synchronised way and therefore may be easily compared.

No. of Pages : 28 No. of Claims : 13



(12) PATENT APPLICATION PUBLICATION

(21) Application No.7739/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A DEVICE FOR PLACEMENT IN FRONT OF A DISPLAY DEVICE

(51) International classification :H04N 5/72  
(31) Priority Document No :09156463.3  
(32) Priority Date :27/03/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/051307  
Filing Date :25/03/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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(72)Name of Inventor :  
**1)HUMMEL Helga**  
**2)WENDT Matthias**  
**3)LOEBL Hans-Peter**  
**4)GOLDMANN Claudia M.**

(57) Abstract :

A system related to the improvement of the design of display device screens during the off or stand-by state is provided. The system comprises a display device and a device connected to the display device wherein the device comprises a material having a switchable optical configuration. The display device may e.g. by a TV screen or any other display such as computer monitors.

No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7740/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A DEVICE FOR PLACEMENT IN FRONT OF A DISPLAY DEVICE

(51) International classification :H04N 5/72

(31) Priority Document No :09156471.6

(32) Priority Date :27/03/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051172

Filing Date :18/03/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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**3)BUDDE Wolfgang O.**

**4)LOEBL Hans P.**

**5)WEILER Volker**

**6)JUESTEL Thomas**

**7)MERIKHI Jacqueline**

(57) Abstract :

A system comprising a device for placement in front of a display device such as a TV screen to change the optical properties of light received by a user observing said display device when the display device is in an off state or standby state while when the display device is in an on state the device appears transparent.

No. of Pages : 21 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.69/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :06/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : SADDLE TYPE VEHICLE

<p>(51) International classification :B62K (31) Priority Document No :2011-003281 (32) Priority Date :11/01/2011 (33) Name of priority country :Japan (86) International Application No :NA Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)<b>Name of Applicant :</b> <b>1)HONDA MOTOR CO., LTD.</b> Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan (72)<b>Name of Inventor :</b> <b>1)HIWATASHI, DAI</b></p>
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(57) Abstract :

[Object] To assure, in a saddle type vehicle wherein a rear frame extends rearwardly of an accommodation box passing sidewardly of an upper opening of the accommodation box, an electric part accommodation space whose maintenance performance is good.

[Solving Means] A saddle type vehicle which includes a pair of left and right rear frames 33 disposed at a rear portion of a vehicle so as to extend in a forward and rearward direction, an accommodation box 19 disposed between the paired left and right rear frames 33 and having an upper opening 19A provided therein which is open at an upper portion thereof, a driver-seated seat 20 supported for opening and closing the upper opening 19A, an electric part accommodation section 69 having a maintenance opening 69B provided therein which is open to the accommodation box 19 side, and a maintenance lid 67 adapted to close up the maintenance opening section 69B, is configured such that, at a rear portion of the accommodation box 19, the rear frames 33 are disposed in the proximity of the upper opening 19A and a rear cross frame 35 which connects rear portions of the left and right rear frames 33 to each other with respect to the accommodation box 19 is provided, and the electric part accommodation section 69 is disposed below the rear cross frame 35 and is supported on the accommodation box 19.

No. of Pages : 49 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.690/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : IMPROVEMENTS TO PLUGS AND/OR SOCKETS•

(51) International classification :H01R 13/629

(31) Priority Document No :0912025.4

(32) Priority Date :10/07/2009

(33) Name of priority country U.K.

(86) International Application N :PCT/GB2010/051065

Filing Date : 9/06/201

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

**1)DOLMAN William George**

(57) Abstract :

A socket comprises a plurality of recesses with electrically conductive contacts; said recesses being configured to receive the prongs of a corresponding plug; and a plug housing recess for receiving at least a portion of the housing of a plug; wherein said plug housing recess incorporates an engagement surface against which said plug engages in order to pivot between an initial position where the prongs are positioned to enter the recesses and a position where the prongs are fully engaged within the recesses. A plug suitable for use with this socket is also presented.

No. of Pages : 12 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7925/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : MAGNETIC RESONANCE SYSTEM AND METHOD FOR COMPREHENSIVE IMPLANTABLE DEVICE SAFETY TESTS AND PATIENT SAFETY MONITORING

(51) International classification :G01R 33/28

(31) Priority Document No :09157052.3

(32) Priority Date :01/04/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051398

Filing Date :31/03/2010

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

**1)GRAESSLIN Ingmar**

**2)KRUEGER Sascha**

(57) Abstract :

A magnetic resonance method comprises: performing (C1) a magnetic resonance procedure on a calibration subject including an implant device; detecting (C2) a pick-up coil (PUC) signal at least during a radio frequency transmit phase of operation (C1); performing (C3) three dimensional temperature mapping of the calibration subject using a magnetic resonance sequence configured to detect any temperature change induced in any part of the implant device by operation (C1); generating (C4) an unsafe condition criterion (30) for the detected PUC signal based on correlating a PUC signal characteristic detected by operation (C2) with a temperature change detected by operation (C3); performing (M5) the magnetic resonance procedure on a subject containing an implant device; detecting (M6) a PUC signal at least during a radio frequency transmit phase of operation (M5); and monitoring (M7) for an unsafe condition indicated by the PUC signal detected in operation (M6) satisfying the unsafe condition criterion (30).

No. of Pages : 27 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7926/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SAR HOTSPOT REDUCTION BY TEMPORAL AVERAGING IN PARALLEL TRANSMISSION

(51) International classification :G01R 33/3415

(31) Priority Document No :09157061.4

(32) Priority Date :01/04/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051399

Filing Date :31/03/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

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**2)SCHWESER Ferdinand**

**3)BOERNERT Peter**

**4)HARVEY Paul Royston**

(57) Abstract :

A magnetic resonance sequence includes a repetitively applied radiofrequency B1 pulse capable of causing a specific absorption rate (SAR) hot spot. The composition of the repetitive B1 pulse is varied to generate versions of the repetitive B1 pulse such that the SAR hot spot changes locations with subsequent applications of the repetitive B1 pulse. To generate versions of the B1 pulse a pilot scan is performed to generate a patient model. A simulation of the SAR response to each of the versions of the repetitive B1 pulse is performed to determine the location of SAR hot spot(s). A plurality of versions of the repetitive B1 pulse is selected to be used in the magnetic resonance sequence.

No. of Pages : 17 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7927/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AUTOMATED ANATOMY DELINEATION FOR IMAGE GUIDED THERAPY PLANNING

(51) International classification :G06F 19/00

(31) Priority Document No :61/165923

(32) Priority Date :02/04/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2010/050893

Filing Date :02/03/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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**1)PEKAR Vladimir**

**2)BYSTROV Daniel**

(57) Abstract :

When delineating anatomical structures in a medical image of a patient for radiotherapy planning a processor (18) detects landmarks (24) in a low-resolution image (e.g. MRI or low-dose CT) and maps the detected landmarks to reference landmarks (28) in a reference contour of the anatomical structure. The mapped landmarks facilitate adjusting the reference contour to fit the anatomical structure. The adjusted reference contour data is transformed and applied to a second image using a thin-plate spline and the adjusted high-resolution image is used for radiotherapy planning.

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7928/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : REFLECTOR WITH MIXING CHAMBER

(51) International classification :F21K 99/00

(31) Priority Document No :09157178.6

(32) Priority Date :02/04/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051348

Filing Date :29/03/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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**2)ANSEMS Johannes P. M.**

**3)VAN OERS Denis J. C.**

(57) Abstract :

A lighting unit (1) comprising a bowl shaped reflector (6) and a plurality of point shaped light sources (2) arranged inside the reflector. The unit further comprises a mixing chamber (4) in which the point shaped light sources (2) are arranged and a scattering layer (5) covering the mixing chamber (4). The scattering layer (5) is partially reflecting and partially transmitting thereby ensuring that light emitted by the point shaped light sources (2) is mixed in the mixing chamber (4) before reaching the reflector. This allows light emitted from the mixing chamber via the reflector to be conceived as one beam. In use light from the point shaped light sources may be reflected by the scattering layer and then scattered by the scattering layer so that the reflector generates a beam similar to a halogen beam.

No. of Pages : 9 No. of Claims : 14



(12) PATENT APPLICATION PUBLICATION

(21) Application No.7658/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A MOTION VECTOR CODING APPARATUS AND METHOD FOR CODING A MOTION VECTOR OF A CURRENT BLOCK IN A MOVING PICTURE

(51) International classification :H04N 7/26  
(31) Priority Document No :2002-001983  
(32) Priority Date :09/01/2002  
(33) Name of priority country :Japan  
(86) International Application No :PCT/JP2003/000055  
Filing Date :08/01/2003  
(87) International Publication No :WO/2003/061297  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :1413/CHENP/2003  
Filed on :08/01/2003

(71)Name of Applicant :  
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(72)Name of Inventor :  
**1)KADONO, SHINYA**  
**2)HAGAI, MAKOTO**  
**3)KONDO, SATOSHI**  
**4)ABE, KIYOFUMI**

(57) Abstract :

A motion vector coding method for coding a motion vector of a current block in a moving picture, said method comprising: specifying (S100, S300) plural neighboring blocks, the neighboring blocks being located in a neighborhood of the current block and having been already coded; judging (S102, S302) whether or not each of the plural neighboring blocks has been coded using a motion vector of another block and whether or not a reference picture referred to in the coding of the current block is the same as each of reference pictures referred to in a coding of each of the plural neighboring blocks; deriving (S106, S310) a predictive motion vector of the current block using at least one of motion vectors of the plural neighboring blocks, each of the plural neighboring blocks having a motion vector which is obtained by using the motion vector of the another block when it is judged (S102, S302), in said judging, that each of the plural neighboring blocks has been coded using the motion vector of the another block; and coding (S110, S316) a difference value between the motion vector of the current block and the predictive motion vector, wherein, in said deriving (S106, S310), when it is judged, in said judging (S102, S302), that only one neighboring block among the plural neighboring blocks refers to the same reference picture as the current block, the predictive motion vector of the current block is set to a motion vector of the one neighboring block.

No. of Pages : 80 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9456/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : INFUSION UNIT FOR MAKING BEVERAGES FROM SINGLE-SERVING SACHETS AND MACHINE COMPRISING SAID UNIT

(51) International classification	:A47J 31/36	(71)Name of Applicant :
(31) Priority Document No	:FI2009A000114	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:21/05/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:Italy	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/052275	(72)Name of Inventor :
Filing Date	:21/05/2010	<b>1)BALDO Massimo</b>
(87) International Publication No	: NA	<b>2)FERRARO Andrea</b>
(61) Patent of Addition to Application Number	:NA	<b>3)BERTO Giovanni</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The infusion unit comprises in combination: a support (1); a drawer (7) exhibiting at least one seat (8) for a single-serving sachet (C) sliding relative to the support and movable between a charging position of the single-serving sachet and an infusion position; a dispensing member (23) for dispensing water under pressure to the single-serving sachet. The unit further comprises a lever (9) for controlling the movement of said drawer and a mechanical connection between the lever and the drawer and between the lever and the dispensing member. A stopping element (29) locks the single-serving sachet (C) into the infusion position after the dispensing. The seat (8) partly delimited by a pair of arms (19) oscillating relative to the drawer is preferably interchangeable for seating capsules of various shapes or dimensions.

No. of Pages : 37 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9457/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND DEVICE FOR DETECTING A DEVICE IN A WIRELESS POWER TRANSMISSION SYSTEM

(51) International classification :H02J 7/02  
(31) Priority Document No :09160982.6  
(32) Priority Date :25/05/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/052142  
Filing Date :14/05/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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**3)LOEF Christoph**  
**4)WAFFENSCHMIDT Eberhard**  
**5)SEBOODT Lennart**  
**6)TREFFERS Menno anne**

(57) Abstract :

A method of detecting a receiver (214) by a transmitter and a transmitter for detecting a receiver are provided. The transmitter is intended to transmit power inductively to the receiver (214). The transmitter comprising a first transmission coil as a first electrode (204) and a 5 second electrode (206). The first electrode (204) and the second electrode (206) form a capacitor (202). The method comprises the steps of applying a voltage (216) to any one of the electrodes (204 206) and detecting a capacitance change of the capacitor (202).

No. of Pages : 43 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9458/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : OCCUPANCY SENSOR

(51) International classification :H05B 37/02

(31) Priority Document No :09161189.7

(32) Priority Date :27/05/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/052020

Filing Date :07/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

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**2)HAARTSEN Jaap R.**

**3)NIESSEN Rogier A. H.**

(57) Abstract :

A method for manufacturing a sensor device (100; 200; 300; 400) comprising a thermal sensor (23) a battery (33) an antenna (34) an electronic circuitry (22) and a solar cell (43) together integrally in one semiconductor carrier (10) the method comprising the steps of: - providing a silicon wafer (10) with two main surfaces (11 12); - a first functional layer (20) is manufactured in one main surface (11) comprising a thermal sensor portion (21) and comprising electronic circuitry (22) arranged in a non-overlapping relationship with the thermal sensor portion; - a second functional layer (30) containing a battery (33) and an antenna (34) is arranged in a non-overlapping relationship with the thermal sensor portion; - a third functional layer (40) containing one or more solar cells (43) is arranged in a non-overlapping relationship with the thermal sensor portion; - the portion of the wafer underneath the thermal sensor portion (21) is removed.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7440/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SHAVING DEVICE WITH A HAIR DETECTOR

(51) International classification :G01N 21/23

(31) Priority Document No :09155609.2

(32) Priority Date :19/03/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051100

Filing Date :15/03/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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**3)SPIKKER Bart. W. J.**

**4)UZUNBAJAKAVA Natallia E.**

(57) Abstract :

The invention relates to a shaving device adapted for detecting and for cutting a hair near a skin surface of a human body part or an animal body part comprising a detector (26) adapted for detecting the hair near the skin surface. The detector (26) comprises a source (27) adapted for emitting optical radiation comprising at least a first wavelength a second wavelength and an incident polarization state and an imaging unit (28) adapted for imaging the hair near the skin surface wherein the imaging unit (28) comprises a detection unit (29) adapted for detecting optical radiation scattered and/or reflected by the hair and/or the skin surface at the first wavelength and at the second wavelength

No. of Pages : 22 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7441/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : FUNCTIONAL IMAGING

(51) International classification :A61B 6/00  
(31) Priority Document No :61/161433  
(32) Priority Date :19/03/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/050579  
Filing Date :09/02/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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**4)RIBBING Carolina**

(57) Abstract :

A method includes obtaining an image of a region of interest of a subject wherein the image is generated with image data produced by an imaging system used to scan the subject obtaining a signal indicative of a physiological state of the subject before the scan and displaying both the image and data indicative of the physiological state. In another aspect a method includes correcting via a processor a tracer uptake value for a target region of interest based on a tracer uptake correction factor.

No. of Pages : 32 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7790/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :24/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AUTOMATED CONTRAST ENHANCEMENT FOR CONTOURING

(51) International classification :G06T 5/00  
(31) Priority Document No :61/165025  
(32) Priority Date :31/03/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/050734  
Filing Date :18/02/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application  
Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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(72)**Name of Inventor :**  
**1)SCHULZ Heinrich**  
**2)BYSTROV Daniel**

(57) Abstract :

A system and method for automatic contrast enhancement for contouring. The system and method including displaying a volumetric image slice to be analyzed receiving a delineation of a target anatomic structure in the volumetric image slice identifying a region of interest based upon an area being delineated in the volumetric image slice analyzing voxel intensity values in the region of interest and determining an appropriate window-level setting based on the voxel intensity values.

No. of Pages : 14 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7791/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :24/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : CARRIER FOR A SHAVING DEVICE&NBSP; COMPRISING PAIRS OF A CUTTING ELEMENT AND A HAIR LIFTING ELEMENT

(51) International classification :B26B 19/14

(31) Priority Document No :09156576.2

(32) Priority Date :30/03/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051252

Filing Date :23/03/2010

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

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**2)SLESAZECK Paul-Rainer V. K.**

**3)NIERS Gert**

**4)HOUBOLT Erik**

(57) Abstract :

A carrier is adapted for use in a shaving device and comprises at least one pair (15) of a cutting element (8) and a hair lifting element (14). At least one of the elements (8 14) of the pair (15) has a bent shape wherein the bent element (8 14) is provided with at least two bending lines (17 18). The bent shape of the at least one of the elements (8 14) is such that in a functional arrangement of the elements (8 14) with respect to each other edge portions (11 16) of the elements (8 14) are located at a distance with respect to each other. Thus, a space (22) is present between the elements (8, 14) at the side of their edge portions (11, 16), which can be used for receiving cut-off hair stubbles which might otherwise hinder a movement of the hair lifting element (14).

No. of Pages : 22 No. of Claims : 9



(12) PATENT APPLICATION PUBLICATION

(21) Application No.7792/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :24/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : MAGNETIC INDUCTION TOMOGRAPHY SYSTEMS WITH COIL CONFIGURATION

(51) International classification :A61B 5/053

(31) Priority Document No :09156653.9

(32) Priority Date :30/03/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051251

Filing Date :23/03/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

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EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

**1)EICHARDT Roland**

**2)MCEWAN Alistair L.**

(57) Abstract :

A magnetic impedance tomography system comprises an excitation system with several excitation coils to generate an excitation magnetic field to induce eddy currents in an examination volume. For example a solenoid configuration or parallel coils e.g. in a Helmholtz configuration are employed Further a measurement system is provided with several measurement coils to measure the fields generated by the induced eddy currents. The measurement coils are arranged in a volumetric (3D) geometrical arrangement. The individual measurement coils being orientated substantially transverse to the field line of the excitation magnetic field of the excitation coils. A reconstructor receives measurement data from the measurement system and reconstruct an image of an object in the volume of interest from the measurement data.

No. of Pages : 12 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7793/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :24/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : TWO-POINT DIXON TECHNIQUE WITH FLEXIBLE CHOICE OF ECHO TIMES

(51) International classification :G01R 33/54

(31) Priority Document No :61/164608

(32) Priority Date :30/03/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2010/050745

Filing Date :19/02/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

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(72)Name of Inventor :

**1)BRENDDEL Bernhard**

**2)EGGERS Holger**

**3)DUIJNDAM Adri J.**

(57) Abstract :

When distinguishing between fat and water in acquired MR data a modified Dixon technique includes acquiring first and second signals I1 and I2 calculating first and second components B and S of the signals I1 and I2 where one of the first and second components corresponds to fat and the other corresponds to water deriving two differential phase error candidates from them and selecting a phase error candidate based on the assumption of smoothness of the disturbing field inhomogeneity. The exact determination of the absolute values of the water and fat components is then made by solving three signal equations for two variables that respectively correspond to water and fat and is performed using for example a least square minimization with a Newton method.

No. of Pages : 29 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7794/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :24/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND DEVICE FOR DETECTING MOTION

(51) International classification	:G06F 3/03	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:09156804.8	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:31/03/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/051270	(72) <b>Name of Inventor :</b>
Filing Date	:24/03/2010	<b>1)SCHEMMANN Marcel C.</b>
(87) International Publication No	: NA	<b>2)PRESURA Cristian N.</b>
(61) Patent of Addition to Application Number	:NA	<b>3)HEINKS Carsten</b>
Filing Date	:NA	<b>4)PENTCHEV Atanas</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for detecting motion direction of an object (4) comprises the steps of: - laser output light (L1) is generated using a semiconductor laser (2) having a thermal response frequency (fr); - the laser is driven with rectangularly modulated DC current (I) having a modulation frequency higher than said thermal response frequency (fr) and preferably higher than twice said thermal response frequency (fr) such as to triangularly modulate the wavelength of the laser output light; - the laser output light is directed to the object; - a portion of reflected light (L3) is allowed to interfere with light (L0) within the laser; - a portion of the laser light is used as measuring beam (5); - the frequency spectrum of the measuring beam (5) is analyzed in conjunction with the modulated laser current in order to determine the direction of movement of the object (4).

No. of Pages : 24 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.694/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : MULTI-ELEMENT ANTENNA STRUCTURE WITH WRAPPED SUBSTRATE

(51) International classification	:H01Q	(71)Name of Applicant :
(31) Priority Document No	:13/038,300	1)APPLE INC.
(32) Priority Date	:01/03/2011	Address of Applicant :1 INFINITE LOOP, CUPERTINO,
(33) Name of priority country	:U.S.A.	CALIFORNIA 95014 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)AYALA VAZQUEZ, ENRIQUE
(87) International Publication No	: NA	2)UTTERMANN, ERIK A.
(61) Patent of Addition to Application Number	:NA	3)YARGA, SALIH
Filing Date	:NA	4)LI, QINGXIANG
(62) Divisional to Application Number	:NA	5)SCHLUB, ROBERT W.
Filing Date	:NA	

(57) Abstract :

Antennas are provided for electronic devices such as portable computers. Multiple resonating elements may be formed on a flexible antenna resonating element substrate. The flexible antenna resonating element substrate may have a first antenna resonating element at one end and a second antenna resonating element at an opposing end. The flexible antenna resonating substrate may be wrapped around a dielectric carrier and mounted within an electronic device under an inactive display region and above a dielectric housing window. Conductive structures such as conductive housing structures may form antenna ground. The resonating elements and antenna ground may form first and second antennas. A parasitic antenna resonating element may form part of the first antenna.

No. of Pages : 40 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7439/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : ILLUMINATION DEVICE WITH REMOTE LUMINESCENT MATERIAL

(51) International classification :H01L 33/50

(31) Priority Document No :09155556.5

(32) Priority Date :19/03/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051147

Filing Date :17/03/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

**1)HOELEN Christoph G. A.**

**2)VALSTER Adriaan**

(57) Abstract :

The invention provides an illumination device comprising a light source and a transmissive arrangement. The light source is arranged to generate light source light and comprises a light emitting device (LED) arranged to generate LED light and a carrier comprising a first luminescent material. The carrier is in contact with the LED and the first luminescent material is arranged to convert at least part of the LED light into first luminescent material light. The transmissive arrangement of a second luminescent material is arranged remote from the light source and is arranged to convert at least part of the LED light or at least part of the first luminescent material light and/or at least part of the LED light. The invention overcomes current limitations of remote luminescent material systems in spot lighting. In addition, an extremely simple way of realizing light sources with various correlated colour temperatures is allowed, based on just a single type of white (or whitish) light source in combination with various (red-orange) remote luminescent materials.

No. of Pages : 35 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.744/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : AIR SEAL ASSEMBLIES•

(51) International classification	:B02C	(71)Name of Applicant :
(31) Priority Document No	:13,039,212	<b>1)BABCOCK POWER SERVICES INC.</b>
(32) Priority Date	:02/03/2011	Address of Applicant :5 Neponset Street Worcester MA
(3 ) Name o priorit country	:U.S.A.	01606 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)Joshua Creelman</b>
(87) International Publication No	: NA	<b>2)Guillermo Vedani</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A yoke air seal assembly for sealing a vertical pulverizer yoke includes a yoke seal housing ring having a plurality of circumferential segments mounted together end to end in a ring. A seal ring is mounted radially inside the housing ring. The seal ring has a radially inner face having a plurality of grooves defined therein for forming a labyrinthine air seal against a pulverizer yoke. The seal ring can be segmented into a plurality of circumferential seal ring segments. The segmented ring configuration facilitates installation and replacement of yoke seal components increases operational lifetime thereof and reduces down time for such installation and replacement.

No. of Pages : 23 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6908/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/09/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD FOR MEASURING RESISTANCE OR SENSITIVITY TO DOCETAXEL

(51) International classification	:C12Q	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:60/634,298	<b>1)AVENTIS PHARMACEUTICALS INC.</b>
(32) Priority Date	:08/12/2004	Address of Applicant :55 CORPORATE DRIVE,
(33) Name of priority country	:U.S.A.	BRIDGEWATER, NEW JERSEY 08807 U.S.A.
(86) International Application No	:PCT/US2005/043578	(72) <b>Name of Inventor :</b>
Filing Date	:01/12/2005	<b>1)GRUENEBERG, DORRE</b>
(87) International Publication No	:WO/2006/062811	<b>2)HUANG, XI</b>
(61) Patent of Addition to Application	:NA	<b>3)NATESAN, SRIDARAN</b>
Number	:NA	<b>4)AUGUST, PAUL</b>
Filing Date	:NA	
(62) Divisional to Application Number	:2444/CHENP/2007	
Filed on	:01/12/2005	

(57) Abstract :

The present invention relates to a method for predicting or monitoring a cancer patient's response to a molecule of the taxoid family, comprising the steps of: a) measuring the level of cyclin-dependent kinase inhibitor 1A (P21) in a test sample from a cancerous area of said patient and a control sample; and b) comparing the measured levels of P21 in the test sample and the control sample; wherein a decrease in the level of P21 measured in the test sample as compared to the control sample indicates an increased sensitivity to a molecule of the taxoid family.

No. of Pages : 138 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.691/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : LITHOGRAPHIC PRINTING PLATE PRECURSOR AND PLATE MAKING METHOD THEREOF

(51) International classification	:C08F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-043395	<b>1)FUJIFILM Corporation</b>
(32) Priority Date	:28/02/2011	Address of Applicant :26-30 Nishiazabu 2-chome Minato-
(33) Name of priority country	:Japan	ku Tokyo Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)OOHASHI Hidekazu</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A lithographic printing plate precursor includes a support and an image-recording layer containing a star polymer a radical polymerizable compound and a radical polymerization initiator the star polymer is a star polymer in which a polymer chain is branched from a central skeleton via a sulfide bond and the polymer chain contains an acid group and a crosslinkable group in a side chain of the polymer chain.

No. of Pages : 85 No. of Claims : 10



(12) PATENT APPLICATION PUBLICATION

(21) Application No.770/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : AIR INTAKE DEVICE OF VEHICLE

(51) International classification	:F02D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-044799	<b>1)HONDA MOTOR CO., LTD.</b>
(32) Priority Date	:02/03/2011	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)NAKAJIMA, YASUAKI</b>
Filing Date	:NA	<b>2)NAKAYASU, TETSUYA</b>
(87) International Publication No	: NA	<b>3)MIYASHITA, NATSUKI</b>
(61) Patent of Addition to Application Number	:NA	<b>4)KASHIWABARA, MAKOTO</b>
Filing Date	:NA	<b>5)WAKASA, HIDETOSHI</b>
(62) Divisional to Application Number	:NA	<b>6)MATSUI, KOJI</b>
Filing Date	:NA	

(57) Abstract :

[Object] An air intake device of a vehicle is provided which can produce a vortex flow in a cylinder with a simple structure.

[Constitution] A throttle valve 42 which controls an intake air amount of an engine E is arranged with a pivot shaft 42A thereof being made offset from a center axis B1 of an air intake passage KT.

No. of Pages : 27 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7929/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : LIGHT EMITTING DEVICE AND LUMINAIRE

(51) International classification :G02B 6/00  
(31) Priority Document No :09157182.8  
(32) Priority Date :02/04/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/051381  
Filing Date :30/03/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application  
Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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(72)**Name of Inventor :**  
**1)BOONEKAMP Erik**  
**2)HAENEN Ludo**

(57) Abstract :

The present invention relates to a light emitting device 100 which employs light sources 102 having a narrow or limited light intensity distribution and which device is arranged for redistributing the light from the light sources and outputting a light with a broader spatial light intensity distribution via a circumferential light output surface 115 arranged on a funnel-shaped light output portion 112. The light emitting device further comprises a light mixing portion 120 for mixing the light emitted from the light sources 112 before entering into the light output portion 112.

No. of Pages : 18 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7930/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD OF PRODUCING A PATTERNED ORGANIC LIGHT EMITTING DIODE

(51) International classification :H01L 51/00

(31) Priority Document No :09157184.4

(32) Priority Date :02/04/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051308

Filing Date :25/03/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

**1)VERSCHUREN Coen A.**

(57) Abstract :

A patterned OLED and a method for producing a patterned OLED are provided. The method comprises providing a substrate arranging a stack of layers on the substrate the stack of layers comprising at least an organic light emitting layer arranged between a cathode layer and an anode layer and irradiating selected parts of the organic light emitting layer by light with a wavelength in the absorption band of the organic light emitting layer for providing locally reduced light emitting properties constituting a pattern. The method further comprises providing a buckling-reducing layer not-being the substrate the buckling-reducing layer being connected to the cathode layer at a side of the cathode layer facing away from the organic light emitting layer and being configured for improving a resistance to buckling resulting from local heating of the cathode layer. The buckling reducing layer improves mechanical properties, e.g., stiffness, and/or thermal properties, e.g. through cooling, of the cathode.

No. of Pages : 22 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7931/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SAR REDUCTION IN PARALLEL TRANSMISSION BY K-SPACE DEPENDENT RF PULSE SELECTION

(51) International classification	:G01R 33/3415	(71)Name of Applicant :
(31) Priority Document No	:09157140.6	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:02/04/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/051423	(72)Name of Inventor :
Filing Date	:01/04/2010	<b>1)BOERNERT Peter</b>
(87) International Publication No	: NA	<b>2)GRAESSLIN Ingmar</b>
(61) Patent of Addition to Application Number	:NA	<b>3)NEHRKE Kay</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

When generating an MR image using a multi-channel transmit coil arrangement SAR is reduced by employing a number of different RF pulses in a single scan. Each RF pulse exhibits a different performance and/or accuracy resulting in different RF pulse-specific SAR values. As a result the RF pulses differ slightly in actual excitation pattern B1 waveform and/or k-space trajectory etc. The average SAR over a single scan is thus reduced compared to a fixed RF pulse without compromising image quality.

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7932/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : DEVICES AND CABLING FOR USE IN A MULTI-RESONANT MAGNETIC RESONANCE SYSTEM

(51) International classification :G01R 33/36

(31) Priority Document No :09157139.8

(32) Priority Date :02/04/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051426

Filing Date :01/04/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

**1)LEUSSLER Christoph**

(57) Abstract :

An apparatus for use in a magnetic resonance system the apparatus comprising: an operative component (22 26) configured to perform a useful operation in a magnetic resonance system; an electrical cable (24 28) connected with the operative component to provide electrical communication with the operative component; and a resonant circuit (30 32) including at least a portion of the electrical cable the resonant circuit having a first impedance pole at a first magnetic resonance frequency and a second impedance pole at a second magnetic resonance frequency different from the first magnetic resonance frequency.

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.662/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :22/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : YARN WINDING DEVICE

(51) International classification	:H05B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-123692	<b>1)MURATA MACHINERY, LTD.</b>
(32) Priority Date	:01/06/2011	Address of Applicant :3 MINAMI OCHIAI-CHO,
(33) Name of priority country	:Japan	KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO 601-8326
(86) International Application No	:NA	Japan
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)YASUNOBU TANIGAWA</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In a yarn winding device, a package drive motor (41) directly rotates a package (30). A package-diameter obtaining section (52) obtains a current package diameter of the package (30). A deceleration-condition storage section (51) stores therein a plurality of deceleration conditions, each of which is associated with a hypothetical package diameter and used in controlling the package drive motor (41) to decelerate the package (30) to a stop. A unit control section (50) controls the package drive motor (41) to decelerate the package (30) to a stop according to the current package diameter and a deceleration condition associated with a hypothetical package diameter corresponding to the current package diameter.

No. of Pages : 48 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7795/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :24/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYSTEM FOR DEMODULATING A SIGNAL

(51) International classification :G06F 3/03  
(31) Priority Document No :09156830.3  
(32) Priority Date :31/03/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/051267  
Filing Date :24/03/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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(72)**Name of Inventor :**  
**1)SCHEMMANN Marcel C.**  
**2)PENTCHEV Atanas**  
**3)HEINKS Carsten**  
**4)STEK Aalbert**

(57) Abstract :

A demodulating system (100) for demodulating a phase-modulated input signal (Si) comprises: a complex demodulator (110) having a first input (111) for receiving the phase-modulated input signal (Si) and being designed to perform complex multiplication of this signal with an approximation of the inverse of the phase modulation; a spectrum analyzing device (130) receiving the demodulated product signal produced by the complex demodulator (110) and capable of analyzing the frequency spectrum of the demodulated product signal.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7796/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :24/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : HELICAL CONTINUOUS CURVATURE TUBES FOR NESTED CANNULAS

(51) International classification :A61B 17/34

(31) Priority Document No :61/164945

(32) Priority Date :31/03/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2010/050926

Filing Date :03/03/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

**1)ELLIOT Eliyahu Greenblatt**

**2)ALEKSANDRA Popovic**

**3)Karen Irene Trovato**

(57) Abstract :

Methods and systems for nested cannula configuration involving helical tubes (40). The nested cannula (60) includes a plurality of telescoping tubes cooperatively configured and dimensioned to reach a target location relative to an anatomical region through a set of arcs (11 21 41) including one or more helical arcs (41) with each arc being determined between a point associated with the anatomical region and the target location. In particular a three-dimensional image (51) of the anatomical region is utilized to generate the series of arcs which in turn are utilized to calculate a pathway (53) that is utilized to configure and dimension the tubes.

No. of Pages : 39 No. of Claims : 15



(12) PATENT APPLICATION PUBLICATION

(21) Application No.7797/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :24/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : ACCELERATED B1 MAPPING

(51) International classification :G01R 33/32  
(31) Priority Document No :09156820.4  
(32) Priority Date :31/03/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/051225  
Filing Date :22/03/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)**Name of Applicant :**  
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(72)**Name of Inventor :**  
**1)BOERNERT Peter**  
**2)NEHRKE Kay**

(57) Abstract :

A method comprises: performing a number of B1 field mapping sequences (24) using a set of radio frequency transmit coils (11) to acquire a B1 field mapping data set wherein said number is less than a number of radio frequency transmit coils in the set of radio frequency transmit coils; and determining coil sensitivities (30) for the set of radio frequency transmit coils based on the acquired B1 field mapping data set. In some embodiments the performed B1 field mapping sequences are defined by (i) performing a linear transform (40) on the set of radio frequency transmit coils to generate a set of orthogonal virtual radio frequency transmit coils (42) and (ii) selecting (44) a sub set (46) of the set of orthogonal virtual radio frequency transmit coils that define the performed B1 field mapping sequences.

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7798/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :24/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : LED COLLIMATION OPTICS MODULE AND LUMINAIRE USING SAME

(51) International classification :F21V 7/04  
(31) Priority Document No :61/165102  
(32) Priority Date :31/03/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/051354  
Filing Date :29/03/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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(72)**Name of Inventor :**  
**1)ADAMS John Andre**

(57) Abstract :

An LED collimation optics module (16) and luminaire (10) using the same and optics device for stage lighting are disclosed. In one embodiment of the LED collimation optics module (16) an LED chip (30) provides a plurality of sources of light (G R B W). An optical conductor (32) is superposed on the LED chip (30) to mix the light received from the plurality of sources of light (G R B W). After passing through the optical conductor (32) the mixed light enters a compound parabolic concentrator (34) which is coupled to the optical conductor (32). The compound parabolic concentrator (34) collimates the light received from the optical conductor (32) such that a homogenous pupil (90) is emitted.

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7799/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :24/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : OPTICS DEVICE FOR STAGE LIGHTING

(51) International classification :G02B 6/00  
(31) Priority Document No :61/165226  
(32) Priority Date :31/03/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/051321  
Filing Date :25/03/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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**1)ADAMS John Andre**

(57) Abstract :

An optics device for stage lighting is disclosed. In one embodiment of the optics device an LED chip (30) provides a plurality of sources of light (G R B W). An optical conductor (32) which may be a mixing tubular (32) is superposed on the LED chip (30) to mix the light received from the plurality of sources of light (G R B W). After passing through the optical conductor (32) the mixed light enters a compound parabolic concentrator (34) which is coupled to the optical conductor (32). The compound parabolic concentrator (34) collimates the light received from the optical conductor (32) such that a homogenous pupil (90) is emitted.

No. of Pages : 27 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9264/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :12/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : CLINICAL DECISION SUPPORT SYSTEMS WITH EXTERNAL CONTEXT

(51) International classification :G06F 19/00  
(31) Priority Document No :61/178580  
(32) Priority Date :15/05/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/051543  
Filing Date :09/04/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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**2)CARLSEN Ingwer C.**  
**3)DUTTA Autri**  
**4)TULIPANO P. Karina**  
**5)VLOEMANS Victor**  
**6)BOROCZKY Lilla**  
**7)RENISCH Steffen**

(57) Abstract :

A clinical decision support (CDS) system comprises a patient treatment histories database (10 32) and a patient case navigation tool (10 30) operative to select a patient treatment history from the patient treatment histories database and to display a flowchart representation (50) of at least a portion of the selected patient treatment history. Optionally the navigation tool (10 30) is further operative to selectively display a flowchart representation (64 66) of a portion or all of a patient nonspecific treatment guideline not coinciding with the selected patient treatment history. Optionally the CDS system further comprises a patient records query engine (10 40) operative to receive a query and apply same against the patient treatment histories database to retrieve query results the navigation tool (10 30) being further operative to generate a query responsive to user input and to display query results retrieved for the query.

No. of Pages : 30 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9265/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :12/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : ELECTRIC LAMP

(51) International classification :F21K 99/00

(31) Priority Document No :09160399.3

(32) Priority Date :15/05/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051996

Filing Date :06/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

**1)ANSEMS Johannes P. M.**

**2)MARINUS Antonius A. M.**

**3)GIELEN Vincent S. D.**

(57) Abstract :

An electric lamp (1) comprising a socket (2) a lamp bulb (4) mounted on the socket in which bulb at least one semiconductor light source (5) is arranged. Cooling means (6) comprise at least two facing cooling fins (7 8) which are separated by at least one spacing (9). Said spacing being open to the environment and extending from the heart of the lamp bulb to the outer surface of the bulb. The lamp comprises a light redistributing light transmittable wall (13) for redistributing light; optionally said light redistributing wall comprises separate discernable wall parts (14 15). For example each discernable bulb part is shaped like a surface of a half prolate or half oblate ellipse. Thus a desired double beam or homogeneous omni-directional light distribution is obtainable.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9266/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :12/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : IMPLANTABLE DEVICE WITH COMMUNICATION MEANS

(51) International classification :A61N 1/372  
(31) Priority Document No :09160437.1  
(32) Priority Date :15/05/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/051943  
Filing Date :04/05/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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(72)**Name of Inventor :**  
**1)TOL Jeroen J. A.**

(57) Abstract :

The invention relates to an implantable device e.g. a Deep Brain Stimulation device (10) and to a method for communicating information from such an implantable device (10) to its carrier. The communication is achieved by the emission of sound from a transmitter (16) into the body material surrounding the implantable device (10) wherein said sound yields signals that are audible for the carrier of the implantable device (10). In particular the emitted sound may comprise audible frequencies or modulated ultrasonic frequencies. According to a further development the implantable device (10) may additionally comprise a receiver (16) for receiving sound from the surrounding body material wherein said received sound may encode information for the implantable device (10).

No. of Pages : 13 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9369/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : ENTRY POINTS FOR 3D TRICKPLAY

(51) International classification :H04N 13/00  
(31) Priority Document No :09160453.8  
(32) Priority Date :18/05/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/052101  
Filing Date :12/05/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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(72)**Name of Inventor :**  
**1)NEWTON Philip S.**  
**2)SCALORI Francesco**

(57) Abstract :

Providing entry points for 3D video data is described. An entry point unit (18) generates an entry point table by defining entry points in an incoming 3D video data stream and storing entry point addresses giving the location of the defined entry points. The video data stream comprises a multitude of sub-streams which multitude encodes one stream of 3D video data and comprises at least one 2D sub-stream that independently encodes a 2D version of the 3D video data and at least one auxiliary sub-stream that dependently encodes part of the 3D video data. The entry points include main entry points in the 2D sub-stream and auxiliary entry points in the auxiliary sub-stream for enabling 3D trickplay of the 3D video data by retrieving and decoding non-adjacent fragments of the 2D sub-stream and retrieving and dependently decoding corresponding fragments of the auxiliary sub-stream.

No. of Pages : 28 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9447/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : GRATING FOR PHASE-CONTRAST IMAGING

(51) International classification	:G21K 1/06	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:09160672.3	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:19/05/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/052168	(72) <b>Name of Inventor :</b>
Filing Date	:17/05/2010	<b>1)KOEHLER Thomas</b>
(87) International Publication No	: NA	<b>2)ROESSL Ewald</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to gratings for X-ray differential phase-contrast imaging a focus detector arrangement and X-ray system for generating phase-contrast images of an object and a method of phase-contrast imaging for examining an object of interest. In order to provide gratings with a high aspect ratio but low costs a grating for X-ray differential phase-contrast imaging is proposed comprising a first sub-grating (112) and at least a second sub-grating (114; 116; 118) wherein the sub-gratings each comprise a body structure (120) with bars (122) and gaps (124) being arranged periodically with a pitch (a) wherein the sub-gratings (112; 114; 116; 118) are arranged consecutively in the direction of the X-ray beam and wherein the sub-gratings (112; 114; 116; 118) are positioned displaced to each other perpendicularly to the X-ray beam.

No. of Pages : 25 No. of Claims : 13



(12) PATENT APPLICATION PUBLICATION

(21) Application No.9448/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : RETRIEVING AND VIEWING MEDICAL IMAGES

(51) International classification :G06F 19/00  
(31) Priority Document No :09160574.1  
(32) Priority Date :19/05/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/052174  
Filing Date :17/05/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
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(72)**Name of Inventor :**  
**1)GELLER Dieter**  
**2)KNESER Reinhard**  
**3)QIAN Yuechen**

(57) Abstract :

As medical imaging becomes more affordable and the diversity of diagnostic modalities and therapeutic treatments increase the amount of data being stored increases and the problem becomes even more critical. One approach to improve retrieval efficiency of images is to employ semantics to establish a defined set of search and classification terms. However such semantic systems still require the user to make a selection of the most appropriate term or terms to classify a report or image and the accuracy of the results are thus dependent on the skill and knowledge of the classifier. According to a first aspect of the invention a retriever is provided for retrieving a medical image having a searchable attribute the retriever being configured to interface with a semantic database and an image database and wherein the searchable attribute is determined by segmenting the medical image using the anatomical model.

No. of Pages : 32 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9449/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : LIGHT SCATTERING AND CONVERSION PLATE FOR LEDS

(51) International classification :H01L 33/50

(31) Priority Document No :09160613.7

(32) Priority Date :19/05/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/052167

Filing Date :17/05/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

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**2)HEIDEMANN Matthias**

**3)SCHMIDT Peter J.**

(57) Abstract :

The invention relates to an illumination system having a light scattering and conversion plate comprising a non-converting but scattering layer and a thinner converting layer. By separating scattering and conversion the characteristics of the illumination system can greatly be increased.

No. of Pages : 16 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7722/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN INSERT FOR A BREAST PUMP

(51) International classification :A61M 1/06

(31) Priority Document No :09156300.7

(32) Priority Date :26/03/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051222

Filing Date :22/03/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

**1)VAN DER KAMP Gertrude R.**

**2)VAN DER KOOI Johannes T.**

**3)KOOIJER Klaas**

(57) Abstract :

The present invention relates to an insert adapted to fit on a breast-receiving funnel of a breast pump. The insert comprises a circumferentially extending resiliently deformable wall which defines a teat receiving space and against which a user<sup>TM</sup>s teat is locatable the insert being configured to define a pressure chamber between the resiliently deformable wall and a breast receiving funnel when the insert is fitted on a breast receiving funnel wherein said wall is configured to deform towards a user<sup>TM</sup>s teat located in the teat receiving space in a predetermined manner when a pressure difference is applied between the teat receiving space and the pressure chamber such that a peristaltic action is applied to a user<sup>TM</sup>s teat to aid the expression of milk therefrom.

No. of Pages : 30 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7723/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : UV DISINFECTING DEVICE

(51) International classification :C02F 1/32	(71)Name of Applicant :
(31) Priority Document No :09156330.4	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date :26/03/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country :EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No :PCT/IB2010/051196	(72)Name of Inventor :
Filing Date :19/03/2010	1)GREUEL Georg
(87) International Publication No : NA	
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

A disinfecting device is proposed that is well suited for household and outdoor use. The device comprises a container housing 12 with an interior volume 24 which may contain an object or a liquid to be disinfected. The container housing 12 comprises a side wall 16 and an end cover 14. A dielectric barrier discharge lamp 32 is provided for emitting ultraviolet light into the volume 24. The lamp 32 comprises a lamp vessel 34 with gas filling and electrodes 42 44 arranged electrically insulated from the gas filling. An alternating voltage applied to the electrodes 42 44 causes a discharge in the gas filling. The lamp vessel 34 has a planar window from which during the discharge ultraviolet light 46 is emitted. The window is arranged in the end cover 14.

No. of Pages : 24 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7724/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A POWER SUPPLY&NBSP; METHOD&NBSP; AND COMPUTER PROGRAM PRODUCT FOR SUPPLYING ELECTRICAL POWER TO A LOAD

(51) International classification	:H02M 7/483
(31) Priority Document No	:09156384.1
(32) Priority Date	:27/03/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/051223
Filing Date	:22/03/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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**1)HUISMAN Hendrik**

(57) Abstract :

A power supply adapted for supplying electrical power to a load the power supply comprising: At least one powered full bridge circuit wherein the powered full bridge circuit is adapted for being powered by a direct current voltage supply wherein the full bridge circuit comprises a first output connection wherein the full bridge circuit comprises a first switching means for controlling the application of electrical power to the output connection at least one floating full bridge circuit wherein each floating full bridge circuit comprises a capacitor adapted for powering the floating full bridge circuit wherein each floating full bridge circuit comprises a second output connection wherein each floating full bridge circuit comprises a second switching means for controlling the application of electrical power to the output connection

No. of Pages : 51 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7725/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PET/CT BASED THERAPY MONITORING SYSTEM SUPPORTED BY A CLINICAL GUIDELINE NAVIGATOR

(51) International classification :A61B 6/03  
(31) Priority Document No :61/163597  
(32) Priority Date :26/03/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/050638  
Filing Date :11/02/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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**3)CARLSEN Ingwer-Curt**  
**4)DUTTA Pradyumna**  
**5)RENISCH Steffen**  
**6)SABCZYNSKI Joerg**  
**7)TULIPANO Paola Karina**

(57) Abstract :

An oncology monitoring system comprises: an image analysis module (42 44) configured to perform an oncological monitoring operation based on images of a subject for example acquired by positron emission tomography (PET) and computed tomography (CT); and a clinical guideline support module (10). The clinical guideline support module is configured to: display a graphical flow diagram (GFD) of a clinical therapy protocol for treating the subject comprising graphical blocks (B0 B1 B2 B3 B4 B5 B21 B211 B22 B221 B222 B223 B23 B231 B232) representing therapeutic or monitoring operations of the clinical therapy protocol including at least one monitoring operation performed by the image analysis module; annotate a graphical block of the graphical flow diagram with subject specific information pertaining to a therapeutic or monitoring operation represented by the graphical block; and display an annotation (POP) of a graphical block (B211) responsive to selection of the graphical block by a user.

No. of Pages : 25 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.722/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : MOLDING MACHINE

(51) International classification	:G07G	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-046920	<b>1)SUMITOMO HEAVY INDUSTRIES, LTD.</b>
(32) Priority Date	:03/03/2011	Address of Applicant :1-1, OSAKI 2-CHOME,
(33) Name of priority country	:Japan	SHINAGAWA-KU, TOKYO 141-6025 Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SATO HIROSHI</b>
(87) International Publication No	: NA	<b>2)YOKOO SHINJI</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

There is provided a molding machine having a function of easily preventing an operator from making an erroneous setting by releasing the restriction of access to the setting of operating conditions of a molding machine in stages. A molding machine according to the invention includes a display device 3 that displays setting screens including setting items A1 to A5 to which access by an operator is prohibited, and a release key receiving device 2 that receives release keys releasing the prohibition of access to the setting items A1 to A5. The setting items A1 to A5 are setting items related to the operating conditions of the molding machine. Further, the setting items to which the prohibition of access is released by a superior release key releasing the prohibition of access to more setting items include all the setting items to which the prohibition of access is released by a subordinate release key releasing the prohibition of access to fewer setting items.

No. of Pages : 38 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.722/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : MIXING DEVICE

(51) International classification :A47J43/044

(31) Priority Document No :09164767.7

(32) Priority Date :07/07/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/053016

Filing Date :01/07/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

**1)FILIPITSCH Harald**

**2)OBERSTEINER Heimo**

(57) Abstract :

A mixing device (10) for mixing mixable substances comprising aerating means (12) with a rotational axis (14) adapted to add air to the mixable substances and screw-shaped feeding means (16) with a rotational axis (18) adapted to transport mixable substances at least partly into the direction of the aerating means (12). With the inventive mixing device (10) it is possible to provide a mixing device (10) with which it is possible to even mix small quantities of mixable substances with good results.

No. of Pages : 16 No. of Claims : 14



(12) PATENT APPLICATION PUBLICATION

(21) Application No.7726/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : ACHROMATIC PHASE-CONTRAST IMAGING

(51) International classification :G21K 1/06  
(31) Priority Document No :09156457.5  
(32) Priority Date :27/03/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/051198  
Filing Date :19/03/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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**1)ROESSL Ewald**  
**2)KOEHLER Thomas**

(57) Abstract :

According to an exemplary embodiment of the invention an achromatic phase-contrast imaging apparatus for examining an object of interest is provided which comprises two different phase gratings which have different pitches. Thus the imaging apparatus yields phase-contrast information for two different energies. Thus phase-information over a wider energy band can be used.

No. of Pages : 17 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7727/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A SYSTEM THAT AUTOMATICALLY RETRIEVES REPORT TEMPLATES BASED ON DIAGNOSTIC INFORMATION

(51) International classification :G06F 19/00

(31) Priority Document No :61/163602

(32) Priority Date :26/03/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2010/050639

Filing Date :11/02/2010

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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**2)LEHMANN Helko**

**3)WEESE Juergen**

**4)SEVENSTER Merlijn**

**5)SILFEN Eric Zachery**

**6)BOUGHORBEL Sabri**

(57) Abstract :

When generating radiology reports image findings and/or clinical information is automatically mapped to an appropriate standardized structured report template. The report template contains placeholders for information such as case-specific images and measureable values and the placeholders are filled in by either the radiologist or by automatic procedures such as image processing algorithms text extraction algorithms or the like. In this manner the radiologist is assisted in effectively generating a reader-independent high-quality diagnostic report.

No. of Pages : 20 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7728/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : DIFFERENTIAL PHASE-CONTRAST IMAGING WITH CIRCULAR GRATINGS

(51) International classification :A61B 6/03  
(31) Priority Document No :09156474.0  
(32) Priority Date :27/03/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/051098  
Filing Date :15/03/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
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**1)ROESSL Ewald**  
**2)KOEHLER Thomas**  
**3)MARTENS Gerhard**

(57) Abstract :

The invention relates to an X-ray differential phase-contrast imaging system which has three circular gratings. The circular gratings are aligned with the optical axis of the radiation beam and a phase stepping is performed along the optical axis with the focal spot the phase grating and/or the absorber grating. The signal measured is the phase-gradient in radial direction away from the optical axis.

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7729/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : MESH NODE FOR A COMMUNICATION MESH NETWORK STRUCTURE OF A NETWORKED CONTROL SYSTEM

(51) International classification :H04B 10/10

(31) Priority Document No :09156259.5

(32) Priority Date :26/03/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051195

Filing Date :19/03/2010

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

**1)DRAAIJER Maurice H. J.**

**2)VAN DER STOK Petrus D. V.**

(57) Abstract :

The invention relates to a mesh node for a communication mesh network structure of a networked control system particularly a lean and mean infrared mesh node for a communication mesh network infrastructure of a lighting system such a green house lighting system. A basic idea of the invention is to implement a mesh node with a technical simple construction in the form of a base on which optical transmitters are and optical receivers are arranged. An embodiment of the invention relates to a mesh node (10) for a communication mesh network structure of a networked control system comprising - a base (12) - optical transmitters (14) arranged on the base such that they can transmit data to optical receivers of other mesh nodes - optical receivers (16) arranged on the base such that they can receive data from optical transmitters of other mesh nodes - a processor (18) for interpreting data received via the optical receivers from other mesh nodes and routing data to other mesh nodes via the optical transmitters. This construction allows implementing a communication mesh network structure for example for controlling a complex networked lighting system such as it may be applied in a green house, in which thousand of lamps are provided for creating a lighting atmosphere, which may controlled on a local basis.

No. of Pages : 15 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.773/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : MOUNTING STRUCTURE AND MOUNTING METHOD OF ILLUMINATING DEVICE

(51) International classification	:H01L	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-045571	<b>1)HONDA ACCESS CORP.</b>
(32) Priority Date	:02/03/2011	Address of Applicant :8-18-4, NOBIDOME, NIIZA-SHI, SAITAMA-352-8589 Japan
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)ENOKI, RYOICHI</b>
Filing Date	:NA	<b>2)KUWAHATA, YOSHITATSU</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

There are provided a mounting structure and mounting method of an illuminating device mounted on a garnish, capable of reducing a number of steps in a mounting procedure, enabling a mounting procedure with a high precision and improving a degree of freedom when selecting a mounting area. The illuminating device includes: an illuminating device main body; and a mounting base having mounting holes, a wiring through hole and positioning holes positioned to the garnish. Scribed regions for positioning are formed on a rear surface of the garnish. A sharpened tool penetrates the scribed regions so as to be held thereby upon penetration. The sharpened tool penetrating the garnish is then inserted through the positioning holes provided on the mounting base, thus completing a positioning procedure. Accordingly, a mounting location can be easily determined even when the rear surface of the garnish is formed into a complicated shape.

No. of Pages : 24 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7677/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A METHOD OF MAKING A PISTON

(51) International classification	:B23K 1/002
(31) Priority Document No	:10/735,798
(32) Priority Date	:12/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US04/41371
Filing Date	:10/12/2004
(87) International Publication No	:WO/2005/060315
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:2527/CHENP/2006
Filed on	:10/12/2004

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(72)**Name of Inventor :**  
**1)EGERER, THOMAS**  
**2)RIBEIRO, CARMO**  
**3)GAISER, RANDALL**

(57) Abstract :

A piston particularly adapted for heavy-duty diesel engine applications is fabricated from separate parts having circumferentially extending joining surfaces that are heated prior to bonding to an elevated temperature sufficient to enable bonding of the joining surfaces, and thereafter the joining surfaces brought into contact with one another and twisted to attain a permanent metallurgical weld at the interface of the joining surfaces. The piston has radially spaced walls which are both welded simultaneously, The weld joints may lie in the same or different planes. Once joined and while still hot, the parts may be pulled apart slightly to reduce the wall thickness at the weld joint.

No. of Pages : 20 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7730/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND APPARATUS FOR MODIFYING AN IMAGE BY USING A SALIENCY MAP BASED ON COLOR FREQUENCY

(51) International classification :G06T 3/00  
(31) Priority Document No :09156321.3  
(32) Priority Date :26/03/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/051282  
Filing Date :24/03/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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(72)Name of Inventor :  
**1)DAMKAT Chris**  
**2)DE HAAN Gerard**  
**3)HOFMAN Paul Michiel**  
**4)KAPADIA Dipti**

(57) Abstract :

A method for modifying an image being defined by a matrix of pixels comprises: calculating (1) a color frequency distribution of the matrix of pixels; defining (3) for each pixel an energy value as a weighted function of the color frequency of the pixel so as to define an image saliency map; transforming (5) the image said transformation being based on the pixel energy values. A computer software product to apply the method an apparatus and a TV set are also disclosed.

No. of Pages : 16 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7731/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : DATA ACQUISITION

(51) International classification :G01T 1/20  
(31) Priority Document No :61/163493  
(32) Priority Date :26/03/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/050723  
Filing Date :18/02/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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(72)**Name of Inventor :**  
**1)CHAPPO Marc**  
**2)LUHTA Randall P.**  
**3)VRETTOS Christopher J.**  
**4)HARWOOD Brian E.**

(57) Abstract :

An imaging detector includes processing electronics (208) with a thermal coefficient about equal to a negative of a summation of thermal coefficients of a photosensor array (204) and a scintillator array (202) of the detector. In another instance the imaging detector includes an A/D converter (302) that alternately converts first charge corresponding to impinging radiation into a first signal and second charge corresponding to decaying charge into a second signal and a logic unit (308) that corrects the first signal based on the second signal.

No. of Pages : 25 No. of Claims : 14



(12) PATENT APPLICATION PUBLICATION

(21) Application No.7601/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : LIGHT EMITTING DEVICE SYSTEM COMPRISING A REMOTE CONTROL SIGNAL RECEIVER AND DRIVER

(51) International classification :H05B 37/02

(31) Priority Document No :09155948.4

(32) Priority Date :24/03/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/051095

Filing Date :15/03/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

**1)RADERMACHER Harald J. G.**

(57) Abstract :

The invention relates to a light emitting device system (112) comprising power supply terminals (114) and a remote control signal receiver (118) the power supply terminals being adapted for receiving electrical power from an external driver (100) the remote control signal receiver (118) being adapted for receiving a remote control signal wherein the light emitting device system (112) is further adapted for providing the received remote control signal as remote control signal information exclusively via the power supply terminals (114) and/or via wireless transmission to the driver (100).

No. of Pages : 31 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7602/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : HYBRID DUAL-MODALITY IMAGE PROCESSING SYSTEM AND METHOD

(51) International classification :A61B 6/03  
(31) Priority Document No :61/162692  
(32) Priority Date :24/03/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/050580  
Filing Date :09/02/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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**2)DASILVA Angela**  
**3)YE Jinghan**  
**4)WONG Alicia**  
**5)MAHAKAI Sudhir K.**  
**6)HU Jingkun**

(57) Abstract :

Hybrid dual-modality image processing systems and methods are disclosed. For example an image processing system includes a computer for processing SPECT tomographic projection data and a CT volume image. The computer derives a SPECT transverse volume image from the projection data and registers the SPECT transverse volume image with the CT volume image to obtain an attenuation map and registration information. The computer uses the attenuation map and the registration information to derive a SPECT transverse volume image with attenuation correction.

No. of Pages : 34 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7603/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : HEART SEGMENTATION IN CARDIAC REST AND STRESS IMAGING

(51) International classification :A61B 5/0275

(31) Priority Document No :61/162696

(32) Priority Date :24/03/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2010/050582

Filing Date :09/02/2010

(87) International Publication No : NA

(61) Patent of Addition to Application  
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

**1)WIECZOREK Herfried K.**

**2)BIPPUS Rolf Dieter**

(57) Abstract :

A patient (14) at rest is injected (20) with a first isotope tracer. After a first uptake period the patient is stressed (24) and injected (26) with a second isotope tracer. After a second isotope tracer uptake period first and second isotope imaging data are concurrently detected (30) by data acquiring devices (16). The first and second isotope imaging data are reconstructed (58) into a first or rest state image a second or stressed state image and optionally a combined first and second isotope image. The image with the better image statistics is segmented (82) to generate segmentation parameters which segmentation parameters are applied (86) to both the first or rest and second or stressed state images. In this manner, an image whose image statistics may be too weak for accurate segmentation is accurately segmented by generating two inherently aligned images and applying the same segmentation parameters to both.

No. of Pages : 15 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7605/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND APPARATUS FOR BREATHING ADAPTED IMAGING

(51) International classification :A61B 6/03  
(31) Priority Document No :61/163064  
(32) Priority Date :25/03/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/050585  
Filing Date :09/02/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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(72)**Name of Inventor :**  
**1)FORTHMANN Peter**  
**2)SCHMITT Holger**  
**3)VAN STEVENDAAL Udo**  
**4)PROKSA Roland**

(57) Abstract :

A method is provided for imaging a portion of a patient that moves as a patient breathes. A motion map is produced of the portion<sup>TM</sup>s motion during a breathing cycle of the patient. A scanning protocol is generated using information obtained from the motion map for a given source/detector position and a given point in the breathing cycle. The scanning protocol comprises at least one setting for at least one imaging apparatus component such that a desired amount of x-ray dosage is applied to the portion of the patient at the given source/detector position and the given point in the breathing cycle. An imaging scan is performed of the portion of the patient. The at least one imaging apparatus component is adjusted during the imaging scan.

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7606/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : DATA ACQUISITION

(51) International classification :A61B 6/03  
(31) Priority Document No :61/163066  
(32) Priority Date :25/03/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/050589  
Filing Date :09/02/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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(72)**Name of Inventor :**  
**1)HERRMANN Christoph**  
**2)OVERDICK Michael**

(57) Abstract :

A detector tile (116) of an imaging detector array (112) includes a scintillator array (202), a photosensor array (204), which includes a plurality of photosensitive pixels, optically coupled to the scintillator array (202), and a current-to-frequency (I/F) converter (302). The I/F converter (302) includes an integrator (304) that integrates charge output by a photosensitive pixel during an integration period and generates a signal indicative thereof and a comparator (310) that generates a pulse when the generated signal satisfies predetermined criteria during the integration period. A reset device (316) resets the integrator (304) in response to the comparator (310) generating a pulse. Circuitry (320, 324) samples the generated signal at a beginning of the integration period and/or at an end of the integration period and generates quantized digital data indicative thereof. Logic (322) estimates the charge at the input of the integrator (304) based on the generated digital data.

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7607/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : MOTION DETECTION AND CORRECTION IN MAGNETIC RESONANCE IMAGING FOR RIGID&NBSP; NONRIGID&NBSP; TRANSLATIONAL&NBSP; ROTATIONAL&NBSP; AND THROUGH-PLANE MOTION

(51) International classification :G01R 33/561

(31) Priority Document No :61/163247

(32) Priority Date :25/03/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2010/050591

Filing Date :09/02/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

**1)HUANG Feng**

**2)LIN Wei**

(57) Abstract :

A magnetic resonance (MR) image reconstruction method comprises: compensating an MR imaging data set (36) for rigid subject motion based on comparison of reference k space data (32) with region k space data (34) acquired together with the MR imaging data set to generate an MR imaging data set (52) with rigid motion compensation; compensating the MR imaging data set (52) with rigid motion compensation for non rigid subject motion by convolution with a kernel (82) embodying the at least one consistent correlation of k space data of the MR imaging data set; and reconstructing the MR imaging data set with the compensation for rigid and non rigid motion to generate a reconstructed subject image.

No. of Pages : 48 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7608/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : MAGNETIC RESONANCE PARTIALLY PARALLEL IMAGING (PPI) WITH MOTION CORRECTED COIL SENSITIVITIES

(51) International classification	:G01R 33/561	(71)Name of Applicant :	
(31) Priority Document No	:61/163265	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>	
(32) Priority Date	:25/03/2009	Address of Applicant :GROENEWOUDSEWEG 1	
(33) Name of priority country	:U.S.A.	EINDHOVEN 5621 BA NETHERLANDS	
(86) International Application No	:PCT/IB2010/050592	(72)Name of Inventor :	
Filing Date	:09/02/2010	<b>1)HUANG Feng</b>	
(87) International Publication No	: NA	<b>2)LIN Wei</b>	
(61) Patent of Addition to Application Number	:NA	<b>3)LI Yu</b>	
Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

Magnetic resonance (MR) imaging performed in cooperation with an MR scanner (10) uses a method comprising: (i) acquiring sensitivity maps (34) for a plurality of radio frequency coils using a MR pre scan (50) performed by the MR scanner; (ii) acquiring an MR imaging data set (38) using the plurality of radio frequency coils and the MR scanner; and (iii) reconstructing (62 78) the MR imaging data set using partially parallel image reconstruction employing the sensitivity maps and a correction for subject motion between the acquiring (i) and the acquiring (ii).

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7609/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : LUMINAIRE COMBINING AMBIENT LIGHT AND TASK LIGHT

(51) International classification :F21S 8/00  
(31) Priority Document No :09156171.2  
(32) Priority Date :25/03/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/051167  
Filing Date :18/03/2010  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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**1)BEMBRIDGE Mathew L.**  
**2)WATSON George F**  
**3)PENA Oscar E.**  
**4)MARZANO Stefano**

(57) Abstract :

A luminaire is disclosed that allows a transfer from ambient light to task light through physical manipulation by the user. The luminaire comprises OLED light sources for generating an ambient light effect and LED light sources for generating a task light effect.

No. of Pages : 12 No. of Claims : 9



(12) PATENT APPLICATION PUBLICATION

(21) Application No.761/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND APPARATUS FOR ADJUSTING EJECTION ANGLE POSITION OF SUB NOZZLE IN AN AIR JET LOOM

(51) International classification	:D03D	(71)Name of Applicant :
(31) Priority Document No	:JP2011-093893	1)TSUDAKOMA KOGYO KABUSHIKI KAISHA
(32) Priority Date	:20/04/2011	Address of Applicant :18-18, NOMACHI 5-CHOME,
(33) Name of priority country	:Japan	KANAZAWA-SHI, ISHIKAWA-KEN 921-8650 Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KITA, KOUICHI
(87) International Publication No	: NA	2)MATSUYAMA, YUTAKA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for adjusting an ejection angle position of a sub-nozzle (22) in an air jet loom is provided. The air jet loom includes a plurality of sub-nozzles (22) arranged along a weft insertion path and a plurality of electromagnetic on-off valves (36) provided to supply compressed air to the sub-nozzles (22), each electromagnetic on-off valve (36) being connected to one or more of the sub-nozzles (22), the sub-nozzles (22) connected to each electromagnetic on-off valve (36) ejecting the air to perform weft insertion. The method includes the steps of driving one or more sub-nozzles (22) that belong to an adjustment unit with at least one actuator (51, 74), the adjustment unit including at least one of the one or more sub-nozzles (22) connected to at least one of the electromagnetic on-off valves (36), and adjusting an ejection angle position of each sub-nozzle (22) included in the adjustment unit by the same angle.

No. of Pages : 69 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1812/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :27/05/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND SYSTEM FOR GENERATING AND PROCESSING MEDIUM ACCESS CONTROL PACKET DATA UNITS IN A BROADBAND WIRELESS NETWORK ENVIRONMENT

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(32) Priority Date	:NA	<b>PRIVATE LIMITED</b>
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(86) International Application No	:NA	66/1 Bagmane Tech Park C V Raman Nagar Byrasandra
Filing Date	:NA	Bangalore 560093 Karnataka India
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Filing Date	:NA	<b>2)CHANG Youngbin</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a method and system for generating and processing medium access control (MAC) protocol data units (PDUs) in a broadband wireless network environment. In one embodiment, a method includes determining whether a MAC service data units (SDUs) intended for a receiving device includes fragmented MAC SDU(s). The method also includes generating MAC PDU(s) from the fragmented MAC SDU(s) when the MAC SDUs includes fragmented MAC SDU(s), where each MAC PDU includes a single fragmented MAC SDU. The method further includes determining whether unfragmented MAC SDU(s) in the MAC SDUs satisfy pre-defined criteria. If the unfragmented MAC SDU(s) satisfy the predefined criteria, the method includes generating MAC PDU(s) from the unfragmented MAC SDU(s), where each MAC PDU includes multiple unfragmented MAC SDUs. Otherwise, the method includes generating MAC PDU(s) from the unfragmented MAC SDU(s), where each MAC PDU includes a single unfragmented MAC SDU. Figure 3

No. of Pages : 46 No. of Claims : 33

***CONTINUED TO PART- 4***