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का
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पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

In view of the recent amendment made in the Patents Act, 1970 by the Patents (Amendment) Act, 2005 effective from 01st January 2005, the Official Journal of The Patent Office is required to be published under the Statute. This Journal is being published on weekly basis on every Friday covering the various proceedings on Patents as required according to the provision of Section 145 of the Patents Act 1970. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

(Chaitanya Prasad)
CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

1ST NOVEMBER, 2013

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**THE PATENT OFFICE
KOLKATA, 01/11/2013**

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2	<p>The Patent Office, Government of India, Boudhik Sampada Bhavan, Near Antop Hill Post Office, S.M. Road, Antop Hill, Mumbai - 400 037</p> <p>Phone: (91)(22) 24137701 Fax: (91)(22) 24130387 E-mail: mumbai-patent@nic.in</p> <p>❖ The States of Gujarat, Maharashtra, Madhya Pradesh, Goa and Chhattisgarh and the Union Territories of Daman and Diu & Dadra and Nagar Haveli</p>	5	<p>The Patent Office (Head Office), Government of India, Boudhik Sampada Bhavan, CP-2, Sector -V, Salt Lake City, Kolkata- 700 091</p> <p>Phone: (91)(33) 2367 1943/44/45/46/87 Fax: (91)(33) 2367 1988 E-Mail: kolkata-patent@nic.in</p> <p>❖ Rest of India</p>
3	<p>The Patent Office, Government of India, Boudhik Sampada Bhavan, Plot No. 32., Sector-14, Dwarka, New Delhi - 110075</p> <p>Phone: (91)(11) 2808 1921 - 25 Fax: (91)(11) 2808 1920 & 2808 1940 E-mail: delhi-patent@nic.in</p> <p>❖ The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan, Uttar Pradesh, Uttaranchal, Delhi and the Union Territory of Chandigarh.</p>		

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www.patentoffice.nic.in

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पेटेंट कार्यालय
कोलकाता, दिनांक 01/11/2013
कार्यालयों के क्षेत्राधिकार के पते

विभिन्न जगहों पर स्थित पेटेंट कार्यालय के पते आंचलिक आधार पर दर्शित उनके प्रादेशिक अधिकार क्षेत्र के साथ नीचे दिए गए हैं :-

<p>1</p> <p>कार्यालय: महानियंत्रक, एकस्व, अभिकल्प तथा व्यापार चिह्न, एनटॉप हिल डाकघर के समीप, एस. एम. रोड, एनटॉप हिल, मुम्बई -400 037, भारत. फोन: (91)(22) 24123311 फैक्स: (91)(22) 24123322 ई.मेल: cgpdtm@nic.in</p>	<p>4</p> <p>पेटेंट कार्यालय चेन्नई, इंटेलेक्चुअल प्रोपर्टी राइट्स बिल्डिंग इंडस्ट्रियल इस्टेट एसआईडीसीओ आरएमडी गोडाउन एरिया एडजसेन्ट टु ईगल फ्लास्क जी.एस.टी. रोड, गायन्डी, चेन्नई - 600 032. फोन: (91)(44) 2250 2081-84 फैक्स: (91)(44) 2250-2066 ई.मेल: chennai-patent@nic.in ❖ आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु तथा पुडुचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र, लक्षद्वीप</p>
<p>2</p> <p>पेटेंट कार्यालय, भारत सरकार बौद्धिक संपदा भवन, एनटॉप हिल डाकघर के समीप, एस. एम. रोड, एनटॉप हिल, मुम्बई - 400 037, फोन: (91)(22) 2413 7701, फैक्स: (91)(22) 2413 0387 ई.मेल: mumbai-patent@nic.in ❖ गुजरात, महाराष्ट्र, मध्य प्रदेश, गोआ तथा छत्तीसगढ़ राज्य क्षेत्र एवं संघ शासित क्षेत्र, दमन तथा दीव, दादर और नगर हवेली.</p>	<p>5</p> <p>पेटेंट कार्यालय कोलकाता (प्रधान कार्यालय), बौद्धिक संपदा भवन, सीपी-2, सेक्टर-V, साल्ट लेक सिटी, कोलकाता- 700 091, भारत. फोन: (91)(33) 2367 1943/44/45/46/87 फैक्स/Fax: (91)(33) 2367 1988 ई.मेल: kolkata-patent@nic.in ❖ भारत का अवशेष क्षेत्र</p>
<p>3</p> <p>पेटेंट कार्यालय दिल्ली, बौद्धिक संपदा भवन, प्लॉट सं. 32, सेक्टर - 14, द्वारका, नई दिल्ली - 110 075. फोन: (91)(11) 2808 1921-25 फैक्स: (91)(11) 2808 1920, 2808 1940 ई.मेल: delhi-patent@nic.in ❖ हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब, राजस्थान, उत्तर प्रदेश, दिल्ली तथा उत्तरांचल राज्य क्षेत्रों, एवं संघ शासित क्षेत्र चंडीगढ़</p>	

वेबसाइट: <http://www.ipindia.nic.in>
www.patentoffice.nic.in

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2005 अथवा पेटेंट (संशोधन) नियम, 2006 द्वारा वांछित सभी आवेदन, सूचनाएँ, विवरण या अन्य दस्तावेज या कोई शुल्क पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में स्वीकृत होंगे ।

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SPECIAL NOTICE

18 Months publication as required under Section 11A of the Patents Act, 1970 as amended by the Patents (Amendment) Act, 2005.

Notice is hereby given that any person at any time before the grant of Patent may give representation by way of opposition to the Controller of Patents at appropriate office on the ground and in a manner specified under section 25(1) of the Patents (Amendment) Act, 2005 read with Rule 55 of the Patents (Amendment) Rules, 2006.

Notice is also given that if any interested person requests for copies of the complete specification, drawing and abstract of any application already published, the photocopy of the same can be supplied by the Patent Office as per the jurisdiction on payment of prescribed fees of Rs.4/- per page. If any further details are required to be obtained, the same can be provided by the respective Patent Offices on request.

(Chaitanya Prasad)
CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

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Under the new provision of the Patents Act, 1970 as amended by the Patents (Amendment) Act, 2005 and Rules there under, Publication of the matter relating to Patents in the Official Gazette of India Part III, Section 2 has been discontinued and instead The Official Journal of the Patent Office is being published containing all the activities of The Patent Office such as publication of all the patent applications after 18th months , grant of patents & all other information in respect of the proceedings as required under the provisions of the Patents (Amendment) Act, 2005 and Rules thereunder on weekly basis on every **Friday**.

The Journal is uploaded in the website every Friday. So Paper form and CD-ROM form of the Journal are discontinued from 01/01/2009.

SPECIAL NOTICE

Every effort is being taken to publish all the patent applications under section 11(A) of the Patents Act. However, if duplication of publication of any application is found, then earlier date of publication will be taken for the purpose of provisional protection for applicant and Patent Office will grant Patent not before six months from the date of second publication, provided that there is there is no third party representation.

Early Publication:

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(12) PATENT APPLICATION PUBLICATION

(21) Application No.2356/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :07/08/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : NEW DESIGN OF HORIZONTAL AXIS WIND MILL

(51) International classification

:F03D

(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)RANJEET SINGH

Address of Applicant :VILL.-NAUBASTAKALAN, P.O.-
GOILA, DISTT. LUCKNOW Uttar Pradesh India

(72)**Name of Inventor :**

1)RANJEET SINGH

(57) Abstract :

The embodiment of the invention disclosed herein is a power conversion device which is used in the field of mechanical and electrical machines. A horizontal axis wind mill, also referred to as a horizontal axis wind turbine (HAWT) includes a rotor, rotor shaft, power wheel, base pipe and supporter pipe, idler wheel etc. Rotor includes plurality of air sails attached with rotor arms for causing the rotor to rotate about horizontal axis in response of wind passing. Air sails are attached with rotor arms their rotational motion about rotor arm axis is controlled by help of wire and safety device. Safety device is calibrated in such a way that after a certain load increment, it separates from air sail and air sail become free to rotate about rotor arm axis. This mechanism of air sail prevents the wind mill from storm or from very high wind velocity. Rotor is mounted on one end of rotor shaft while other end of rotor shaft is attached with ratchet shaft by help of universal joint. A hanger which is near to rotor is attached with rotor shaft and hanged with rotor supporter. Maximum gravitational load of rotor is tolerated by hanger and remaining tolerates universal joint. In sequence of power transmission, a ratchet mechanism is attached between power wheel and rotor shaft. Ratchet finger is attached with ratchet disc by help of ratchet arms. Ratchet arms are attached by springs in such a way that it may remain in engage and disengage position according to need. In engage condition finger comes closer to ratchet teeth and system works like a ratchet while in disengage condition ratchet goes away from teeth approach and ratchet shaft becomes free from ratchet disc. In this condition ratchet shaft can rotate in both directions {clockwise and anticlockwise}. In order to capture more power plurality of windmills are installed in a line and every wind mill is connected to each other through a common rope pulled by power wheels of windmills. Finally common rope delivers power to the final working machine.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2788/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :20/09/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : WIND TURBINE

(51) International classification	:F03B
(31) Priority Document No	:P120103592
(32) Priority Date	:27/09/2012
(33) Name of priority country	:Argentina
(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)Industrias Metalurgicas Pescarmona S.A.I.C.Y F.
Address of Applicant :Carril Rodriguez Pe±a 2451 -
(M5503AHY), Godoy Cruz, Provincia de Mendoza (AR)
Argentina
(72)**Name of Inventor :**
1)PESCARMONA, Enrique

(57) Abstract :

The Invention A wind-driven machine for generating power, which comprises a structure divided so as to facilitate its transportation and assembly constituted by a tower, a gondola on its top end, a plurality of wind collecting blades and a rotary equipment which comprises an electric power generator constituted by an inner stator fixed to the gondola and an outer rotor enclosing the inner stator, a plurality of supporting cups inside which a blade pitch regulating rotary hub is mounted and to which each wind collecting blade is fixed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2804/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :23/09/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : SEISMIC RESISTANCE BLAST FURNACE SLAG CONCRETE WALL PANEL

(51) International classification	:E04C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. S.M. GUPTA
(32) Priority Date	:NA	Address of Applicant :PROFESSOR, CIVIL ENGINEERING
(33) Name of priority country	:NA	DEPARTMENT, NATIONAL INSTITUTE OF TECHNOLOGY,
(86) International Application No	:NA	KURUKSHETRA, HARYANA-136119 India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DR. S.M. GUPTA
(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 the wall panel made up of blast furnace slag concrete, and in particular discloses a seismic resistance wall panel comprising steel wire mesh connected with seismic resistance embedded pieces and inter connected with plates or frame provided at ends to connect with further boards to make wall of desired size.

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

(54) Title of the invention : PRINTED CIRCUIT ANTENNA WITH IMPROVED DIRECTIVITY AND GAIN USING FREQUENCY SELECTIVE SURFACE (FSS) WITH UNIQUE SPLIT RING GEOMETRY AS PARTIALLY REFLECTING ELEMENTS ARRAY.

(51) International classification	:H01Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SWATI VAID
(32) Priority Date	:NA	Address of Applicant :AMBEDKAR INSTITUTE OF
(33) Name of priority country	:NA	ADVANCED COMMUNICATION TECHNOLOGIES AND
(86) International Application No	:NA	RESEARCH, GEETA COLONY, DELHI - 110031 India
Filing Date	:NA	2)ASHOK MITTAL
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SWATI VAID
Filing Date	:NA	2)ASHOK MITTAL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

High gain and circular polarization are the main characteristics, an antenna should be equipped with, especially if it is to be used for Satellite Communications or Radar systems. As planar antennas are the obvious choice, a lot of research is going on, to design these antennas with the above mentioned characteristics. To increase the gain, patch array antennas are a good choice, but the feeding becomes complex. The feeding mechanism becomes prohibitive to the bandwidth and the antenna efficiency. Another way of producing a high gain planar antenna is by using a simple feed with Partially reflecting sheet arrays. Also, there can be two ways to design a circularly polarized highly directive antenna. First is by designing an FSS (Frequency Selective Surface) that is capable of generating circular polarization itself or by using the second method in which the primary feed antenna is circularly polarized and a simple FSS layer is placed over it to increase its gain. The latter approach is used in the research presented. For FSS layer Annular ring geometry has been used extensively for the purpose. A unique geometry with split ring frequency selective surface is designed to enhance the directivity of a circularly polarized aperture coupled microstrip antenna. Highly directive circularly polarized radiation along with high polarization purity is achieved as compared to the conventional techniques because of the use of aperture coupled feeding to the primary antenna and polarization dependent split ring FSS superstrate. It was investigated through simulation that polarization dependent frequency selective surfaces are more capable of reducing the cross polar radiation components. In order to achieve circular polarization along with polarization purity, two oppositely polarized FSS unit cells have been used so as to nullify the effects of their polarization dependency with the improvement in the radiation properties. Simulation results show that the proposed structure achieves a broadside peak gain of approximately 14 dB for the entire frequency range where the axial ratio is less than 3 dB.

No. of Pages : 18 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2836/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :25/09/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : POINTED TURNING SIGNAL VEHICLES

(51) International classification

:B60Q

(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)AJAYA KUMAR

Address of Applicant :V-8, GREEN PARK EXTN.

BASEMENT, NEW DELHI. India

(72)Name of Inventor :

1)AJAYA KUMAR

(57) Abstract :

Pointed signal display panel of this invention is clearly visible to traffic on roads being affixed comirionly near to left and right comers on front and rear sides of a vehicle, and pointedly signals the direction in which the vehicle is going to move or turn. It employs strings of amber lights arrayed in the various directions, on surface of a flat PCB. After receiving a particular tuming command from driver of vehicle, the particular string depicting the particular direction of forthcoming movement switches on and blinks till the tum has been executed. Command for displaying any of the tuming signals is given by the vehicles driver by means of a swivelling lever or a set of push buttons located near the steering wheel of the vehicle.

No. of Pages : 23 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.704/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :12/03/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : FUNGICIDAL COMPOSITION OF COMBINATION FORMULATION OF 40% HEXACONAZOLE AND CARBENDAZIM IN SUSPENSION CONCENTRATE FORM IN AQUEOUS MEDIUM.

(51) International classification	:A01N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INSECTICIDE INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :401-402, CUSE TOWER, AZADPUR,
(33) Name of priority country	:NA	COMMERCIAL COMPLEX, AZADPUR, NEW DELHI -
(86) International Application No	:NA	110033 India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DR. MUKESH KUMAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An aqueous suspension concentrate composition containing hexaconazole and carbendazim; dispersing agent potassium salt of tristyrenated alkyl phenol phosphate ester; wetting agents polyoxyalkylene alkyl ether and sodium salt of alkyl sulphate; anti-gel and anti-caking agent, rheology modifier and anti-microbial agent

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8394/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/09/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : VIRAL INHIBITOR COMPOSITION FOR IN VIVO THERAPEUTIC USE

(51) International classification :A61K31/12,A61K31/216,A61P31/12
(31) Priority Document No :PCT/EP2011/054758
(32) Priority Date :28/03/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/066746
Filing Date :27/09/2011
(87) International Publication No :WO 2012/038553
(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)CESA ALLIANCE S.A.
Address of Applicant :80 rue des Romains L 8041 Strassen
Luxembourg
(72)Name of Inventor :
1)COPPENS Christine

(57) Abstract :

The present invention concerns a pharmaceutical composition comprising a compound of formula A being (2 3(dihydroxy) 5[3(1 2)butadiene] 1(3hydroxy 3methyl 4pentene) benzene) and/or a compound of formula B being (2 3(dihydroxy) 5[3(1 2)butadiene] 2[2methylbutane] benzenal) and/or a compound of formula C being (2 3(dihydroxy) 5[3(1 2)butadiene] 2hydroxy 3butene benzoate) or a combination thereof for use as a medicament or for in vivo use in treatment and prevention of diseases caused by DNA enveloped viruses DNA non enveloped viruses RNA enveloped viruses and RNA non enveloped viruses.

No. of Pages : 47 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1283/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :02/04/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : SWITCH-OPERATE FOOT-REST FOR TWO-WHEELER

(51) International classification	:B62H1/04, B62H1/06	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Prof. Pankaj Shankarrao Wankhade
(32) Priority Date	:NA	Address of Applicant :7 Meher Prasad, Navjeevan colony
(33) Name of priority country	:NA	Camp Amravati- 444602 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Prof. Pankaj Shankarrao Wankhade
(87) International Publication No	: NA	2)Shubham Ashokrao Dahore
(61) Patent of Addition to Application Number	:NA	3)Sanket Someshwarrao Chokhat
Filing Date	:NA	4)Ashish Sahadeorao Bhande
(62) Divisional to Application Number	:NA	5)Sarvesh Sahebraoji Bhakare
Filing Date	:NA	6)Ku. Neha Purushottam Bhagwat

(57) Abstract :

Now a days in global market we have see many kinds of motorcycles viz. bikes, mopped of various companies as well some companies are likely to launch many more motorcycles in the market but till date it has been not observed that the automated foot rest are equipped to such motorcycle which is available in market our little efforts tries our best to think in this direction and make it possible , so as to minimize human efforts and mental stress and many more thing which is cause for mental stress and human physical efforts. Following invention provides footrest for two wheelers operated on 12V D.C. motor powered by 12V battery supply which is already available in two wheelers for lighting purpose, with very easy mechanism. Following invention is described in detail with the help of Fig A of sheet 1 showing D.C. MOTOR, Fig (B) of sheet 2 showing FOOT REST, Fig (C) of sheet 3 showing RUBBER COVER, Fig (D)of sheet 4 showing CHASSIS PART, Fig (E) of sheet 5 showing HOLDING PLATE, Fig (F) of sheet 6 showing BUSH, Fig (G) of sheet 7 showing MOTOR LOCKING NUT and Fig (H) of sheet 8 showing COTTER PIN.

No. of Pages : 17 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3031/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :20/09/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : THE AUTO REVOLVING MACHINE WITHOUT ANY EXTERNAL AND TRADITIONAL FORCE/ENERGY FOR PRODUCING ELECTRICITY.

(51) International classification	:F03B	(71)Name of Applicant :
(31) Priority Document No	17/00	1)MANIK ARUN ASHOK
(32) Priority Date	:NA	Address of Applicant :RAWAL NAGAR, DONDAICHA
(33) Name of priority country	:NA	TAL. SHINDKHEDA, DIST. : DHULE-425 408,
(86) International Application No	:NA	(MAHARASHTRA). India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MANIK ARUN ASHOK
(61) Patent of Addition to Application Number	:NA	2)MANIK VIJAY ASHOK
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention is nothing but the auto revolving machine; it revolves without any external force with the help of gears and other parts of the machine which helps to revolve each other. Its a unique arrangement of gears that enforces to be so. It gets possible just because of elegant way and the other parts of this machine. This machine produces electricity by its revolving mechanism due to rotate dynamo. This invention is an auto generating energy source which always provides electricity though its genuinely auto revolving mechanism. We can attach dynamo turbine to this machine for generating large amount of electricity.

No. of Pages : 5 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3107/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :30/09/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD AND APPARATUS FOR INDUCING PLASMA IN MIXED MATERIAL THROUGH THE APPLICATION AND MANIPULATION OF ELECTROMAGNETIC ENERGY AT MULTIPLE FREQUENCIES

(51) International classification	:B01J 19/08	(71)Name of Applicant : 1)M/S SOLAR SEWAGE BASIC INFRASTRUCTURE PVT. LTD.
(31) Priority Document No	:NA	Address of Applicant :308, HERITAGE PLAZA, OPP.
(32) Priority Date	:NA	GURUKUL, DRIVE-IN ROAD, MAMNAGAR,
(33) Name of priority country	:NA	AHMEDABAD-380052, GUJARAT, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)M/S SOLAR SEWAGE BASIC INFRASTRUCTURE PVT. LTD.
(87) 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 described herein generally pertains to utilization of electromagnetic energy to decompose material to their base constituent components and simple compounds of those constituents. The process can be applied to any material including, but is not limited to municipal solid waste, used motor oil, plastics, asbestos, asphalt roofing shingles, computer waste, industrial chemical waste, medical waste, waste tires, and , radioactive waste. The process includes the steps of feeding material into a radiopermiablereaction vessel with orbiting radioreflectors, exposing the material to electromagnetic energy fed from at least two geometrically aligned sources aided by secondary electromagnetic energy emitters in a steam environment, and collecting the resulting solid and gaseous material. The at least two sources of electromagnetic energy sources emit a base frequency in the range of either 915 MHz or 2,450 MHz at peak frequency offsets based on the resonant frequency of the input material.

No. of Pages : 27 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3171/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :05/10/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : A CAMERA-BASED PERSONAL OBJECT FINDER SYSTEM

(51) International classification	:H04N5/225, H04N5/76	(71)Name of Applicant : 1)DIPTI PAWAR Address of Applicant :SunEmpire B1-603, AnandNagar,Wadgaon Budruk, Sinhgad Road, Pune 411051 Maharashtra India 2)ROHAN PAWAR
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DIPTI PAWAR
(61) Patent of Addition to Application Number	:NA	2)ROHAN PAWAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A camera-based personal object finder system and apparatus for a visually impaired person is described. The system includes a digital camera mounted on user wearable device that captures images on demand. The system utilizes distinctive invariant or unchanging features to perform reliable matching between different images in multiple scenarios. The system matches user queried object features with database of features with different personal items which are saved in advance and the system outputs an audio signal to indicate that the object has been found when a reliable match is found.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3188/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :09/10/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : A SECURE PULSER UNIT FOR FUEL DISPENSERS

(51) International classification	:B67D7/32, B67D7/08	(71)Name of Applicant : 1)M/S MIDCO LIMITED Address of Applicant :NATIONAL HOUSE, 6 TULLOCH ROAD, COLABA, MUMBAI - 400039 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)MR. NEIL SHAH
Filing Date	:NA	2)MR. SUDHIR JOSHI
(87) International Publication No	: NA	3)MR. SUJESH SHREEDHARAN
(61) Patent of Addition to Application Number	:NA	4)MR. SACHIN MORE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A secure pulser unit for fuel dispensers wherein measurement signal sensed and generated by it is accepted by motherboard only from randomly authorized sensors out of many sensors so that signal sent by unauthorized sensors can be located, thereby detect and prevent fraud. Random authorization is difficult to trace for earlier fuel deliveries, for fuel delivery in progress and also for further fuel deliveries. Any extraneous additional circuit or device latently kept inside the pulser unit is detected , announced and acted upon.

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

(54) Title of the invention : A MULTIPURPOSE PORTABLE SOLAR HEATING DEVICE

(51) International classification	:F24J2/16; F24J2/02	(71)Name of Applicant : 1)MR. VIVEK VIJAYKUMAR KABRA
(31) Priority Document No	:NA	Address of Applicant :293, RAM KRISHNA, BESIDES
(32) Priority Date	:NA	DAINIK PARSHWABHOOMI, SAMBHAJI NAGAR, JALNA
(33) Name of priority country	:NA	431203 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VIVEK V. KABRA
(87) 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 utility model discloses a multipurpose portable solar heating device, which mainly comprises a reflective panel (1), a stability panel (2), a heat collecting absorber (3), a transparent insulator (4), a clip for adjusting the reflector curvature (5), a weight to support the assembly (6) and an inclination adjuster (7) to help optimally utilize the solar radiation at various solar altitude. The reflector panel is designed from a light weight aerated plastic sheet which is flexible enough to be stored in the form of a roll, has good tear resistance, gives cushioning effect and also has a good insulation effect. The reflector shape is designed to automatically capture sun rays for 3 hours after setup and also the curvature can be adjustable for use in varying seasons and time of the day. The entire assembly of the solar heating device takes barely a minute and dismantling takes only few seconds. The utility model has the advantages that it requires no monitoring, is water proof and extremely easy to operate, use and maintain. The entire device is packed in small roll so as to facilitate the carrying and the use. The danger caused by the use of open fire is avoided, the environment is protected and the energy is saved. More importantly the portable solar heating device is a good helper when trekking, camping or traveling, as it can be used as solar cooker, solar dehydrator, water pasteurizer, water heater, mattress, pillow, sunlight blocker, heat insulator, tarn protector and a very fummy solar hat. All in all this novel device is inexpensive, simple, compact, lightweight, sturdy, accessible, and applicable in varied geographic, climatic, economic, social, and culinary contexts.

No. of Pages : 16 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3208/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :10/10/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD AND APPARATUS FOR IRRIGATION AND EVACUATION OF ROOT CANAL SYSTEM.

(51) International classification	:A61C1/00; A61C5/02	(71)Name of Applicant : 1)DR. MANDAR PIMPRIKAR Address of Applicant :PIMPRIKAR HOSPITAL, BEHIND HOTEL PRAKASH GOVIND NAGAR, CHOWK NO-05, MUMBAI-AGRA ROAD, NASHIK-422 009 MAHARASHTRA, 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)Name of Inventor : 1)DR. MANDAR PIMPRIKAR
(87) 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 embodiment is a method and apparatus for evacuation of root canal system. The present embodiment provides cleaner and bacteria free canals because of negative pressure mechanism. A process for continuous warm irrigation & evacuation of root canal system develops sufficient pressure to pump continuous and controlled NaOCl and heating NaOCl upto 40degrees with the help of sodium hypochlorite bottle with warmer(4) and overheating of NaOCl followed by building air pressure within the NaOCL reservoir for controlled and continuous flow through the retractor valve and tubings to irrigation needle. The present embodiment has inbuilt suction unit for evacuation of NaOCl safely from within the root canal system. The evacuation needle is side vented with 2 portals(fig no.1,2) to avoid blockage with debris and evacuated with the help of side vented needle this free flow of warm NaOCL. The apparatus works with negative pressure mechanism, has a autoclavable handpiece on which irrigation and evacuation assembly will fit. The two needles(bifid needles) will be stabilized by a soft rubber cup which will also prevent over-spilling of NaOCL in the oral cavity.

No. of Pages : 23 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3209/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :10/10/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : MULTI-CONTROLLED AUTOMATED WHEELCHAIR

(51) International classification	:A61G5/00; A61G5/04; A61G5/14	(71)Name of Applicant : 1)MR. ASHISH CHANNAVIR BIRAJDAR Address of Applicant :162/17, RAILWAY LINES, VIDYAVIHAR APARTMENT, PANKHA VIHAR, SOLAPUR- 413001, MAHARASHTRA, INDIA 2)MR. NIKHIL KAKADE 3)MR. VIRENDRA PAWAR
(31) Priority Document No	:NA	(72)Name of Inventor : 1)MR. ASHISH CHANNAVIR BIRAJDAR 2)MR. NIKHIL KAKADE 3)MR. VIRENDRA PAWAR
(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	

(57) Abstract :

A wheelchair navigation system having motorized wheelchair which is powered by at least one a battery charger. The navigation system also has a micro-controller running that is operated on an onboard. Obstacle sensors, microphones, and rotation sensors for the wheels are mounted to the wheelchair. The navigation system uses the rotation sensors in conjunction with the specialized hardware to determine where objects or impediments are located in the room and thereby redirect the path of the wheelchair so as to avoid such objects. The wheelchair is walked through the marked location thereby the input by choosing among five different input methods, which are, Voice-Control, Gesture Control, Caretaker-Follower, Joystick and Touch-Screen.

No. of Pages : 25 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3230/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :15/10/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : ONE PIECE CUSTOM MADE DENTAL DEVICE FOR HOLDING MULTIPLE TEETH

(51) International classification	:A61C13/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. MARVIN ANSELMO COTA
(32) Priority Date	:NA	Address of Applicant :VILLA 30, GULMOHAR PARK,
(33) Name of priority country	:NA	CHICALIM, GOA-403711. India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. MARVIN ANSELMO COTA
(87) 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 one piece custom made dental device for holding multiple teeth comprises a mono block of dental Implants(4), Abutments (1), Supracrestally or supragingivally Connecting bars (2) and pontics(3), Implant(4) is made up of flat and broad base (4.1) and implant body portion(4.4) having vertical thread(4.3), inverted thread (4.2), crestal supporting thread (4.5). Implant(4), Abutments(1) and pontics (2) are fabricated according to the individuals bone and gum data to form mono block structure without any screw and joints in such a manner to distribute stress and strain on integrated dental implants. Multiple implants are integrated through supracrystally or supragingivally connecting bars(2). The dental device of the present invention is designed to achieve faster placement and implantation process with minimal bone loss and minimal micro movements. The present device reduces time required for healing and cost of whole implantation and prosthesis process drastically.

No. of Pages : 18 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3231/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :15/10/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : ELECTRO-HYDRAULIC BRAKING SYSTEM FOR AGRICULTURAL TRACTOR-TRAILER.

(51) International classification	:B60T13/68; B60T17/04	(71)Name of Applicant : 1)PRANIL PRADEEP MANIYAR
(31) Priority Document No	:NA	Address of Applicant :PLOT NO. 155, CHANDAN, RUIKAR
(32) Priority Date	:NA	COLONY, KOLHAPUR -416005, MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)PRANIL PRADEEP MANIYAR
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 :

It is electrical over hydraulic Or Electronically operated Electro Hydraulic System for agriculture Tractor-Trailer in India. This system consists of Brake Actuator, Tandem Master Cylinder, Electronic Control Unit (ECU), Feedback device. Controlling of brakes is worked out by Foot-Pedal Switch which is present on tractor. That signal ON/OFF is transferred from Foot Pedal switch to 7 way socket, then it is further transferred to Electronic Control Unit (ECU). Then ECU will control brake actuator to extend & retract. Extension & retraction will cause applying & releasing of brake through Tandem master cylinder respectively.

No. of Pages : 13 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3248/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :15/10/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : ROTATING GEAR SHIFTER MECHANISM

(51) International classification	:B62M25/02, B62M 19/00	(71)Name of Applicant : 1)Dr. Hemant. P. Jawale Address of Applicant :Assistant Professor, Department of Mechanical Engineering, Visvesveraya National Institute of Technology, Nagpur 440010. Maharashtra India 2)Mr. Harshal Zalke 3)Mr. Yuvraj Phale
(31) Priority Document No	:NA	(72)Name of Inventor : 1)Dr. Hemant. P. Jawale 2)Mr. Harshal Zalke 3)Mr. Yuvraj Phale
(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	

(57) Abstract :

Following invention provides gear shifter mechanism for automobiles. Shifting of a gear requires combination of two motions, 1 rotation and the other translational. If these two motions are performed in synchronization then shifting of gear can be achieved. Cam is used to achieve the two required motion. following invention is described in detail with the help of Figure 1 of sheet 1 showing the gear shifter mechanism

No. of Pages : 10 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3261/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :17/10/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : PROCESS FOR PRODUCTION OF HIGHLY BIOAVAILABLE ORGANIC MANURE CONTAINING ORGANIC NITROGEN AS PLANT NUTRIENT FROM BIODEGRADABLE WASTE

(51) International classification	:B09B3/00, B01J 19/00	(71) Name of Applicant : 1)CHAUDHRY SUUNIL SUDHAKAR
(31) Priority Document No	:NA	Address of Applicant :A,86/89 MIDC, INDUSTRIAL AREA,
(32) Priority Date	:NA	JALGAON 425003, MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)CHAUDHRY SUUNIL SUDHAKAR
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 discloses herein a process for production of low molecular weight organic plant nutrient/organic manure/soil conditioner comprising organic nitrogen, peptides and amino acids from biodegradable waste.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3262/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :17/10/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : HERBAL INSECTICIDE FORMULATION, METHOD OF MAKING AND USING THE SAME AGAINST STORED GRAIN INSECT PESTS.

(51) International classification

:A61K36/00

(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)NILESH P. TELI

Address of Applicant :BIOAGRITTECH, B-20, MIDC,
JALGAON, 425003, MAHARASHTRA, INDIA.

2)NITIN P. CHINCHOLE

(72)Name of Inventor :

1)NILESH P. TELI

2)NITIN P. CHINCHOLE

(57) Abstract :

Storage of food grains is a serious problem in developing countries throughout the globe because of lack of proper warehousing facilities and environmental conditions. The present subject matter therefore provides a herbal formulation for arresting insect proliferation and killing developed insects, wherein the said herbal formulation is preferably adsorbed on an inert material. The said formulation is useful in preventing insect attack in stored grains in households as well as ware houses.

No. of Pages : 12 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4623/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :14/10/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : INTERACTIVE ASSESSMENT AND TRAINING SYSTEM AND METHOD FOR PROVIDING INTERACTIVE TRAINING AND SKILL EVALUATION

(51) International classification	:G09B7/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)R. RAMESH KANNAN
(32) Priority Date	:NA	Address of Applicant :N0. 7/12, SRINIVASA NAGAR, 1ST
(33) Name of priority country	:NA	STREET, KOYAMBEDU, CHENNAI - 600107 Tamil Nadu
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)R. RAMESH KANNAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An interactive assessment and training system and method for providing interactive training and skill evaluation for a student/learner. The training and evaluation system includes a content enrichment application for receiving and processing at least one content data with respect to a subject matter in order to develop an interactive content data. A skill set evaluation tool provides a test with respect to a student/learner in order to record the initial proficiency of the student/learner on the subject matter. The skill set evaluation tool further stores the preliminary test results along with a response time into a centralized database. A content presentation tool further presents the interactive content data with respect to the student/learner in order to enhance the learning experience of the student/learner. A practice module permits the student/learner to practice the subject matter in order to enhance his/her proficiency towards the subject matter. The skill set evaluation tool provides a second level test with respect to a student/learner in order to record the final proficiency of the student/learner on the subject matter. A skill set certificate is finally provided with respect to the student/learner in order to certify the proficiency of the student/learner in the subject matter.

No. of Pages : 25 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4744/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :21/10/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : HIGH RISE INDUSTRIAL STRUCTURES: METHOD & EQUIPMENT FOR THE SAME

(51) International classification	:E04G	(71)Name of Applicant :
(31) Priority Document No	:NA	1)P. PERIASWAAMI
(32) Priority Date	:NA	Address of Applicant :NO. 138, MANICKAMPALAYAM,
(33) Name of priority country	:NA	ERODE Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)P. PERIASWAAMI
(87) 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 very tall structures like chimneys & other towers which are of reinforced refab concrete stacks that are supported by steel frames all the way of. The invention also discloses a method of constructing such a structure by means of block & tackle, a winch & a hoisting beam.

No. of Pages : 14 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4523/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :07/10/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : CLADDING OF 410 L STAINLESS STEEL ON CARBON STEEL ASTM A105 VALVE SEAT RINGS BY USING PLASMA TRANSFERRED ARC CLADDING WELDING PROCESS

(51) International classification	:F22B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. N. SRIMATH
(32) Priority Date	:NA	Address of Applicant :PERFECT HOUSE, 52/401, DR.
(33) Name of priority country	:NA	ALAGESAN ROAD, SAIBABA COLONY, COIMBATORE -
(86) International Application No	:NA	641 011 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DR. N. SRIMATH
(61) Patent of Addition to Application Number	:NA	2)DR. N. MURUGAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The stainless steel 410 LCLAD carbon steel (ASTM-A105) valve seat rings in a boiler is the surface against which an inlet or an exhaust valve rests during the portion of the boiler operating cycle when that valve is closed. The valve seat is a critical component of an boiler in that if it is improperly positioned, oriented, or formed during manufacture, valve leakage will occur which will adversely affect the boiler compression ratio and therefore the boiler efficiency and its performance.

No. of Pages : 8 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4660/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :17/10/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : INTELLIGENT ACTIVE BOOKING PLATFORM USING SPECIFIC DATES AND TIME SLOTS TO SAVE ON RETURN FARE

(51) International classification	:G06Q10/00
(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)PIXOARI INFOLABS PRIVATE LIMITED
Address of Applicant :PLOT NO.87, GAYATHRI NAGAR,
DAMMAIGUDA, KEESARA, HYDERABAD - 501 301 Andhra
Pradesh India

(72)**Name of Inventor :**
1)RAMESH CHANDRA DIVAKARUNI

(57) Abstract :

Exemplary embodiments of the present disclosure are directed towards an intelligent active booking platform using specific dates and time slots to save on return fare. The system comprises of a passenger journey selection platform further comprising a journey planning unit enabling passengers to select a pickup point and a preferred destination, a time slot selection unit configured to display time slots for the corresponding journey selected by the passengers, a calendar unit showing specific dates by selecting which passengers can save on return fare, an operator database unit configured to display vehicles corresponding to the selection criteria chosen by the passengers, a booking confirmation unit configured to receive a booking confirmation by the passengers corresponding to the preferred journey made by prompting the passengers to pay for the preferred journey, an itinerary transmitting unit for transmitting a detailed journey plan to the passengers corresponding to the journey on receipt of a successful payment and a return journey allotting unit configured to allot time slots for picking the passengers by vehicle operators on their return to their home based region.

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

(54) Title of the invention : PROCESSED DRY PRAWNS MEAT

(51) International classification	:A23L1/00
(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)ALEX GERALD REBELLOAddress of Applicant :MAJELLAS CHAVARA SOUTH,
PO - 691 584, KOLLAM Kerala India

(72)Name of Inventor :

1)ALEX GERALD REBELLO

(57) Abstract :

The Prawns gets from ASHTAMUDI LAKE and ARABIAN SEA, is washed well and this FRESH Prawns are transferred to a Boiling vessel, after putting some SALT and natural TURMERIC Powder mixed water and allow to boil. A pleasant smell of the Boiled Prawns accompanying with steam comes out is the sign of the product being boiled. This is unloaded to a Sieve Vessel and allow to dry. Then the Boiled raw Prawns spread in a clean plastic sheet and expose to direct sun light. This will dry and become very crispy (Large Quantity Commercially get dried through FORCE DRYING TECHNOLOGY) then collected in a Jute / Cotton Bag and Bang in a hard surface then all the outer SKIN of the dried prawn will be powder powdered and the RED COLOURED DRIED PRAWNS MEAT will be separated from the dusty skin through sieving manually. This red coloured Dry Prawns Meat is packed whole / Powdered in a food grade. Sterilized packing pauches of various sizes through Vaccum Technology Process. This will be safe for a period of 12 months from the Date of Packing. This is a HYGENICALLY Natural Preparation No preservatives / Chemicals are added. This is very Tasty and having High Nutritional value No added colours and No Pesticides added. This is 100% Natural Bio-Product. This processed Dry Prawns Meat can be used for several ethnic / modern food from preparations such as:- 1. Mixed with Vegetable curry / pickle 2. Making Chutneys 3. Making Pakka Vada 4. Preparing Noodle type 5. Preparing with Tappiyoca 6. Making Prawns soup 7. Making Cutlets and can make so many western food items with this meat of Dry prawns. This value added products are having lot of commercial value in India and abroad. This dry process is having much advantages such as:- a. Processed lively b. Less expensive c. Less Volume for packing a. 1 Kg (One Kilograms) of Prawns - become 200 gms. Dry Prawns Meat after the process. d. Process in quite Natural e. No loss of Nutritional value f. Can be kept / store in ordinary temperature as vaccum packed. g. Can be used for making all these different food items by soaking in not water or dry itself as required. h. Soaking in turmeric powder mixed water during the process before drying the prawns helps to act as disinfectant, i. These Prawns Meat are boiled and dried and there is no chance for any decay or contamination after the process.

No. of Pages : 6 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.941/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :05/03/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : AN INTERMEDIATE PROMOTION SYSTEM AND METHOD UTILIZING GEOGRAPHICALLY DISPERSED PROMOTING ENTITIES

(51) International classification	:G06Q30/00
(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)KATTA VENKATA RAVI KUMAR
Address of Applicant :Katta Venkata Ravi Kumar S/o K B B Acharyulu, D. No: 10-92, Relangi (V), Iragavaram (MD) West Godavari Dist., Andhra Pradesh India

(72)**Name of Inventor :**
1)KATTA VENKATA RAVI KUMAR

(57) Abstract :

An intermediate promotion system and method operated on an intermediate promotion platform adapted for facilitating an individual an allocated benefit. The intermediate promotion method includes providing an unique authorization to multi level promoting entities comprising first promoting entities, second promoting entities and third promoting entities, obtaining a product and service from manufacturing entities at a first member price by first promoting entities, distributing the obtained product and service to the second and third promoting entities at a second and third member price respectively, receiving an activity information, awarding multiple credits to the multi level promoting entities involved in the activity, transferring a portion of the multiple credits to the multi level promoting entities depending on a level of a promoting entity performed the activity, facilitating an individual to obtain the product and service from the multi level promoting entities at a consumer price.

No. of Pages : 22 No. of Claims : 20

Publication After 18 Months:

The following Patent Applications have been published under Section 11A (3) of The Patents (Amendment) Act, 2005. Any Person may file representation by way of opposition to the Controller of Patents at the appropriate office against the grant of the patent in the prescribed manner under section 25(1) of the Patents (Amendment) Act, 2005 read with the rule 55 of The Patents (Amendment) Rules, 2006:

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1211/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :19/04/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : A SYSTEM FOR DOCUMENT DIGITIZATION AND DIGITAL ARCHIVING

(51) International classification

:G01N

(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)NSB BPO SOLUTIONS PRIVATE LIMITED

Address of Applicant :PLOT NO. 1 C, BLOCK B, SECTOR

10, NOIDA, Uttar Pradesh India

(72)Name of Inventor :

1)PURI, RAJIV

(57) Abstract :

The present invention relates to the field of document management, specifically to the field of document digitization and digital archiving. The system of present invention comprises a device, preferably digital camera for scanning the documents to convert them into digital form and then storing the entries of documents in the form of a relational database. The documents are collected from multiple geographical locations, assigned unique codes and information stored in a central database in such a way that at any point of time any page of the document can be traced back to its source.

No. of Pages : 17 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1753/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : ABT-263CRYSTALLINE FORMS AND SOLVATES FOR USE IN TREATING BCL-2 PROTEIN RELATED DISEASES

(51) International classification	:C07D 295/155
(31) Priority Document No	:61/244,051
(32) Priority Date	:20/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/048949
Filing Date	:15/09/2010
(87) International Publication No	:WO 2011/034934
(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)ABBVIE INC.,

Address of Applicant :1 NORTH WAUKEGAN ROAD,
NORTH CHICAGO, IL 60064, U.S.A.

(72)Name of Inventor :

1)ZHANG GEOFF G.Z

2)BRACKEMEYER PAUL J.

3)CATRON NATHANIEL D.

4)BORCHARDT THOMAS B.

(57) Abstract :

ABT-263 free base and crystalline forms thereof are suitable active pharmaceutical ingredients for pharmaceutical compositions useful in treatment of a disease characterized by overexpression of one or more anti-apoptotic Bcl-2 family proteins, for example cancer.

No. of Pages : 56 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2344/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :30/09/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : HIGH TEMPERATURE RADIALLY FED AXIAL STEAM TURBINE

(51) International classification	:F01D
(31) Priority Document No	:MI2009A001740
(32) Priority Date	:12/10/2009
(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)ALSTOM TECHNOLOGY LTD
Address of Applicant :BROWN BOVERI STRASSE 7, CH-5400 BADEN, SWITZERLAND
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1)THOMAS MOKULYS
2)VISHAL BORIKAR
3)GIORGIO ZANAZZI
4)DAVOR KRIZ
5)HANS-LUDWIG BOXHEIMER
6)LUCA RIPAMONTI

(57) Abstract :

The invention relates to a radially fed axial steam turbine (1) with a cold inlet duct (40), axially displaced from a hot inlet duct (30) such that is it further away from a first blade row (5) than the hot inlet duct (30). The cold inlet duct (40) receives a cold steam (45) from a cold inlet spiral (46) and directs it into the hot inlet duct (30) in such a way that a boundary layer of cold steam (45) is formed over the rotor circumferential surface (6) between the outlet end (42) of the cold inlet duct (40) and the blade and vane rows (25). The rotor circumferential surface (6) is also adapted to promote and maintain the boundary layer. In this way the maximum temperature the rotor (5) is exposed to can be reduced.

No. of Pages : 17 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2352/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :30/09/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD OF DISCHARGING CHEMICALS IN FILTER-DRIER USING AGITATION IMPELLER AND THE AGITATION IMPELLER

(51) International classification

:C11D

(31) Priority Document No

:10-2010-
0051952

(32) Priority Date

:01/06/2010

(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)LEE YONG HO

Address of Applicant :417-1402 SAMSUNG RAEMIAN,
DANGSAN-DONG 5-GA, YEONGDEUNGPO-GU, SEOUL,
REPUBLIC OF KOREA.

(72)Name of Inventor :

1)LEE YONG HO

(57) Abstract :

The present invention provides an agitation impeller for a filter-drier and a method of discharging chemicals in the filter-drier using the agitation impeller. The agitation impeller is installed in a treatment tank and is fitted over an agitation shaft. Solid chemicals are discharged out of the treatment tank by the agitation impeller which rotates in the normal direction. Left over chemicals that remain on the bottom of the treatment tank are dispersed into the air by gas jetted from the agitation impeller and are discharged out of the treatment tank by the agitation impeller which rotates in the reverse direction.

No. of Pages : 23 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2364/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :01/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : SYSTEM AND METHOD FOR SUPPORTING A BIDDING PROCEDURE IN AN ELECTRONIC NETWORK

(51) International classification	:G06F
(31) Priority Document No	:12/587,942
(32) Priority Date	:15/10/2009
(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)SONY CORPORATION

Address of Applicant :1-7-1 KONAN, MINATO-KU,
TOKYO 108-0075, JAPAN

2)SONY ELECTRONICS INC.

(72)Name of Inventor :

1)DONALD L. LOUGHERY III

2)MILTON FRAZIER

3)RAJIV RAINIER

4)STEPHEN JACOBS

5)AUSTIN NORONHA

6)TIM SMITH

(57) Abstract :

A system for implementing an information distribution network includes an information service that is configured to provide information distribution services through the information distribution network. User devices are utilized by device users to communicate with the information service for receiving the information distribution services. Transport structures are implemented for communicating with various network entities in the information distribution network. The transport structures collect appropriate metadata for providing selected information from the information service to targeted ones of the device users. A bid marketplace is provided for advertisers to utilize for participating in a bidding procedure for obtaining acquisition rights to the metadata.

No. of Pages : 39 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2365/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :01/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : APPARATUS AND METHOD FOR PROVIDING WIRELESS COMMUNICATION AND FM TRANSCEIVER OPERATION FOR A WIRELESS COMPUTER MOUSE

(51) International classification	:H04B	(71)Name of Applicant :
(31) Priority Document No	:12/575,358	1)SONY CORPORATION
(32) Priority Date	:07/10/2009	Address of Applicant :1-7-1 KONAN, MINATO-KU,
(33) Name of priority country	:U.S.A.	TOKYO 108-0075, JAPAN
(86) International Application No	:NA	2)SONY ELECTRONICS INC.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)HIEN NGUYEN
(61) Patent of Addition to Application Number	:NA	2)YI ZHOU
Filing Date	:NA	3)VIJAY PARPIA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Wireless computer mouse operation may be provided by receiving a user detection signal from a sensor of the wireless computer mouse to determine the presence of a user. In one embodiment, an operation mode of the wireless computer mouse may be determined by a controller based, at least in part, on the user detection signal. Thereafter, the controller can enable at least one of a short range wireless communication module and a FM transceiver of the wireless computer mouse based on the operation mode determined by the controller.

No. of Pages : 33 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2366/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :01/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : MEMORY SHAPE ELEMENT FOR FLEXIBLE OLED DISPLAY SCREEN

(51) International classification	:G06F
(31) Priority Document No	:12/578,854
(32) Priority Date	:14/10/2009
(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) SONY CORPORATION
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TOKYO 108-0075, JAPAN
2) SONY ELECTRONICS INC.
(72) **Name of Inventor :**
1) DANIEL EBBELING
2) DENNIS JACOB MCCRAY
3) MATTHEW DOUBLE

(57) Abstract :

An OLED display has one or more shape memory wires disposed along respective edges of the display and energizable under control of a processor to flatten the display from a rolled or folded configuration.

No. of Pages : 18 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2373/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :01/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : AIR CONDITIONING WIRING SYSTEM

(51) International classification

:H01R

(31) Priority Document No

:12/694,437

(32) Priority Date

:27/01/2010

(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)LENNOX INDUSTRIES INC.

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RICHARDSON, TEXAS 75080, U.S.A.

(72)Name of Inventor :

1)STEVEN C. BROWN

2)CARLOS O. CHAMORRO

3)MERLIN K. CHAPIN

4)ROBERT W. GILKISON

5)AYLAN A. HIM

6)RANDALL L. LISBONA

7)RICHARD A. MAUK

8)MICHAEL RENKER

(57) Abstract :

A wiring system for use in an air conditioning system comprising a printed circuit board having a perimeter and wiring receptacles located proximate the perimeter and wiring connectors. In one aspect, at least some of the wiring receptacles comprise two or more wiring sub-receptacles, and each of the wiring sub-receptacles includes a slotted sub-receptacle connection pattern. Furthermore, the slotted sub-receptacle connection pattern of each of the wiring sub-receptacles is different from every other sub-receptacle connection pattern. Each of the wiring connectors includes a ridged connection pattern that is different from every other ridged connection pattern of the wiring connectors, such that a given wiring connector is receivable within only one of the wiring sub-receptacles. An air conditioning system and a method of manufacturing is also provided.

No. of Pages : 22 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2378/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :01/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : TURN INDICATOR (BLINKER) SWITCH•

(51) International classification

:H01H

(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)MINDA INDUSTRIES LIMITED

Address of Applicant :Village Nawada Fatehpur P.O.
Sikanderpur Badda Distt. Gurgaon Haryana 122004 India

(72)Name of Inventor :

1)ASHOK KUMAR DAS

2)CHARANJEET SINGH

3)MANMEET SINGH

4)SHWETAANK SHARMA

(57) Abstract :

The present invention provides a blinker switch in which the carrier moves linearly in two orthogonal directions which remain engaged with the lever support and the control lever. The blinker switch is cost effective and well protected with dust and water and durable.

No. of Pages : 21 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2406/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :08/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : IMPROVED METHOD FOR PRODUCING CARBON CONTAINING SILICA AEROGEL GRANULES

(51) International classification	:C01B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INTERNATIONAL ADVANCED RESEARCH CENTRE
(32) Priority Date	:NA	FOR POWDER METALLURGY AND NEW MATERIALS
(33) Name of priority country	:NA	(ARCI), DEPARTMENT OF SCIENCE AND
(86) International Application No	:NA	TECHNOLOGY, GOVT. OF INDIA
Filing Date	:NA	Address of Applicant :B-1/1, PVR MAIN ROAD, SAKET,
(87) International Publication No	:NA	NEW DELHI, 110017 India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)NEHA HEBALKAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved method of producing carbon containing silica aerogel granule which comprises (i) Forming a transparent silica sol by mixing precursor, solvent, water and catalyst (ii) soaking the silica sol in the organic sponge (iii) solidifying the silica sol soaked in the organic sponge into silica gel (ii) immersing the silica gel containing sponge into solvent and repeating this to replace liquid in the gel by pure solvent (iii) drying the silica gel containing sponge by supercritical method to obtain silica aerogel granules (iv) heating the silica aerogel granules in nitrogen atmosphere v) heating the silica aerogel granules in air to get carbon free aerogel granules The silica aerogel granules prepared by the process are the convenient form of aerogels for many thermal insulation applications. The carbon in carbon containing silica aerogel granules helps to reduce the thermal conductive by absorbing near infra red radiations and hence reducing the radiative part of the thermal conduction in aerogels.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2413/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :08/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : PROJECTION-TYPE DISPLAY APPARATUS

(51) International classification	:G02B
(31) Priority Document No	:2010-023911
(32) Priority Date	:05/02/2010
(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)HITACHI CONSUMER ELECTRONICS CO., LTD.
Address of Applicant :2-1, OTEMACHI 2-CHOME,
CHIYODA-KU, TOKYO 100-0004 JAPAN
(72)**Name of Inventor :**
1)KIMURA NOBUYUKI
2)HIRATA KOJI
3)IKEDA HIDEHIRO

(57) Abstract :

A projection-type display apparatus, being suitable to be applied as a light source of a solid-state light source, in the place of a conventional lamp, comprises: a light source unit, which is configured to emit a white-color light therefrom; a light separation optic system, which is configured to separate the white color light from the light source unit into three primary color lights, R (red-color), G (green-color) and B (blue-color); R, G and B light modulating portions, each of which modulates each of R, G and B polarized lights separated, depending on a video signal, respectively; a light composing unit, which is configured to compose optical images, which are formed by the R, G and B light modulating portions; and a projecting portion, which is configured to project the optical image composed, enlargedly, wherein the light source unit emits a white color light emitting from a nearly point-like light source, including an excitation light from a solid-state light emitting element therein.

No. of Pages : 33 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2417/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :11/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : MULTI-PROCESS PRESS MACHINE AND PRESS-WORKING METHOD

(51) International classification	:B26D
(31) Priority Document No	:2009-249329
(32) Priority Date	:29/10/2009
(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)DENSO CORPORATION
Address of Applicant :1-1 SHOWA-CHO, KARIYA-CITY,
AICHI-PREF. 448-8661, JAPAN
(72)**Name of Inventor :**
1)KENGO TAKESHITA
2)TAKESHI KUROSAWA
3)NOBUYUKI MORIKAWA

(57) Abstract :

A press machine able to press-work a strip-shaped material during which it can prevent the strip-shaped material from moving or warping or can prevent the strip-shaped material from partially cracking and a processing method using that press machine. A multi-process press machine provided with a drive source M, a camshaft 1 driven by the drive source M and having a plurality of independent first cams 1a, 1b, and 1c and second cams 1h, 1i, and 1j, a plurality of die sets each comprised of a pair of a punch 2 and a die 3 connected with the first cam, a material holding member 7 pressing the strip-shaped material W against the die 3 when connecting with and pressing the second cam, and a base 5 supporting the dies.

No. of Pages : 21 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2421/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :11/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : SYSTEM AND METHOD FOR IMAGING WITH ENHANCED DEPTH OF FIELD

(51) International classification	:G02B	(71)Name of Applicant :
(31) Priority Document No	:12/579,965	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:15/10/2009	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:U.S.A.	NEW YORK 12345 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KENNY KEVIN BERNARD
(87) International Publication No	:NA	2)ENDERSON DAVID LAVAN
(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 imaging is presented. The method includes acquiring a plurality of images corresponding to at least one field of view using an imaging device having an objective and a stage for holding a sample to be imaged. Furthermore, the method includes determining a figure of merit corresponding to each pixel in each of the plurality of acquired images, wherein the figure of merit comprises a discrete approximation to a gradient vector. The method also includes synthesizing a composite image based upon the determined figures of merit.

No. of Pages : 40 No. of Claims : 12

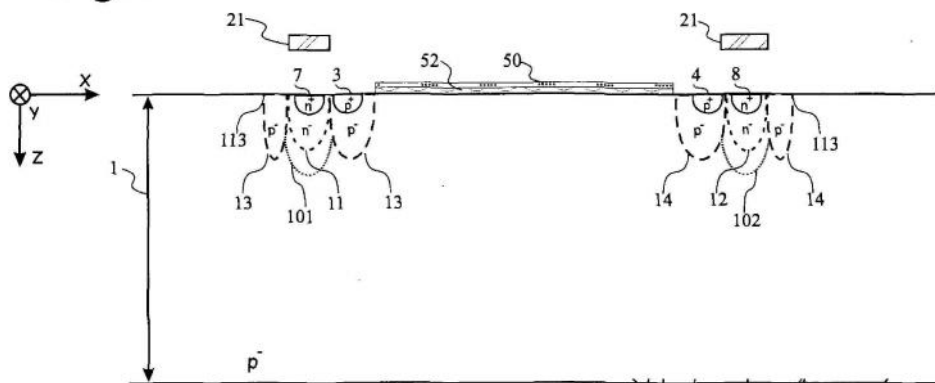
(54) Title of the invention : PHOTONIC MIXER AND USE THEREOF

(51) International classification	:H01L	(71)Name of Applicant :
(31) Priority Document No	:0918040.7	1)SOFTKINETIC SENSORS NV
(32) Priority Date	:14/10/2009	Address of Applicant :PLEINLAAN 15, B-1050 BRUSSEL,
(33) Name of priority country	:U.K.	Belgium
(86) International Application No	:NA	2)VRIJE UNIVERSITEIT BRUSSEL
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)WARD VAN DER TEMPEL
(61) Patent of Addition to Application Number	:NA	2)DANIEL VAN NIEUWENHOVE
Filing Date	:NA	3)MAARTEN KUIJK
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The photonic mixer comprises a couple of an injecting contact region(3,4) for injecting the majority carrier current into the semiconductor substrate (1) and a detector region (7,8) for collecting the photocurrent. The injecting contact region (3,4) is doped with a dopant of the first conductivity type (p+) at a higher dopant concentration than the semiconductor substrate (1). The detector region (7,8) is doped with a dopant of a second conductivity type (n+) opposite the first conductivity type and has a junction (11,12) with the semiconductor substrate (1), a zone of the semiconductor substrate (1) around said junction (11,12) being a depleted substrate zone (101,102). The couple further comprises a field shaping zone (13, 14) of the first conductivity type (p-) defining a lateral edge of the couple and having a dopant concentration higher than the dopant concentration of the semiconductor substrate (1), for example between the dopant concentrations of the semiconductor substrate (1) and the injecting contact region (3,4), which field shaping zone (13, 14) is designed to limit said depleted substrate zone (101,102) laterally.

Figure 1B



No. of Pages : 32 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2442/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :13/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : A PROCESS FOR GENERATION TRANSGENIC ANIMALS USING RECOMBINANT LENTIVIRUSES

(51) International classification

:C12N

(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)DEPARTMENT OF BIOTECHNOLOGY

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**2)C/O ADVANCED CENTRE FOR TREATMENT,
RESEARCH & EDUCATION IN CANCER (ACTREC)**

(72)Name of Inventor :

1)SORAB N. DALAL

2)LALIT SEHGAL

3)NILEEMA KHAPARE

4)RAHUL THORAT

(57) Abstract :

A process for generating transgenic animals using recombinant lentiviruses comprising the steps of: injecting recombinant lentiviruses into the interstitium of the testis of a male mouse to produce mature spermatozoa within a few days, subjecting the male mice with transgene expressing lentivirus to the step of mating with wild type female mice and determining whether the progeny from the said cross carried the transgene.

No. of Pages : 13 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2447/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :15/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : AZEOTROPE-LIKE COMPOSITIONS OF 1,1,1,3,3-PENTAFLUOROPROPANE (HFC-245FA), 1, 1, 1, 3, 3-PENTAFLUOROBUTANE AND CYCLOPENTANE

(51) International classification	:C09K
(31) Priority Document No	:200910253087.2
(32) Priority Date	:30/10/2009
(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)HONEYWELL INTERNATIONAL INC.
Address of Applicant :LAW DEPARTMENT AB/2B, 101
COLUMBIA ROAD, MORRISTOWN, NJ 07962, U.S.A.
(72)**Name of Inventor :**
1)YIU KEUNG LING
2)DAVID JOHN WILLIAMS
3)RYAN HULSE

(57) Abstract :

Provided is a composition comprising an azeotrope-like mixture of 1,1,1,3,3-pentafluoropentane, 1,1,1,3,3-pentafluorobutane, and cyclopentane, as well as uses thereof.

No. of Pages : 21 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2449/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :15/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : A PROCESS FOR EXPRESSION OF VARIABLE SURFACE GLYCOPROTEIN OF TRYPANOSOMA EVANSI IN PICHIA PASTORIS.

(51) International classification	:C07K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH
(32) Priority Date	:NA	(ICAR)
(33) Name of priority country	:NA	Address of Applicant :KRISHI BHAWAN, DR.RAJENDRA
(86) International Application No	:NA	PRASAD ROAD, NEW DELHI-110 001 India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)TEWARI ANUP KUMAR
(61) Patent of Addition to Application Number	:NA	2)BAIDYA SURAJIT
Filing Date	:NA	3)JAMMI RAGHAVENDRA RAO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The diagnosis of T. evansi infection is usually based on the demonstration of the parasites in the blood supplemented by haematological, biochemical and serological tests. As the general clinical signs of the various forms of T. evansi infection are not pathognomonic, diagnosis requires confirmation by laboratory methods. Besides that, detection of chronic infection, as in the carrier state, poses challenge. Haematological and biochemical tests are not specific for T. evansi infection, but they reveal pathological consequences of infection. Standard trypanosome detection methods including parasite concentration and inoculation of laboratory animals are widely employed with varying degree of efficacy. Serology is an important adjunct to laboratory diagnosis for detection of specific antibody responses to infection and the antigen detection tests complement the diagnostic techniques for active surveillance of the disease. The immunological methods based on antibody and antigen detection, however, do not have absolute predictive value. Use of recombinant antigens offer precision to the diagnosis in terms of specificity and sensitivity.

No. of Pages : 26 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2453/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :15/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : DEVELOPMENT OF BEATING CARDIOMYOCYTES FROM CAPRINE FETAL STEM CELL

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH
(32) Priority Date	:NA	Address of Applicant :KRISHI BHAWAN, DR.RAJENDRA
(33) Name of priority country	:NA	PRASAD ROAD, NEW DELHI-110001 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR A C MAJUMDAR
(87) International Publication No	:NA	2)DR ANEES C
(61) Patent of Addition to Application Number	:NA	3)DR SADHAN BAG
Filing Date	:NA	4)DR B C DAS
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The potential use of stem cells seems endless. The ability to isolate, culture and directing stem cells (both ES and EG cells) to form specialized cells in vitro, is widening up their use in treating different hereditary and congenital disorders (Passier and Mammery 2003). Currently, stem cells are being manipulated for generation of different types of neurons for treatment of Alzheimers disease, spinal cord injuries, or Parkinsons disease. They are also being used for production of heart muscle cells for use in congenital heart disorders or for heart attack victims. Human ES cells have been observed to be directed into cardiomyocytes when co-cultured with visceral endoderm-like cells (END-2) (Boheler et al. 2002). Protocols for the in vitro differentiation of ES cells into cardiomyocytes representing all specialized cell types of the heart, such as atrial-like, ventricular-like, sinus nodal-like, and Purkinje-like cells, have been established. During differentiation, cardiac-specific genes as well as proteins, receptors, and ion channels are expressed in a developmental continuum, which closely recapitulates the developmental pattern of early cardiogenesis.

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

(54) Title of the invention : BUFFALO EMBRYONIC STEM CELL DERIVED TERATOMAS FOR THE ASSESSMENT OF PLURIPOTENCY

(51) International classification	:C12Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH
(32) Priority Date	:NA	Address of Applicant :KRISHI BHAWAN, DR.RAJENDRA
(33) Name of priority country	:NA	PRASAD ROAD, NEW DELHI-110001 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. G. TARU SHARMA
(87) International Publication No	:NA	2)DR. O.P. VERMA
(61) Patent of Addition to Application Number	:NA	3)DR.MANJINDER SHARMA
Filing Date	:NA	4)DR. RAJESH KUMAR
(62) Divisional to Application Number	:NA	5)DR. G.SAIKUMAR
Filing Date	:NA	

(57) Abstract :

Embryonic stem (ES) cells derived from inner cell mass (ICM) of buffalo blastocysts are having indefinite proliferation and differentiation capability, they are known to be pluripotent because of their capability to differentiate into cell types of all three germ layers including germ cells. This differential potential can be assessed in vitro by studying the expression of lineage specific genes in embryoid bodies (EBs). For this invention, inner cell mass (ICM) of in vitro derived blastocysts were cultured using two different culture systems (somatic cell support and over synthetic matrices) to obtain buffalo embryonic stem cell (buESc) colonies. Telomerase activity or expression of TERT was done as a marker of undifferentiated ESC populations, both in primary buESCs colonies and after passaging. Pluripotency of the ES-cells colonies were characterized by alkaline phosphatase activity, expression of pluripotency related markers and their in vitro differentiation capability through the expression of lineage specific genes in embryoid bodies (EBs). In vivo pluripotency of the ES-cells colonies was assessed and characterized by expression of pluripotency related markers and their differentiation capability through teratoma assay in immuno-compromised mice. ESCs were found positive for the alkaline phosphatase and for the surface markers (SSEAs) and molecular markers (Oct-4, Sox-2, Nanog, Fox D-3 and Cmyc). The buESCs were positive for telomerase activity and expressed telomerase after several passages, confirming that buESCs isolated remain in an undifferentiated state and hold the potential for unlimited self-renewable divisions. Cells of EBs at this stage expressed marker genes of all the three germ layers confirming the pluripotent state of buES cells. The histological finding of the developed teratomas revealed presence of all three germinal layer derivatives. Presence of germinal layer derivatives was further confirmed by RT-PCR for presence of differentiation markers like NCAM, FLK and AFP for ectoderm, mesoderm and endoderm respectively.

No. of Pages : 22 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2455/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :15/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : SYSTEM AND METHOD OF SELECTING AND FILING AN INTELLECTUAL PROPERTY APPLICATION IN MULTIPLE COUNTRIES

(51) International classification	:G06F	(71) Name of Applicant :
(31) Priority Document No	:NA	1)EVALUESERVE LTD.
(32) Priority Date	:NA	Address of Applicant :CANON'S COURT, 22 VICTORIA
(33) Name of priority country	:NA	STREET, HAMILTON, BERMUDA
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SAVI GUPTA
(87) International Publication No	:NA	2)BALWANT RAWAT
(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 enables Intellectual Property (IP) applicants to determine the target countries for filing an IP application and provides filing and formalities support. The method includes generating a comprehensive list of target countries, eliminating countries based on patentability laws, prioritising the remaining list of countries on IP and market-specific factors and filtering the list based on the filing cost in each country and the applicants IP filing budget.

No. of Pages : 23 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2457/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :15/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : AUDIO SIGNAL BANDWIDTH EXTENSION IN CELP-BASED SPEECH CODER

(51) International classification

:G10L

(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)MOTOROLA MOBILITY, INC.

Address of Applicant :600 NORTH US HIGHWAY 45,
LIBERTYVILLE, IL 60048, U.S.A.

(72)Name of Inventor :

1)JONATHAN A. GIBBS

2)JAMES P. ASHLEY

3)UDAR MITTAL

(57) Abstract :

A method for decoding an audio signal having a bandwidth that extends beyond a bandwidth of a CELP excitation signal in an audio decoder including a CELP-based decoder element. The method includes obtaining a second excitation signal having an audio bandwidth extending beyond the audio bandwidth of the CELP excitation signal, obtaining a set of signals by filtering the second excitation signal with a set of bandpass filters, scaling the set of signals using a set of energy-based parameters, and obtaining a composite output signal by combining the scaled set of signals with a signal based on the audio signal decoded by the CELP-based decoder element.

No. of Pages : 28 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2459/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :15/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR ASSEMBLING A PITCH ASSEMBLY FOR USE IN A WIND TURBINE

(51) International classification	:F03D	(71)Name of Applicant :
(31) Priority Document No	:12/608,755	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:29/10/2009	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:U.S.A.	NEW YORK 12345 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)LOH FRIEDRICH
(87) International Publication No	:NA	2)MENKE DETLEF
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A pitch assembly (66) for use with a wind turbine (10) including a rotor (18) and at least one rotor blade (22) coupled to the rotor (18) is provided. The pitch assembly includes a pitch drive system (68) coupled to the rotor blade for rotating the rotor blade about a pitch axis (34), and at least one sensor (70) mountable with respect to the rotor for sensing an overspeed of the rotor, the sensor is communicatively coupled to the pitch drive system, and the pitch drive system configured to rotate the rotor blade when the sensor senses rotor overspeed.

No. of Pages : 28 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2460/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :15/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR TESTING A WIND TURBINE PITCH CONTROL SYSTEM

(51) International classification	:F03D
(31) Priority Document No	:12/608,393
(32) Priority Date	:29/10/2009
(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)GENERAL ELECTRIC COMPANY
Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345 U.S.A.
(72)**Name of Inventor :**
1)MELIUS JEFFREY ALAN

(57) Abstract :

Certain embodiments of the invention may include systems and methods for testing a wind turbine pitch control system (200). According to an exemplary embodiment of the invention, a method for testing a wind turbine pitch control system is provided. The method can include measuring tangential acceleration (At) (114) of a wind turbine rotor (102), determining pitch angle of one or more turbine blades (104, 106, 108), and predicting torque applied to the one or more turbine blades (104, 106, 108) based at least in part on the tangential acceleration (At) (114) and the pitch angle.

No. of Pages : 20 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2461/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :15/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : SYSTEM, DEVICE, AND METHOD FOR CONTROLLING A WIND TURBINE USING SEASONAL PARAMETERS

(51) International classification

:H02P

(31) Priority Document No

:12/609,237

(32) Priority Date

:30/10/2009

(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)GENERAL ELECTRIC COMPANY

Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345 U.S.A.

(72)Name of Inventor :

1)COOK MARK LEE

(57) Abstract :

A system for controlling an operation of a wind turbine (100) is provided. The system includes a wind turbine controller (205) configured to control an operation of the wind turbine, and a seasonal operation controller (215) including a memory area (220) for storing a plurality of operating specifications, each operating specification of the plurality of operating specifications associated with a season, a processor (225) programmed to determine a current season, and select, from the plurality of operating specifications in the memory area, an operating specification associated with the current season, and a communication interface (230) communicatively coupled to the wind turbine controller and configured to transmit the selected operating specification to the wind turbine controller, wherein the wind turbine controller controls the operation of the wind turbine based at least in part on the transmitted operating specification.

No. of Pages : 27 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2475/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :18/10/2010

(43) Publication Date : 01/11/2013

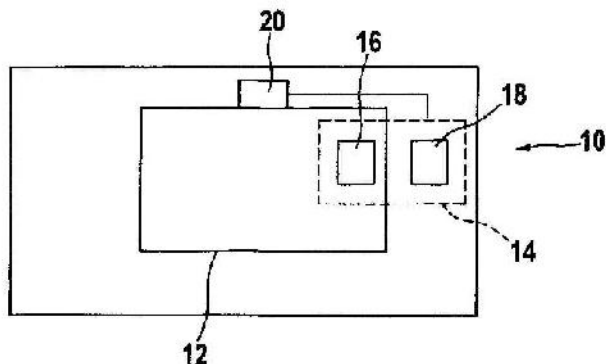
(54) Title of the invention : METHOD FOR OPERATING INTERNAL COMBUSTION ENGINE

(51) International classification :F02D
(31) Priority Document No :102009045884.0-26
(32) Priority Date :21/10/2009
(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)PORTEN, GUIDO
2)AMLER, MARKUS
3)MENG, JAN-MATHIAS
4)HAEMING, WERNER

(57) Abstract :

The present subject matter relates to a method for operating an internal combustion engine (10) and particularly relates to an internal combustion engine (10) for carrying out the method. According to the preset subject matter, fresh air mass is increased in combustion chamber (12) when a knocking is detected.



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

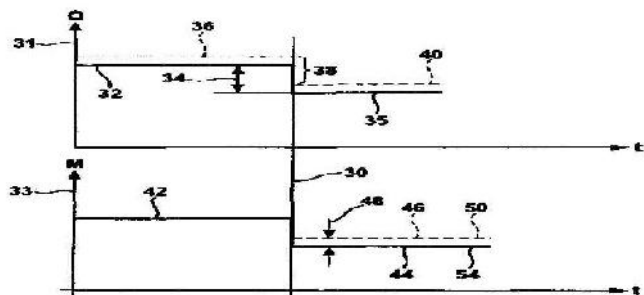
(54) Title of the invention : METHOD FOR OPERATING INTERNAL COMBUSTION ENGINE

(51) International classification :F02D
 (31) Priority Document No :102009045908.1
 (32) Priority Date :22/10/2009
 (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)KORING, ANDREAS
2)TIEBEL, WOLFGANG
3)SCHEIDT, MICHEAL
4)RUPP, ANDREAS
5)CHEN, LU

(57) Abstract :

The present subject matter relates to a method for operating an internal combustion engine, where a cylinder is equalized by evaluation of a torque with leaning of a fuel mixture in the individual cylinders. According to the present subject matter, the method includes the following steps: (a) leaning the mixture in a first cylinder to a predetermined leaning value; (b) determining a first variable that characterizes an actual torque of the first cylinder under application of an actual speed signal; (c) determining a second variable that characterizes a target torque of the first cylinder under application of the predetermined leaning value; and (d) adjusting a supplied fuel quantity of the first cylinder depending on a difference between the first variable and the second variable.

**Fig. 2**

No. of Pages : 16 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2485/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :19/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : THERAPEUTIC ANTIFUNGAL AGENTS FROM DIETARY SPICES AND PROCESS FOR PREPARATION THEREOF

(51) International classification	:C07K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY
(33) Name of priority country	:NA	CAMPUS,SECTOR -125, NOIDA -201303, UP, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)V. POOJA
(87) International Publication No	:NA	2)ASHWANI. K. SRIVASTAVA
(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 therapeutic antifungal agents extracted from different dietary spices and process for preparation thereof. The antifungal activities of these agents are analyzed by various methods against fungal species. In-vitro fungal susceptibility tests are done by agar plate- well diffusion method, Fungal Radial Growth Assay and Fungal broth inoculation assay.

No. of Pages : 21 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2486/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :19/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : BORON-FREE GLASS

(51) International classification

:C03C

(31) Priority Document No

:10 2009

(32) Priority Date

051 852.5

(33) Name of priority country

:28/10/2009

(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)SCHOTT AG

Address of Applicant :HATTENBERGSTR. 10, 55122

MAINZ, GERMANY

(72)Name of Inventor :

1)BRIX, PETER

(57) Abstract :

The invention discloses boron-free neutral glasses having the composition (in % by weight, based on oxide) 65-72 SiO₂, 11-17 Al₂O₃, 0.1-8 Na₂O, 3-8 MgO, 4-12 CaO and 0-10 ZnO, a ratio CaO/MgO of 1.4 to 1.6, and having a hydrolytic resistance in accordance with DIN ISO 719 in class 1 and an acid resistance in accordance with DIN 12116 and an alkali resistance in accordance with DIN ISO 695 at least in class

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2493/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :20/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : NITRILE RUBBERS

(51) International classification	:C08L
(31) Priority Document No	:09174921.8
(32) Priority Date	:03/11/2009
(33) Name of priority country	:EUROPEAN UNION
(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)LANXESS DEUTSCHLAND GMBH
Address of Applicant :D-51369 LEVERKUSEN, GERMANY
(72)**Name of Inventor :**
1)SVEN BRANDAU
2)HANS MAGG
3)MICHAEL KLIMPEL

(57) Abstract :

Through the use of an improved iron-based redox system it is possible to prepare special new, optionally hydrogenated, nitrile rubbers which feature a more uniform monomer distribution and a lower fraction of long-chain branches and hence are distinguished by enhanced flow properties at the same time as very good properties on processing.

No. of Pages : 36 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2496/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :20/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : AN AROMATIC SUBSTITUTED PENTADIENOIC ACID AMIDES AS POTENTIATORS OF THE BIOEFFICACY OF DRUGS

		(71)Name of Applicant : 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI-11001, INDIA.
		(72)Name of Inventor : 1)KOUL SURRENDER 2)MALLEPALLY VENKAT REDDY 3)THOTA NIRANJAN 4)KOUL JAWAHIR LAL 5)SANGWAN PAYARE LAL 6)TANEJA SUBHASH CHANDRA 7)KUMAR ASHWANI 8)KHAN INSHAD ALI 9)KALIA NITIN PAL 10)ABDULLAH SHEIKH TASDUQ 11)JOHRI RAKESH KAMAL 12)PAGUCH SANDEEP SINGH 13)TIKOO ASHOK KUMAR 14)TIKOO MANOJ KUMAR 15)SHARMA SUBASH 16)SINGH SURJEET 17)SINGH GURDARSHAN 18)BHUSARI SACHIN 19)SAXENA AJIT KUMAR 20)MONDHE DILIP MANIKRAO 21)AGARWAL SATYAM KUMAR 22)WAKHLOO PURNIMA BASANT 23)QAZI GHULAM NABI
(51) International classification	:C07K	
(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	:	
Filed on	:01/01/1900	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an aromatic substituted pentadienoic acid amides and there use in combination of specific amounts of aromatic amides i.e. 4-alkyl-5-(substituted phenyl)-2(E),4(E)-pentadienoic acid amides, its geometrical isomers or their dihydro or tetrahydro derivatives and an anti-infective drug useful in potentiating the bioefficacy of antiinfective drug. The combination of the present invention is useful in the treatment of certain infections and disease at lower concentration of anti-infectives necessary to inhibit the growth of microbial strains and may also find applications in reducing the resistance in microorganisms.

No. of Pages : 45 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2502/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :20/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : CHLORINE-FREE PACKAGING SHEET WITH TEAR-RESISTANCE PROPERTIES

(51) International classification	:C08G
(31) Priority Document No	:12/6111,880
(32) Priority Date	:03/11/2009
(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 :**
1)KEVIN DAVID GLASER
2)MATTHEW LEROY MENGEL
3)CURTIS RANDOLPH BARR

(57) Abstract :

A chlorine-free packaging sheet having a first rigid component, a second rigid component and a multilayer film positioned between the first rigid component and the second rigid component, a package comprising such packaging sheet and a method of manufacturing such sheet. The packaging sheet has a normalized combined tear initiation and propagation resistance in both the machine direction and the transverse direction of less than about 0.115 inlbf / mil energy to break and less than about 0.800 % / mil elongation, and a normalized tear propagation resistance in both the machine direction and the transverse direction of less than about 0.300 inlbf / mil energy to break and less than about 0.145 Ibf / mil peak load.

No. of Pages : 80 No. of Claims : 77

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2507/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :21/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : BROAD SPECTRUM INSECTICIDAL COMPOSITION FOR AGRICULTURAL CROPS

(51) International classification	:A01N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CRYSTAL PHOSPHATES LTD.
(32) Priority Date	:NA	Address of Applicant :GI/17, INDUSTRIAL AREA, G. T.
(33) Name of priority country	:NA	KARNAL ROAD, AZADPUR, DELHI-110033, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)N. K. AGGARWAL
(87) 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 insecticidal composition for control of insect pests/mites in agricultural crops. More particularly, the present invention pertains to a broad spectrum insecticidal composition effective against piercing and sucking type of insects including mites and is highly effective in low doses and is also environment-friendly. Furthermore, the insecticidal composition in accordance with the present invention acts at all stages of insects/pests life cycle and has long lasting effect.

No. of Pages : 14 No. of Claims : 7

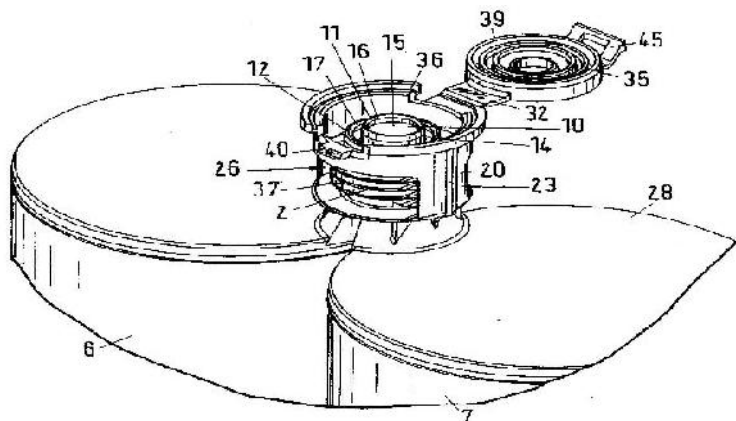
(54) Title of the invention : CARTRIDGE WITH INTEGRATED CLOSURE CAP

(51) International classification :B65D
 (31) Priority Document No :09174037.3
 (32) Priority Date :26/10/2009
 (33) Name of priority country :EUROPEAN UNION
 (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)SULZER MIXPAC AG
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 (72)Name of Inventor :
1)SASAN HABIBI-NAINI

(57) Abstract :

A cartridge (1) includes a storage chamber (5, 6, 7) for the reception of a filler material (8, 9, 15) and a neck (2) which contains a discharge passage (11, 12) for the filler material (8, 9, 15). The filler material (8, 9, 15) can be dispensed from the storage chamber (5, 6, 7) through the discharge passage (11, 12). The neck (2) contains an end (16, 17) of the discharge passage (11, 12) wherein a discharge opening (10, 14) is arranged at the end of the discharge passage (11, 12). The discharge opening (10, 14) can be closed by a closure cap (13). The closure cap (13) is connected to the cartridge (1) in one piece, wherein the discharge opening (10, 14) can be closed a plurality of times in that the closure cap (13) engages into the end (16, 17) of the discharge passage (11, 12) such that the filler material is held back in the discharge passage (11, 12) when the closure cap (13) closes the discharge opening (10, 14) and the closure cap remains connected to the Cartridge (1) via a connection element (32) when the discharge opening (10, 14) is free.



No. of Pages : 40 No. of Claims : 14

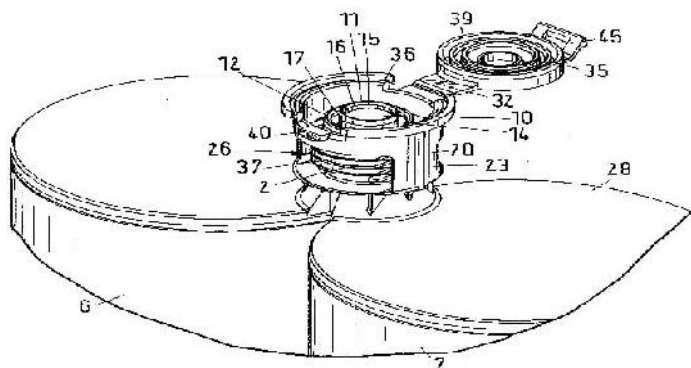
(54) Title of the invention : CONTAINER HAVING A SHOCK-ABSORBING ELEMENT

(51) International classification :B65D
 (31) Priority Document No :09174038.1
 (32) Priority Date :26/10/2009
 (33) Name of priority country :EUROPEAN UNION
 (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)SULZER MIXPAC AG
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 SWITZERLAND
 (72)Name of Inventor :
1)JOSEF ETTLIN
2)SASAN HABIBI-HAINI

(57) Abstract :

A container includes a storage chamber (5, 6, 7) for the reception of a filler material (8, 9, 15) and includes a neck (2) which contains a discharge passage (11, 12) for the filler material (8, 9, 15) so that the filler material (8, 9, 15) can be dispensed from the storage chamber (5, 6, 7) through the discharge passage (11, 12) so that the filler material (8, 9, 15) is discharged through a discharge opening (10, 14) arranged at the end of the discharge passage (11, 12). The neck has a longitudinal axis (60) and a discharge end, wherein the discharge end comprises a discharge opening (10, 14) of the discharge passage (11, 12), whereby the discharge opening (10, 14) contains the longitudinal axis. The neck (2) is surrounded by a shock absorbing element (20) such that the shock absorbing element (20) has a first end (21) which is connected to the neck (2) and has a second end (22) and a jacket (23) which extends between the first and second ends (21, 22), with the jacket (23) and the second end (22) being arranged at a spacing from the neck (2) so that an intermediate space (24) is formed.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2524/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :22/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : SYSTEMS AND METHOD FOR OPERATING A WIND TURBINE HAVING ACTIVE FLOW CONTROL

(51) International classification

:F03D

(31) Priority Document No

:12/613,274

(32) Priority Date

:05/11/2009

(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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NEW YORK 12345 U.S.A.

(72)Name of Inventor :

1)NIES JACOB JOHANNES

2)HAANS WOUTER

(57) Abstract :

A flow control system (100,200) for use with a wind turbine is provided. The flow control system includes an air distribution system (102,202) at least partially defined within at least one blade (22) of the wind turbine (10), the air distribution system including at least one aperture (108,208) defined through an outer surface of the blade, and a control system (36,363) in operational control communication with the air distribution system. The control system is configured to operate the wind turbine in a first mode, operate the wind turbine in a second mode that is different than the first mode, acquire operational data of the wind turbine during at least the second mode, determine an effectiveness of the flow control system using the acquired operational data, and perform an action based on the effectiveness of the flow control system.

No. of Pages : 64 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2525/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :22/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : SYSTEMS AND METHOD OF ASSEMBLING AN AIR DISTRIBUTION SYSTEM FOR USE IN A ROTOR BLADE OF A WIND TURBINE

(51) International classification	:F01D	(71)Name of Applicant :
(31) Priority Document No	:12/613,287	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:05/11/2009	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:U.S.A.	NEW YORK 12345 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)HAANS WOUTER
(87) International Publication No	:NA	2)NIES JACOB JOHANNES
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An air distribution system (102) for use in a wind turbine (10), the wind turbine including at least one rotor blade (22) including a sidewall (134) at least partially defining a cavity (142) extending from a blade root (148) towards a blade tip (150) is provided. The air distribution system including a manifold (106) at least partially positioned within the cavity and extending from the blade root towards the blade tip, the manifold having a root end (114) and an opposing tip end (118), and defining a passage (155) from the root end to the tip end, a plurality of apertures (108) defined through the sidewall, the plurality of apertures providing flow communication between the passage and ambient air (214), and a debris collector (107) coupled to the tip end (118) of the manifold and configured to collect debris flowing through the air distribution system.

No. of Pages : 44 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2526/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :22/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : SYSTEM AND METHOD FOR PROVIDING A CONTROLLED FLOW OF FLUID TO OR FROM A WIND TURBINE BLADE SURFACE

(51) International classification	:B64C	(71)Name of Applicant :
(31) Priority Document No	:12/612,501	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:04/11/2009	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:U.S.A.	NEW YORK 12345 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PESETSKY DAVID S.
(87) International Publication No	:NA	2)WANG JING
(61) Patent of Addition to Application Number	:NA	3)HAANS WOUTER
Filing Date	:NA	4)KIRTLEY KEVIN R.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A wind turbine blade system 200 having a blade 108 rotatably attached to a rotor 106 of a wind turbine 100. The system further includes a controller 605 and one or more opening 203 disposed along at least one surface of the blade 108 and a fluid moving device 207 arranged and disposed to provide a fluid to or from the one or more opening 203. A controlled amount of the fluid is provided to the one or more opening 203. The amount of fluid is determined by the controller 605. A wind turbine 100 and a method for operating a wind turbine 100 are also disclosed.

No. of Pages : 32 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2527/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :22/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : SYSTEMS AND METHOD FOR OPERATING A WIND TURBINE HAVING ACTIVE FLOW CONTROL

(51) International classification	:F03D
(31) Priority Document No	:12/613,013
(32) Priority Date	:05/11/2009
(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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NEW YORK 12345 U.S.A.
(72)**Name of Inventor :**
1)NIES JACOB JOHANNES
2)HAANS WOUTER

(57) Abstract :

A fluid distribution system (134,228) for use in a wind turbine (10) including an air distribution system (102,202) at least partially defined within a blade (22) of the wind turbine is provided. The fluid distribution system includes a fluid container (138,232) positioned within the wind turbine, the fluid container including a fluid inlet (144,146,240,242) and configured to contain a fluid (136,230) therein, and a conduit (140,234) in flow communication with the fluid container, the conduit configured to channel the fluid from the fluid container into the air distribution system for discharge through at least one aperture of the air distribution system to facilitate removing debris from the air distribution system.

No. of Pages : 46 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2544/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :25/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : INTERNAL COMBUSTION ENGINE

(51) International classification	:F02B
(31) Priority Document No	:102009051848.7
(32) Priority Date	:28/10/2009
(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)DR. ING. H.C.F. PORSCHE AKTIENGESELLSCHAFT
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(72)Name of Inventor :
1)BRUNO KISTNER
2)BERNHARD FREIERMUTH
3)CHRISTOPH MULLER

(57) Abstract :

The invention relates to an internal combustion engine (40) having a crankcase (41) which accommodates cylinders, having at least one exhaust turbocharger (46, 47) and having an oil circuit containing at least one oil pump (58), in which engine oil can be sucked in by means of at least one oil pump (58) and fed to the cylinders for lubrication, and in which the or each exhaust turbocharger (46, 47) is coupled to the oil circuit in such a way that engine oil sucked in can be fed to bearings of the respective turbocharger via an inlet line (59, 69) leading to the respective exhaust turbocharger and can then be carried away from the bearings of the respective exhaust turbocharger in the direction of an oil sump (69) via an outlet line (61, 62) leading away from the respective exhaust turbocharger. According to the invention, the respective outlet line (61, 62) of the respective exhaust turbocharger (46, 47) is assigned a pressure limiting device (63, 64), with the aid of which a vacuum prevailing at the bearings of the respective exhaust turbocharger (46, 47) can be limited.

No. of Pages : 21 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2546/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :25/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : VIDEO PROCESSING APPARATUS AND VIDEO PROCESSING METHOD

(51) International classification :H04N

(31) Priority Document No :2010-017624

(32) Priority Date :29/01/2010

(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)HITACHI CONSUMER ELECTRONICS CO., LTD.

Address of Applicant :2-1, OTEMACHI 2-CHOME,
CHIYODA-KU, TOKYO JAPAN

(72)Name of Inventor :

1)HASEGAWA MINORU

2)KABUTO NOBUAKI

(57) Abstract :

Video processing apparatus and method including a process for switching a 2D program and a 3D video program. The method has the steps of, for example: inputting a 3D video signal and a 2D video signal; discriminating whether the video signal which is inputted is the 3D video signal or the 2D video signal; and converting a clock frequency of the video signal which is determined as a 2D video signal.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2547/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :25/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : SOLID-STATE LIGHT SOURCE DEVICE

(51) International classification	:G03B
(31) Priority Document No	:2010-028771
(32) Priority Date	:12/02/2010
(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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(72)**Name of Inventor :**
1)HIRATA KOJI
2)IKEDA HIDEHIRO
3)KIMURA NOBUYUKI

(57) Abstract :

A solid-state light source device, enabling to build up with using solid-state elements, and having the structure suitable to be applied as a light source for a projection-type display apparatus, comprises a Solid-state light source unit 10 for or emitting excitation light therefrom, a reflection mirror (or reflector) 130 made of a parabolic surface, for condensing the excitation light from the solid-state light source to be point-like, and a disc-like (or wheel) member 140, repeating reflection/scattering or transmission/scattering of the excitation light and conversion of the excitation light, alternately, in vicinity of a focus point of the excitation light, which is condensed to be point-like by the reflection mirror (or reflector) , wherein the excitation light (B-color) reflected/or scattered by that disc-like (or wheel) member and fluorescence light (Y-color), wavelength of which is converted, is taken on a same optical path, by means of the reflection mirror (or reflector) 130 or a second reflection mirror (or reflector) 130, and thereby outputting a white color light emitting from a point-like light source.

No. of Pages : 62 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2548/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :25/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD FOR MANUFACTURING ELECTROSTATIC NON-WOVEN INTAKE FILTER AND ELETROSTATIC NON-WOVEN INTAKE FILTER USING THE SAME

(51) International classification	:D04H	(71)Name of Applicant :
(31) Priority Document No	:10-2009-0119181	1)HYUNDAI MOTOR COMPANY
(32) Priority Date	:03/12/2009	Address of Applicant :231 YANGJAE-DONG, SEOCHO-KU, SEOUL, REPUBLIC OF KOREA.
(33) Name of priority country	:Republic of Korea	2)KIA MOTORS CORPORATION
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)LEE SANGIL
(87) International Publication No	:NA	2)KIM JUNGMIN
(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 manufacturing an electrostatic non-woven intake filter, may include a fabric preparation process that weaves at least a kind of fiber fabric into a web, and a filter fabric manufacturing process that weaves the web into a felt that has at least a layer, and manufactures an electrostatic non-woven intake filter material that is a non-woven fabric having a fiber tissue having a semipermanent electrostatic force by allowing a binder and an electrostatic material to permeate the felt.

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

(54) Title of the invention : ELECTRODE AND METHOD FOR ELECTRO-CHEMICAL PROTECTION OF CONCRETE STRUCTURES

(51) International classification :B28B
 (31) Priority Document No :FI
 (32) Priority Date 20096125
 (33) Name of priority country :30/10/2009
 (86) International Application No :Finland
 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 :INSINOORINKATU 8, FI - 50100,
 MIKKELI, Finland
 (72)Name of Inventor :
1)LAURILA, TIMO
2)CHEAITANI, ATEF

(57) Abstract :

The invention relates to an electrode supplying cathodic protective current to a target to be protected, located in a poorly conductive electrolyte. The open structure of the electrode improves the current supply capacity of the electrode, calculated per unit of length, so as to prevent the change of the properties of the electrolyte as a result of excessive local current density. At the same time, the costs required for the installation of the electrode may be reduced. fig-1

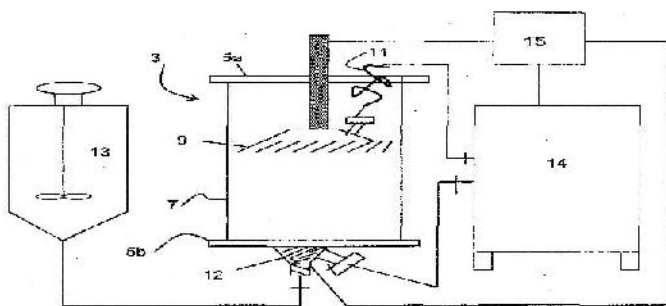


Fig. 1

No. of Pages : 15 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2583/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :29/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : BORON-SELECTIVE RESINS

(51) International classification

:B01D

(31) Priority Document No

:10 2009

(32) Priority Date

052 934.9

(33) Name of priority country

:12/11/2009

(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 :

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Address of Applicant :D-51369 LEVERKUSEN, GERMANY

(72)Name of Inventor :

1)PIERRE VANHOORNE

2)MICHAEL SCHELHAAS

(57) Abstract :

The present invention relates to boron-selective resins containing glucamide structures, a method for production thereof and also use thereof for removing boron from liquids, preferably from seawater, drinking water or process waters in or from the electronics industry.

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

(54) Title of the invention : SUPER FAST CONSTRUCTION SYSTEM

(51) International classification	:E04H	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SURESH CHAWLA
(32) Priority Date	:NA	Address of Applicant :R/O B-1/411, JANAK PURI, NEW
(33) Name of priority country	:NA	DELHI-110058 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SURESH CHAWLA
(87) 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 relates to a super fast construction system - characterized as one which utilizes the solidifying property of cement concrete mix and also the property of the same mix which permanently fixes and solidifies all the items placed in between the boundary and spaces of cement concrete mix and all items that have property of getting fixed permanently to cement concrete mix that remain in contact or come in contact with cement concrete mix after the cement concrete mix is set in few hours or days , this technology consists of creating the shuttering and centering which creates the outer boundary of cement concrete constructions as per the designs and the outer boundaries are created by first -creating shell of constructions using steel pipes/steel structures/metal structures/column/beam rings/foundation footings/raft etc as per the design requirements of various kinds of constructions like buildings, bridges, dams, roads, water storage systems and all kinds of reinforced cement concrete constructions ,once the shell is created , for buildings a false wall of reinforcement bars as per design requirements or welded mesh is fixed to the shell by welding or by binding etc., once the shell of structure including foundation shell along with false walls is created with in the boundary of ... constructions, the false walls - support all the services in place - like concealed electric boxes/conduits, electric wiring, concealed pipes and fittings for water supply, concealed plumbing installations like concealed pipes, fittings etc, concealed fire fighting pipes, fire fighting fittings ,concealed sanitary pipes, fittings, concealed rain water pipes, fittings etc, concealed air-conditioning services, hot gas pipes and fittings and all kinds of services which can be accommodated with in the walls/ roofs/beams/columns and all kinds of reinforced cement concrete constructions and cement concrete constructions, once all services are in place the ceramic tiles/ tiles/stone claddings/ claddings which can set along with cement concrete mix are also fixed temporarily to inner surfaces/outer surfaces/below roofs shuttering /the shuttering of columns/beams etc are fixed using adhesives; once all items that are required for permanent constructions are in place as per the designs of the constructions- the shuttering / centering is either fixed with nut bolts to shell or externally fixed using other methods and cement concrete mix as per design requirements of various kinds of constructions is introduced in between the shuttering spaces, the spaces for roof/beams/columns/walls etc and the cement concrete mix is allowed to set for the time period as per practice for walls/roofs/columns/beams etc.; the shuttering and centering materials are removed for completing the constructions which encompass all kinds of concealed services , the wall-files, outer files/stone cladding etc fixed permanently in place as per the designs of the constructions, similarly the roof of buildings can also be constructed for use with in few hours of casting the roof by fixing permanent asbestos sheets/steel sheets/sheets of appropriate materials to steel members or fabricated members resting on concrete walls created after casting the walls or along with walls by resting roof members on shell of construction it self, the roof members can hold permanently the sheets over which the cement concrete mix is introduced along with covering the steel members fixed for casting the roofs, similarly all kinds of constructions can be completed using self supporting steel structures or structures made of suitable materials to create - outer shells of structures in shapes and sizes as required for fly-overs, bridges, dams, ports, structures for elevated transports etc. and reinforcement as required is also placed along with services and bound with in the structures with - shuttering attached to such structures with nut bolts fixed to the structures it self, once the cement concrete mix is introduced in between the spaces of the shuttering , the shuttering is removed after the cement concrete mix is set, the bolts can be cut using blades or cutting gases etc or decorative nuts can be fixed to bolts oozing out of the structures.

No. of Pages : 71 No. of Claims : 10

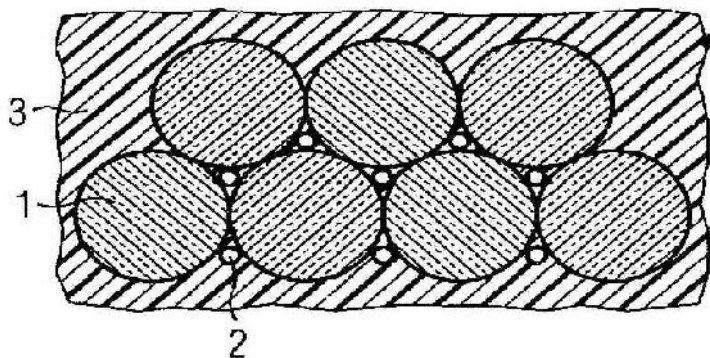
(54) Title of the invention : FIBRE-REINFORCED PLASTIC MATERIAL

(51) International classification :B29C
 (31) Priority Document No :EP09014906
 (32) Priority Date :01/12/2009
 (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 :
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 (72)Name of Inventor :
1)GROVE-NIELSEN; ERIK
2)WINTHER-JENSEN; MARTIN

(57) Abstract :

The present invention relates to fibre-reinforced plastic material comprising matrix material 3 and first fibres 1. The first fibres 1 are embedded in the matrix material 3. According to the invention, filling pieces 2, 6 are embedded in the matrix material 3. The filling pieces 2,6 are arranged between the first fibres 1 to prevent crack propagation in the fibre-reinforced plastic material.

**FIG-1**

No. of Pages : 16 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2591/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :29/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF N-PENTANOYL-N-[[2'-(1H-TETRAZOL-5-YL)[1,1'-BIPHENYL]-4-YL]METHYL]-L-VALINE

(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)KHANNA, JAG MOHAN

2)HOLKAR, ANIL GANPATRAO

3)ALLUGULASETTY, RADHESHYAM

4)YELAKANTI, CHANDRASHEKHAR

(57) Abstract :

Disclosed herein is an improved process for the preparation of pure N-Pentanoyl-N-[[2(lh-Tetrazol-5-Yl)[1,l-Biphenyl]-4-Yl]Methyl]-L-Valine employing highly active carbon.

No. of Pages : 26 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2620/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :02/11/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF TETRABROMOBISPHENOL-A

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI- 110 001, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)JAIN SUMAN LATA
(61) Patent of Addition to Application Number	:NA	2)VERMA SANNY
Filing Date	:NA	3)SAIN BIR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved process for the preparation of tetrabromobisphenol-A by reacting bisphenol-A with a novel recyclable potassium tribromide wrapped in poly(ethylene glycol) [PEG.KBr₃] reagent in water at room temperature. The invention is particularly advantageous as it provides a novel approach for recycling of undesirable HBr generated during the bromination of bisphenol-A to Tetrabromobisphenol-A. 16

No. of Pages : 17 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2624/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :02/11/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : BRAKE SYSTEM FOR A WIND TURBINE WITH INTEGRATED ROTOR LOCK, GENERATOR AND WIND TURBINE

(51) International classification	:F03D
(31) Priority Document No	:EP09014765
(32) Priority Date	:26/11/2009
(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)SIEMENS AKTIENGESellschaft
Address of Applicant :WITTELSBACHERPLATZ 2, 80333
MUNCHEN, GERMANY
(72)Name of Inventor :
1)ERIKSEN; UFFE
2)VENG; JENS ANTON AGERSKOV

(57) Abstract :

A brake system, especially for a wind turbine generator (6), is provided. The brake system comprises a rotor lock system (17) which is integrated in the brake system. Figure 3

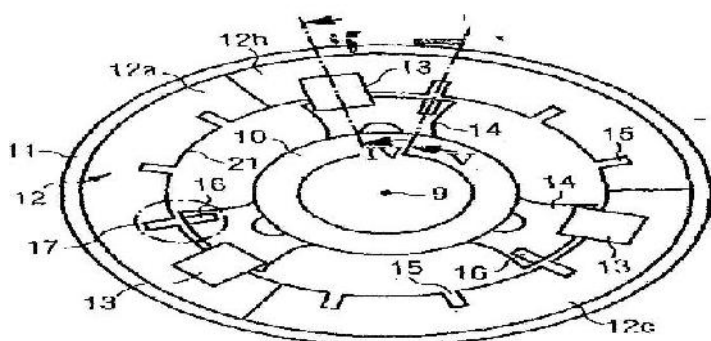


FIG 3

No. of Pages : 24 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2631/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :03/11/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : SURROUNDING STRUCTURE OF STORAGE COMPARTMENT OF INSTRUMENT PANEL

(51) International classification :B60R

(31) Priority Document No :2009-254757

(32) Priority Date :11/06/2009

(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)SUZUKI MOTOR CORPORATION

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Hamamatsu-shi Shizuoka-ken JAPAN

(72)Name of Inventor :

1)MASADA Keiichi

2)FUJITA Tomonari

(57) Abstract :

A surrounding structure of a recessed storage compartment of an instrument panel, including the compartment formed in the instrument panel, comprises a steering support member extending in a vehicle width direction on a forward position of a front wall of the compartment, and an attachment piece protruding frontward from the front wall. The attachment piece has an attachment portion abutting the support member. A U-shaped cutout is formed in the attachment portion to be opened on a front edge of the attachment portion or on a rear edge of the attachment portion. The attachment piece is fastened to the support member by a fastening member inserted into the cutout. A cross-sectional center of the support member is arranged above a top edge or below a bottom edge of the front wall.

No. of Pages : 20 No. of Claims : 4

(54) Title of the invention : SOUNDSCAPE GENERATION

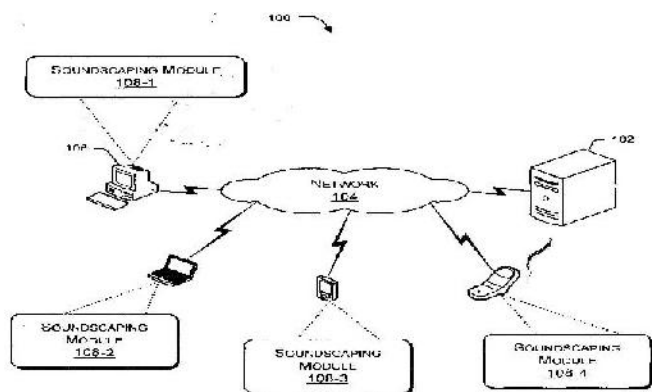
(51) International classification :H04S
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No :NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)INDIAN INSTITUTE OF TECHNOLOGY KANPUR
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 INSTITUTE OF TECHNOLOGY, KANPUR - 208016, UTTAR
 PRADESH, INDIA

(72)Name of Inventor :
1)BISWAS, SUSHAM
2)LOHANI, BHARAT

(57) Abstract :

The present subject matter relates to a device (106) for generating a soundscape within a virtual environment. The device (106) receives terrain information (224) and sound information (226) based on a user location, from a Map/Image server (102) or similar systems. The device (106) generates sound data indicating characteristics of the sound at the user location based on the terrain information (224) and sound information (226). The device (106) generates such sound data using a sound modeling technique. Based on the generated sound data, the device (106) generates a soundscape corresponding to the user location within the virtual environment.



No. of Pages : 26 No. of Claims : 12

(54) Title of the invention : METHOD FOR REGULATING OR CONTROLLING TEMPERATURE OF PENCIL TYPE GLOW PLUG

(51) International classification :F02P
 (31) Priority Document No :102009046438.7
 (32) Priority Date :05/11/2009
 (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)RAPP, RERND
2)JOOS, SASCHA

(57) Abstract :

The present subject matter relates to a method for regulating or controlling temperature of a pencil type glow plug in a heating phase of the pencil type glow plug, in which a temperature value is determined in dependence of a resistance value of the pencil type glow plug. In order to allow regulation and/or controlling of the temperature of the pencil type glow plug during an unsteady temperature distribution within the pencil type glow plug, the resistance value is calculated with the help of a physical model for determination of the temperature value during an unsteady temperature profile within the pencil type glow plug.

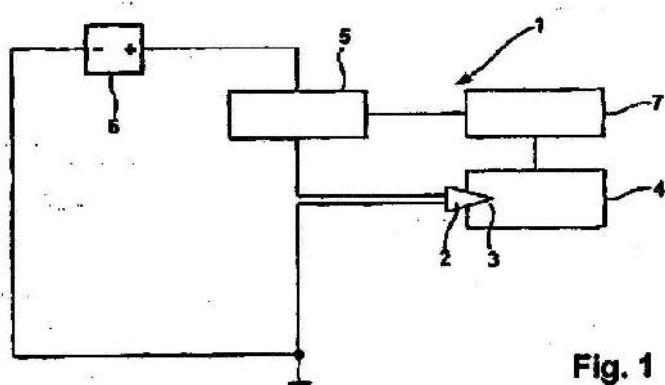


Fig. 1

No. of Pages : 14 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2645/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :04/11/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : HERBAL COMPOSITION TO PREVENTION AND CONTROL TERMITE AND TICKS

(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)VARSHA SINGH

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ADAMPUR, JALANDHAR - 144103, PUNJAB, INDIA

(72)Name of Inventor :

1)VARSHA SINGH

(57) Abstract :

A pesticidal herbal composition to prevent and control termites and ticks and a process for the preparation thereof is disclosed. The composition comprises 0.5 ml to 1.5 ml of Euphorbia cotinifolia plant extract added into 30-100 ml solvent. The plant extract is first prepared and then it is mixed with a solvent, for example, water.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2650/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :04/11/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : USER INTERFACE SYSTEM AND METHODS BETWEEN A PORTABLE DEVICE AND COMPUTER

(51) International classification

:G06F

(31) Priority Document No

:12/616,676

(32) Priority Date

:11/11/2009

(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)SONY CORPORATION

Address of Applicant :1-7-1 KONAN, MINATO-KU,
TOKYO, 108-0075, JAPAN

(72)Name of Inventor :

1)KAZUHIKO SHIRAI

2)YASHIRO, HABARA

3)TSUYOSHI KODERA

4)KOKI IWAZAKI

(57) Abstract :

System and methods for viewing a mobile screen from a mobile device on foe desktop of a computer by operating a predefined pair of a mobile application program and a computer application program to provide continuous seamless integration of the processing of the data file as a pseudo-single session. When the user operates certain operations the document opened by the mobile device application program is saved as a file, and automatically transferred from the mobile device storage file system to the computer storage file system. A pre-defined equivalent application software on the computer is launched and the copied computer file is opened on the computer screen outside or overlapping to the mobile device screen emulation window.

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

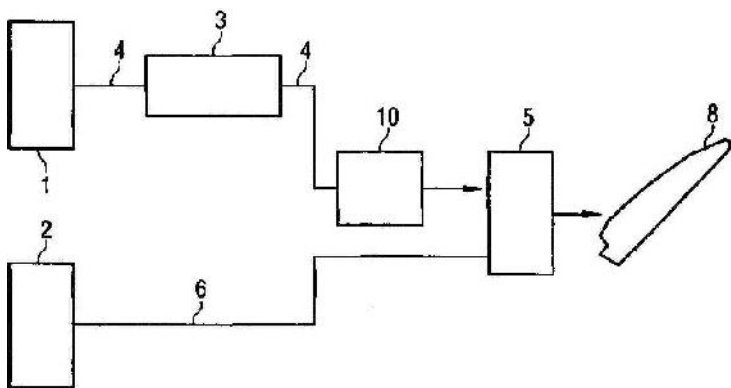
(54) Title of the invention : METHOD AND ARRANGEMENT TO IMPROVE THE PRODUCTION OF A BLADE

(51) International classification :B29C
 (31) Priority Document No :EP10000880
 (32) Priority Date :28/01/2010
 (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 :
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 (72)Name of Inventor :
1)SCHIBSBYE; KARSTEN

(57) Abstract :

Method and arrangement to improve the production of a blade The invention relates to a method and to an arrangement to improve the production of a blade, preferably to improve the production of a wind turbine blade. A first container (1) contains a resin. The first container (1) is connected with a degas-system (5), thus the resin is provided to the degas-system (3). The degas-system (3) is constructed and designed in a way that the amount of gas within the provided resin is reduced. Thus gas-reduced resin is produced , which is mixable with a hardener. The resin-hardener-mixture is applicable for an injection into an enclosed composite structure (8), which is used to produce the blade (8).

**FIG-4**

No. of Pages : 20 No. of Claims : 16

(54) Title of the invention : ARRANGEMENT FOR THE TRANSPORT OF WIND TURBINE COMPONENTS

(51) International classification :B60P
 (31) Priority Document No :EP09014850
 (32) Priority Date :30/11/2009
 (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)SIEMENS AKTIENGESELLSCHAFT
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 MUNCHEN, GERMANY
 (72)Name of Inventor :
1)POULSEN; HENNING

(57) Abstract :

Arrangement for the transport of wind turbine components The invention relates to a system for the transportation of wind turbine components with a vehicle, especially for the transportation of large wind turbine components. According to the invention the vehicle comprises at least two wheelsets {6,1}, a first end frame (1) connected to a first wheelset (6) and a second end frame (3) connected to a second wheelset (7). The vehicle comprises further a support structure (2) for carrying at least one wind turbine component (5), wherein said support structure (2) is adapted to be detachably connected to the first end frame (1) and/or to the second end frame (3). Thereby, the wind turbine component (5) is connected solely to the support structure (2) in a fixed but detachable manner.

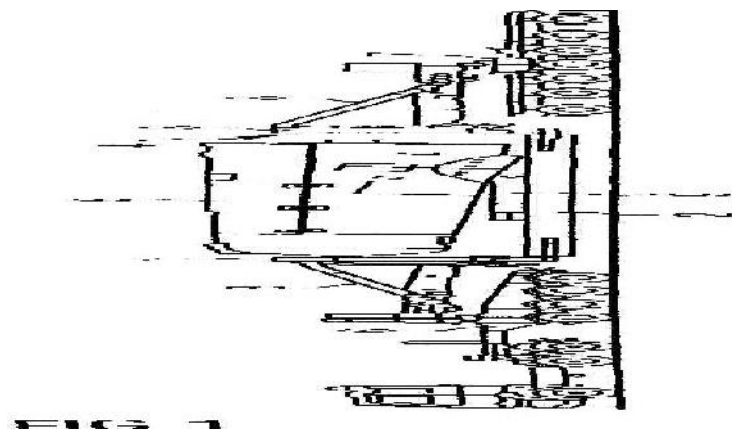


FIG 1

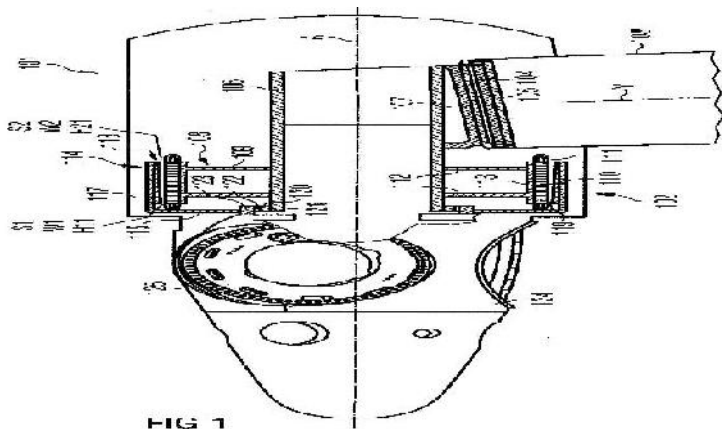
No. of Pages : 15 No. of Claims : 11

(54) Title of the invention : ARRANGEMENT TO COMPENSATE A NON-UNIFORM AIR GAP OF AN ELECTRIC MACHINE

(51) International classification	:H02K	(71)Name of Applicant :
(31) Priority Document No	:EP09015204	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:08/12/2009	Address of Applicant :WITTELSBACHERPLATZ 2, 80333
(33) Name of priority country	:EPO	MUNCHEN, GERMANY
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)STIESDAL; HENRIK
(87) 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 :

Arrangement to compensate a non-uniform air gap of an electric machine The invention relates to an arrangement to compensate a nonuniform air gap, which is located in an electric machine. The invention especially relates to a compensation of an air-gap, which is between a rotor and a stator of a generator. According to the invention the electrical machine contains a stator arrangement (108) and a rotor arrangement (114). The rotor arrangement (114) rotates around a longitudinal axis (A). At least parts (118) of the rotor arrangement interact with parts (111) of the stator arrangement to generate electrical power. The air gap is defined by the distance between the parts of the rotor arrangement and the parts of the stator arrangement. The parts of the stator arrangement are opposite to the parts of the rotor arrangement along a certain length. The cross section of the air gap changes along this length thus the air gap is not uniform in view to the referred certain length. The flux density of magnets, which are part of the rotor arrangement, is changed in dependency to the cross section of the air-gap.



No. of Pages : 22 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2678/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :09/11/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : WIND TURBINE HUB TRANSPORTATION DEVICE

(51) International classification	:B65D
(31) Priority Document No	:EP09015206
(32) Priority Date	:08/12/2009
(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 :
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Address of Applicant :WITTELSBACHERPLATZ 2, 80333
MUNCHEN, GERMANY
(72)Name of Inventor :
1)POULSEN; HENNING
2)WESTERGAARD; JAN EMIL

(57) Abstract :

An illustrative embodiment of a wind turbine nub transportation device (100) comprises a hub receiving surface (102) for receiving a wind turbine hub, a first beam (106), a second beam (108), and a center part (110) connecting the first beam (106) and the second beam (108). The first and second beam each comprises at least one first beam connector (112a, 112b, 116a, 116b) adapted for connecting the respective beam (106, 108) with a first lifter for lifting the transportation device (100). The center part (110) comprises a center connector (122) adapted for making a connection to a second lifter for lifting the transportation device (100).

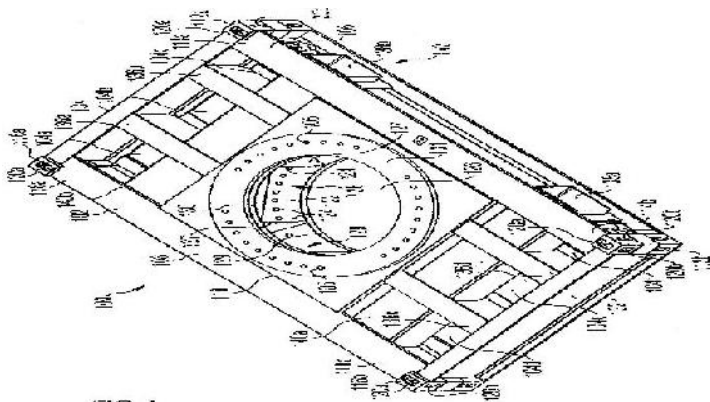


FIG 1

No. of Pages : 26 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2684/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :09/11/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : APPARATUS FOR TRACKING AND CONDENSING SUNLIGHT OF WALL INSTALLATION TYPE

(51) International classification	:F24J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GREEN PLUS CO., LTD.
(32) Priority Date	:NA	Address of Applicant :552, JISEOK-RI, EUNGBONG-
(33) Name of priority country	:NA	MYEON, YESAN-GUN, CHUNGCHEONGNAM-DO, 340-824,
(86) International Application No	:NA	REPUBLIC OF KOREA
Filing Date	:NA	2)PARK, YOUNG HWAN
(87) International Publication No	:NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)PARK, YOUNG HWAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is an apparatus for tracking and condensing sunlight of a wall installation type which tracks the position of the Sun and efficiently condenses sunlight according to variations of an altitude or orbit of the sun by installing a sunlight condensing device for adjusting an angle onto a wall. An apparatus for tracking and condensing sunlight of a wall installation type, comprises: a wall means 100; a sunlight condensing means 200 for condensing sunlight by fanning onto a side surface of the wall means 100; and an opening and closing means 300 for adjusting condensing angle by opening or closing an end of the sunlight condensing means 200.

No. of Pages : 18 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2686/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :10/11/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD AND APPARATUS FOR CONTROLLING A WIND TURBINE

(51) International classification	:F03D
(31) Priority Document No	:12/625,853
(32) Priority Date	:25/11/2009
(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 :**
1)SCHOLTE-WASSINK HARTMUT
2)KIRCHNER ANDREAS
3)UBBEN ENNO

(57) Abstract :

A power system (300) for a wind turbine (100) is provided. The power system includes a measurement device (302) configured to detect an overfrequency condition within an electrical system (200), and a controller (202) communicatively coupled to the measurement device, the controller configured to switch the wind turbine between a power generation mode and a power consumption mode based on an existence of a detected overfrequency condition.

No. of Pages : 31 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2687/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :10/11/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : SYSTEMS, APPARATUS, AND METHODS FOR IDENTIFYING PATIENT-TO-PATIENT RELATIONSHIPS

(51) International classification	:G06F
(31) Priority Document No	:12/626,371
(32) Priority Date	:25/11/2009
(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)GENERAL ELECTRIC COMPANY
Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345 U.S.A.
(72)**Name of Inventor :**
1)NAIR RENJITH S.

(57) Abstract :

An example method (700, 1100) for identifying patient-to-patient relationships among patient electronic medical data includes examining electronic patient information for one or more identifiers related to a first patient (710, 720, 1110). The method (700, 1100) includes matching, using a processor (1210), the one or more identifiers related to the first patient with one or more identifiers from electronic patient information related to a second patient (730, 750). The method (700, 1100) includes identifying, using a processor (1210), the second patient for connection to the first patient based on a relationship between the first patient and the second patient (740, 760, 770). The method (700, 1100) includes linking electronic patient information for the first patient to electronic patient information for the second patient pending approval (780, 785, 1120). The method (700, 1100) includes providing electronic access to linked electronic patient information for the second patient when reviewing the electronic patient information for the first patient (1140).

No. of Pages : 87 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2695/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :11/11/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : A DEVICE USEFUL FOR RAPID, EASY AND PRECISE SUB-SELECTIONING OF AQUEOUS SEDIMENTS IN THE CORE LINER.

(51) International classification	:E21B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI-110 001, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)ANIL BHIMRAO VALSANGKAR
(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 device having mechanical controls for rapid, accurate and easy sub-sectioning the aqueous sediments in the core liner from few millimeters to few centimeters along with any combination of the intervals. The device is useful to sub-section the sediments in the core liners without disturbing their physical and mechanical properties. The aqueous soft sediments can be either from near shore or deep-sea waters, and/ or from the fresh water river, lake, reservoir, lagoon, estuary, and creek environment, or from the areas of similar water bodies elsewhere and the like. A manually sliding sample holder on a perforated rod with a key and disk accessories enables rapid and precise sectioning of the sediments in the core liners without contamination and mixing, and saves extra time for core logging with minimum manpower and space requirement.

No. of Pages : 29 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2699/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :11/11/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : SENSOR HOLDER FOR MEDICAL SENSOR

(51) International classification	:A61B
(31) Priority Document No	:09177134.5
(32) Priority Date	:26/11/2009
(33) Name of priority country	:EUROPEAN UNION
(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)KARMA HEIKKI SAKARI
2)KAUPPI JANI MIKAEL
3)SOOSALU MILVI KRISTINA

(57) Abstract :

A sensor holder (1) for medical sensor is disclosed herein. The sensor holder includes a housing (2) surrounding a hollow (5) for a subject appendage, the housing having a first channel (30) for a gas volume following the hollow, a first aperture (31), a second aperture (32) and a third aperture (33) for a ventilation of the gas volume of the first channel.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2700/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :11/11/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : PROCESS FOR PURIFYING DIALKYL CARBONATES

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:102009053370.2	1)BAYER MATERIALSCIENCE AG
(32) Priority Date	:14/11/2009	Address of Applicant :51368 LEVERKUSEN, GERMANY
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:NA	1)PIETER OOMS
Filing Date	:NA	2)FRIEDHELM RISSE
(87) International Publication No	:NA	3)ANDRE DUX
(61) Patent of Addition to Application Number	:NA	4)CARSTEN BUCHALY
Filing Date	:NA	5)THOMAS PANCUR
(62) Divisional to Application Number	:NA	6)ARTHUR SUSANTO
Filing Date	:NA	7)GEORG RONGE

(57) Abstract :

The present invention relates to a special process for purifying dialkyl carbonates. In particular, the present invention relates to a continuous process for purifying a dialkyl carbonate / alcohol-mixture in the preparation of lower dialkyl carbonate by catalysed transesterification of a cyclic alkylene carbonate (e.g. ethylene carbonate or propylene carbonate) with lower alcohols. To optimize the economics and energy efficiency of the process, an apparatus for intermediate heating of the internal liquid stream is used.

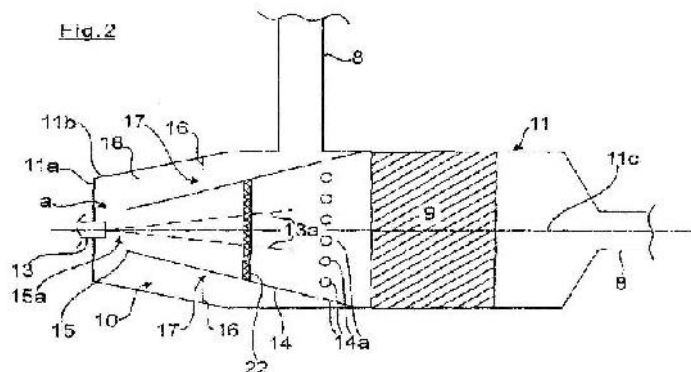
No. of Pages : 56 No. of Claims : 7

(54) Title of the invention : DEVICE FOR THE AFTERTREATMENT OF EXHAUST FROM INTERNAL COMBUSTION ENGINES

(51) International classification	:F01N	(71)Name of Applicant :
(31) Priority Document No	:10 2009	1)MAN NUTZFAHRZEUGE AKTIENGESELLSCHAFT
(32) Priority Date	053 950.6	Address of Applicant :DACHAUER STRASSE 667, D-80995
(33) Name of priority country	:19/11/2009	MUNCHEN, GERMANY
(86) International Application No	:Germany	(72)Name of Inventor :
Filing Date	:NA	1)TILINSKI, MARCO
(87) International Publication No	:NA	2)KLINGSPORN, ANDREAS
(61) Patent of Addition to Application Number	:NA	3)DORING, ANDREAS
Filing Date	:NA	4)KISTNER, ANDREAS
(62) Divisional to Application Number	:NA	5)SEIDEL, PETRA
Filing Date	:NA	

(57) Abstract :

The invention relates to a device for the aftertreatment of exhaust in an exhaust system of internal combustion engines, in particular of lean-burn internal combustion engines for motor vehicles, with at least one reducing-agent decomposition catalyst, in particular a hydrolysis catalyst, inserted into the exhaust stream and a dosing means, arranged upstream therefrom in an exhaust line, for supplying reducing agent, in particular for supplying an aqueous urea solution, with the reducing-agent decomposition catalyst preferably being succeeded by at least one further catalyst means, in particular at least one SCR catalyst. According to the invention, the reducing-agent decomposition catalyst (9) is preceded by an inflow section (10), having at least one flow deflection region (15a, 15b), for the exhaust, which section is designed such that the exhaust is supplied radially outside an inlet pipe (14) adjoining the reducing-agent decomposition catalyst (9) in a casing section (11a, 11b) surrounding the inlet pipe (14) and is guided in a counter-current flow via an end-face inlet opening (15) of the inlet pipe (14) to the reducing-agent decomposition catalyst (9), the reducing agent being supplied in the flow deflection region (15a) of the exhaust stream which is associated with the inlet opening (15).



No. of Pages : 25 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2703/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :11/11/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : AN ANTI-RADIATION CHIP AND AN ANTI-RADIATION STRIP FOR REDUCTION OF RADIATIONS ON HUMAN BODY•

(51) International classification

:G21K

(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)SYENERGY ENVIRONICS LTD

Address of Applicant :206 Southex Plaza I 389 Masjid Moth
South Extension Part II New Delhi 110049 India

(72)Name of Inventor :

1)Ajay Poddar

(57) Abstract :

The present invention relates to reducing impact of electromagnetic radiations on human health. More particularly, the present invention relates to correcting the negative impact of electromagnetic field radiations emitted by electronic equipments by using specially developed chips which change the nature of radiations without blocking or deflecting them.

No. of Pages : 26 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2704/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :12/11/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : CURABLE A QUEOUS COMPOSITION

(51) International classification	:C08F	(71)Name of Applicant :
(31) Priority Document No	:2009	1)ROHM AND HAAS COMPANY
(32) Priority Date	10261573.9	Address of Applicant :100 INDEPENDENCE MALL WEST,
(33) Name of priority country	:18/12/2009	PHILADELPHIA, PENNSYLVANIA 19106-2399, U.S.A.
(86) International Application No	:China	(72)Name of Inventor :
Filing Date	:NA	1)MIAO YANG
(87) International Publication No	:NA	2)ZHIGIANG MAO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A curable aqueous composition, a method for forming a treated substrate with the curable aqueous composition, and the substrate so treated are provided. The composition, the method and the treated substrate may be free from formaldehyde. The composition comprises a (co)polymer and a crosslinker, said (co)polymer comprising, as (co)polymerized units, from 0.05 to 10 wt%, based on the dry weight of the composition, ethylenically unsaturated monomer having at least two carboxylic acid groups, wherein the crosslinker having at least two hydrazino groups having a molar ratio of at least 0.05 of the carboxylic acid group, and wherein the aqueous composition is curable at a temperature of from 100°C to 250°C.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2708/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :12/11/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : ANTIBACTERIAL EFFECT OF FENUGREEK LEAF EXTRACT MEDIATED SILVER NANOPARTICLES

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY CAMPUS
(33) Name of priority country	:NA	SECTOR 125, NOIDA-201303, Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SINGH. R.P.
(87) International Publication No	:NA	2)MAGESH. S
(61) Patent of Addition to Application Number	:NA	3)RAKKIYAPPAN. C
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an effective antibacterial extract of silver nanoparticle mediated with fenugreek leaf extract. The antibacterial effect of fenugreek extract mediated Ag nanoparticles against three microorganisms, E.Coli, pseudomonas syringae and staphylococcus aureus is examined in the LB broth. The invention provides antibacterial extract effective against gram positive and gram negative bacteria.

No. of Pages : 13 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2714/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :15/11/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : AN ADAPTIVE OPTIMIZED COMPARE-EXCHANGE OPERATION

(51) International classification	:G06F
(31) Priority Document No	:12/653,800
(32) Priority Date	:18/12/2009
(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)INTEL CORPORATION
Address of Applicant :2200 MISSION COLLEGE BLVD.,
SANTA CLARA, CALIFORNIA 95052, U.S.A.
(72)**Name of Inventor :**
1)FRYMAN, JOSHUA, B.
2)FORSYTH, ANDREW, THOMAS
3)GROCHOWSKI, EDWARD

(57) Abstract :

A technique to perform a fast compare-exchange operation is disclosed. More specifically, a machine-readable medium, processor, and system are described that implement a fast compare-exchange operation as well as a cache line mark operation that enables the fast compare-exchange operation.

No. of Pages : 26 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2717/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :16/11/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : A NOVEL PHARMACEUTICAL COMPOSITION CONTAINING STATINS AND MORE BIOAVAILABLE UBIQUINONE

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AKUMS DRUGS & PHARMACEUTICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :304, MOHAN PLACE, LSC, BLOCK-
(33) Name of priority country	:NA	C, SARASWATI VIHAR, DELHI-34. India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. SANJEEV JAIN
(87) 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 is related to the field of pharmaceuticals. More in particular, the present invention is related to the pharmaceutical composition comprising at least a statin with coenzyme Q-10.

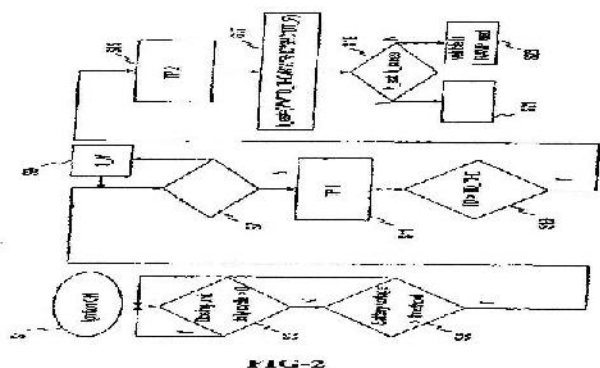
No. of Pages : 18 No. of Claims : 10

(54) Title of the invention : METHOD AND DEVICE FOR DETERMINING A FILLING LEVEL OF A LIQUID

(51) International classification	:F04B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CONTINENTAL AUTOMOTIVE GMBH
(32) Priority Date	:NA	Address of Applicant :VAHRENWALDER STRAE 9, 30165
(33) Name of priority country	:NA	HANNOVER, GERMANY
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PRAKASH, KATCHAPESWARAN
(87) International Publication No	:NA	GANAPATHYKRISHNAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A tank comprises in operation a liquid. Further to this a heating element is located in the tank. For determining a filling level of the liquid electrical energy is supplied to the heating element. A quantity representative for a temperature change of the liquid caused by heat supplied from the heating element in response to the supplied electrical energy is determined. An estimation value (h_{est}) of the filling level is determined depending on a quantity representative of the electrical energy supplied to the heating element and the quantity representative for the temperature change of the liquid.



No. of Pages : 16 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.582/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :01/03/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : PLUNGING JET HOLLOW WATER AERATING SYSTEM

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GUPTA, RAKESH
(32) Priority Date	:NA	Address of Applicant :HOUSE NUMBER 1031, SECTOR 43-
(33) Name of priority country	:NA	B, CHANDIGARH. India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GUPTA, RAKESH
(87) 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 phenomenon of plunging jet entrainment and the resultant aeration has been described by a jet of water plunging into a pool resulting in substantial amounts of air entrainment and oxygenation. The rates of oxygen transfer and oxygen transfer efficiency are the two main-parameters which are used for quantifying the performance of an aerator and for comparison of two or more aerators.

No. of Pages : 16 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6999/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :01/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD AND DEVICE FOR MONITORING A VASCULAR ACCESS AND EXTRACORPOREAL BLOOD TREATMENT DEVICE COMPRISING A DEVICE FOR MONITORING A VASCULAR ACCESS

(51) International classification	:A61M
(31) Priority Document No	:10 2008 015 832.1
(32) Priority Date	:27/03/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/002129
Filing Date	:24/03/2009
(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)FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH
Address of Applicant :ELSE-KRONER-STRASSE 1, 61352
BAD HOMBURG V.D.H., GERMANY
(72)**Name of Inventor :**
1)KOPPERSCHMIDT, PASCAL

(57) Abstract :

The invention relates to a method and a device for monitoring a vascular access during an extracorporeal blood treatment. The method and the device according to the invention are based on the monitoring of the difference between the venous pressure measured by means of a venous pressure sensor (19) and the arterial pressure measured by means of an arterial pressure sensor (18) in the extracorporeal blood circuit, said pressure being referred to as venous and arterial differential pressure. The invention is based on the finding that the values measured for the venous and arterial pressure are superimposed by interfering signals which in general make it difficult to reliably evaluate the measured pressure signals for identifying a defective vascular access on the basis of the differential pressure only. According to the method and the device according to the invention, a test function describing disturbances in the extracorporeal blood circuit is determined. Said test function is used to determine a noise-free differential pressure from the measured venous and arterial pressure, said differential pressure being evaluated in an arithmetic and evaluation unit (22) to identify a defective vascular access.

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7149/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :08/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : FRUIT OR VEGETABLE AND GRAIN SNACK MIXTURE•

(51) International classification	:A23L
(31) Priority Document No	:12/099,235
(32) Priority Date	:08/04/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/036543
Filing Date	:09/03/2009
(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)FRITO-LAY NORTH AMERICA INC.
Address of Applicant :7701 Legacy Drive Plano TX 75024-4099 U.S.A.
(72)**Name of Inventor :**
1)BASKER Varadharajan Radhami
2)NIERMANN Jason Thomas

(57) Abstract :

The present invention discloses formulations for a snack mixture having a gram component and a high content of fruit or vegetables. Fruit of vegetable based snack chips and various types of dehydrated fruit or vegetable pieces are combined with grain-based snack pieces to provide a -nutritious snack mixture

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

(54) Title of the invention : BURNER HOLDING DEVICE COMPRISING A COOLING SYSTEM FOR A BURNER ARRANGEMENT IN AN ENTRAINED BED GASIFIER

(51) International classification	:C10J	(71)Name of Applicant :
(31) Priority Document No	:10 2008 020 204.5	1)CHOREN INDUSTRIES GMBH
(32) Priority Date	:22/04/2008	Address of Applicant :FRAUENSTEINER STR. 59, 09599
(33) Name of priority country	:Germany	FREIBERG, GERMANY
(86) International Application No	:PCT/EP2009/002883	(72)Name of Inventor :
Filing Date	:21/04/2009	1)OLAF SCHULZE
(87) International Publication No	:WO 2009/129990	2)ANTON ALTHAPP
(61) Patent of Addition to Application		3)MICHAEL GATKE
Number	:NA	4)BURKHARD MOLLER
Filing Date	:NA	5)REINHOLD GRUNWALD
(62) Divisional to Application Number	:NA	6)WOLFGANG RABE
Filing Date	:NA	7)GUNTER SCHOLZ

(57) Abstract :

The instant invention relates to a burner holding device for burners, which is arranged on an entrained flow gasification reactor, wherein the burners (4, 5) are held in the burner holding device (7) and extend through a flange (11), which fixes the burner holding device (7) to the entrained flow gasification reactor (8) and extend through the burner holding device (7) into the entrained flow gasification reactor (8). The cooling device encompasses at least two cooling circuits (1, 2), which are independent from one another, wherein exactly one cooling circuit (1, 2) is at least partially assigned to each burner (4, 5), so that each burner (4, 5) is surrounded by a section of the cooling device on an end facing the front surface and wherein at least one cooling circuit (1, 2) is at least partially assigned to the front surface for cooling. Below the flange (11) within the burner holding device (7) from top to bottom, - a layer (19) consisting of insulating casting compound, which is fire resistant up to at least 800°C and comprises a heat conductivity in the range of from 0.02-0.8 W/m K, a layer consisting of loose material (17), which is fire resistant up to at least 800°C, a layer (18) consisting of heat-conducting casting compound, which is fire resistant up to at least 1800°C and comprises a heat conductivity of 3-15 W/m K furthermore surrounds the burners (4, 5)

No. of Pages : 23 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7246/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :13/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : ACTIVE REFORMER

(51) International classification	:C10J
(31) Priority Document No	:0805020.5
(32) Priority Date	:18/03/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2009/000708
Filing Date	:18/03/2009
(87) International Publication No	:WO 2009/115784
(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)AL CHALABI, RIFAT
Address of Applicant :CHINOOK SCIENCES LLC, 20
COMMERCE DRIVE, 20 COMMERCE DRIVE, CRANFORD,
NEW JERSEY 07016, U.S.A.
2)PERRY, OPHNEIL, HENRY
(72)**Name of Inventor :**
1)AL CHALABI, RIFAT
2)PERRY, OPHNEIL, HENRY

(57) Abstract :

The invention provides an apparatus and method for producing synthetic gas. The apparatus has a pyrolysis chamber (12) for generating synthetic gas, a reformer unit (14), conduit means (22, 24) forming a circulation loop for repeatedly circulating gases between said pyrolysis chamber and said water-gas shift reaction zone and means for adding hydrogen to said gas circulating in said loop by way of a water-gas shift reaction.

No. of Pages : 15 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7256/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :13/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : KEYWORD ADVERTISEMENT METHOD AND THE RELATED SYSTEM USING META INFORMATION RELATED TO DIGITAL CONTENT

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:10-2008-0027086	1)KANG, MIN SOO
(32) Priority Date	:24/03/2008	Address of Applicant :B-304, ACROVISTA, 1685-3,
(33) Name of priority country	:Republic of Korea	SEOCHO-DONG, SEOCHO-GU, SEOUL 137-921, REPUBLIC
(86) International Application No	:PCT/KR2009/001480	OF KOREA
Filing Date	:24/03/2009	(72)Name of Inventor :
(87) International Publication No	:NA	1)KANG, MIN SOO
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A disclosed is related to a method and a system for a keyword advertisement by using meta information related to a digital content and more particularly, to an advertisement method using meta information related to a digital content including a multimedia content, etc., and a system for the advertisement method. The disclosed is a method and a system for a keyword advertisement by using meta information, such as a tag, included in multimedia contents, such as a moving picture, an image, and a sound. Through implementing the disclosure, all of a content producer producing multimedia contents, a content circulator, and a content distributor can obtain advertisement profits through the multimedia content service including a keyword advertisement content. Further, a user can effectively enjoy multimedia content for free or at an extremely low cost, easily web-surf the related contents through the keyword advertisement content including information related to the multimedia content viewed by the user, and obtain additional information. Further,. an advertiser can provide users watching multimedia contents with a targeted advertisement, so that it is possible to induce more traffic to a site/web page or other advertisement contents desired to advertise. Further, the disclosure can utilized in a wired/wireless online advertisement industry, a multimedia content industry, an information and communication industry, a film industry including a movie, an image industry, a music industry, etc.

No. of Pages : 635 No. of Claims : 94

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7364/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :19/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD FOR INCREASING THE DIFFERENCE BETWEEN THE MELTING TEMPERATURE AND THE CRYSTALLIZATION TEMPERATURE OF A POLYAMIDE POWDER

(51) International classification	:C08J	(71)Name of Applicant :
(31) Priority Document No	:0852863	1)ARKEMA FRANCE
(32) Priority Date	:29/04/2008	Address of Applicant :420 RUE D'ESTIENNE D'ORVES, F-
(33) Name of priority country	:France	92700 COLOMBES, FRANCE
(86) International Application No	:PCT/FR2009/050788	(72)Name of Inventor :
Filing Date	:29/04/2009	1)GREGORY FILOU
(87) International Publication No	:WO 2009/138692	2)CYRILLE MATHIEU
(61) Patent of Addition to Application Number	:NA	3)HOLGER SENFF
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method for reducing the crystallization temperature and the melting temperature of a polyamide powder resulting from the polymerization of at least one predominant monomer, in which the reduction in the crystallization temperature is greater than the reduction in the melting temperature, said method comprising a step of polymerization of said at least one predominant monomer with at least one different minor comonomer polymerized according to the same polymerization process as said at least one predominant monomer, said at least one minor comonomer being chosen from aminocarboxylic acids, diamine/diacid pairs, lactams and/or lactones, and said at least one minor comonomer representing from 0.1 % to 20% by weight of the total blend of said monomer(s) and comonomer(s), preferably from 0.5% to 15% by weight of said total blend, preferably from 1% to 10% by weight of said total blend.

No. of Pages : 40 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7365/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :19/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : DIAMINOPURIMIDINES AS PLANT PROTECTION AGEENTS

(51) International classification :A01N
(31) Priority Document No :08102819.3
(32) Priority Date :20/03/2008
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2009/001902
Filing Date :16/03/2009
(87) International Publication No :WO 2009/115267
(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)BAYER CROPSCIENCE AG

Address of Applicant :ALFRED-NOBEL-STR. 50, 40789
MONHEIM, GERMANY

(72)Name of Inventor :

1)JORG NICO GREUL

2)OLIVER GAERTZEN

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4)AMOS MATTES

5)ULRIKE WACHENDORFF-NEUMANN

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7)ARND VOERSTE

8)PETER SCHREIER

9)ULRICH GORGENS

10)HEINZ KEHNE

11)CHRISTIAN PAULITZ

12)HIROYUKI HADANO

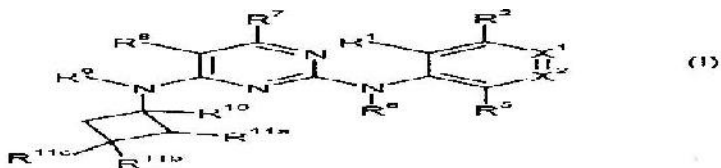
13)OLIVER GUTH

14)ANGELA BECKER

15)OLGA MALSAM

(57) Abstract :

Use of diaminopyrimidines of the formula (I) in which R1 to R11a,b,c and X1, X2 have the meanings given in the description, and also agrochemically active salts thereof as crop protection agents. Diaminopyrimidines of the formulae (1a), (1b) and (1c) in which R8a, R8b, R8c, and R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11a,b,c and X1, X2 have the meanings given in the description, and also agrochemically active salts thereof and their use for controlling animal pests and/or phytopathogenic harmful fungi.



No. of Pages : 202 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7375/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :19/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : ANTIMICROBIAL SYSTEM

(51) International classification :A01N
(31) Priority Document No :0806608.6
(32) Priority Date :11/04/2008
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2009/050343
Filing Date :08/04/2009
(87) International Publication No :WO 2009/125222
(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 QUEEN'S UNIVERSITY OF BELFAST
Address of Applicant :UNIVERSITY ROAD, BELFAST
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(72)Name of Inventor :
1)EARLE, MARTYN
2)SEDDON, KEN
3)GILEA, MANUELA
4)BOBERLY, GABOR
5)GILMORE, BRENDAN
6)MCLAUGHLIN, MARTIN
7)GORMAN, SEAN

(57) Abstract :

The present invention relates to the use of ionic liquids as antimicrobial agents, and to the use of antimicrobial compositions comprising an ionic liquid, a film-enhancing composition and a viscosity controlling agent. The invention further relates to methods of disinfecting substrate surfaces, to substrates produced by such methods, and to novel ionic liquid compositions.

No. of Pages : 80 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7447/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :21/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : NOVEL STRAIN OF LACTOBACILLUS PARACASEI SUBSPECIES PARACASEI HAVING ANTIMICROBIAL AND IMMUNOMODULATORY PROPERTIES•

(51) International classification :C12N
(31) Priority Document No :0802158
(32) Priority Date :18/04/2008
(33) Name of priority country :France
(86) International Application No :PCT/FR2009/000443
Filing Date :16/04/2009
(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)COMPAGNIE GERVAIS DANONE

Address of Applicant :17 boulevard Haussmann 75009

PARIS FRANCE

(72)Name of Inventor :

1)CHAMBAUD Isabelle

2)KHLEBNIKOV Artem

3)VILLAIN Anne-Catherine

4)GROMPONE Gianfranco

5)SAINT DENIS Thierry

6)DRUESNE Anne

7)SMOKVINA Tamara

(57) Abstract :

The invention relates to a novel strain of Lactobacillus paracasei subspecies paracasei, having antimicrobial and immunomodulatory properties, and to compositions containing said strain.

No. of Pages : 24 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7449/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :22/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : WET CHEMICAL PROCESS FOR THE SUSTAINABLE RECOVERY OF METAL COMPOUNDS FROM WASTE SUCH AS ELECTRONIC SCRAP

(51) International classification	:C22B
(31) Priority Document No	:61/044,877
(32) Priority Date	:14/04/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/040578
Filing Date	:14/04/2009
(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)AKRIDGE James R.
Address of Applicant :4435 South Paseo Melodioso Tucson
AZ 85730 U.S.A.
(72)Name of Inventor :
1)AKRIDGE James R.

(57) Abstract :

Disclosed is a process for removing metals from waste, particularly electronic waste (or e-waste). The process generally includes the steps of dissolving at least some of the metals from the waste with nitric acid reagent and then causing at least some of the metals to precipitate as metal oxides and/or metal nitrates. NOx gases produced as by-product by the nitric acid dissolution of metallic components in the electronic waste are reused, in particular for generating permanganate when one of the metallic components comprises manganese.

No. of Pages : 29 No. of Claims : 87

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7600/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :28/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : MOP BUCKET WITH TWO COMPARTMENTS

(51) International classification	:A47L
(31) Priority Document No	:U 200800914
(32) Priority Date	:30/04/2008
(33) Name of priority country	:Spain
(86) International Application No	:PCT/ES2008/000650
Filing Date	:17/10/2008
(87) 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)RIVADULLA OLIVA, CARLOS
Address of Applicant :C/ MAJOR DE RECTORET, 28,
08017, BARCELONA, SPAIN
(72)**Name of Inventor :**
1)RIVADULLA OLIVA, CARLOS

(57) Abstract :

Mop bucket with two compartments positioned horizontally, one for containing clean water and the other for containing dirty water, where each compartment is connected to its corresponding wringer. It comprises three pieces that can be coupled together: a first and main piece that comprises the clean water container, on whose mouth a second piece is coupled, comprising a compartment for dirty water, which is smaller in size and has a lower height, in such a way that after it has been fitted, its bottom is higher than the bottom of the main body, with two mouths for the whole bucket. Said whole is then finished off at the top with a third piece that can be coupled to it and which contains a pair of wringers that coincide with the mouths of each water compartment, together with an opening for the mop head to gain access to the clean water compartment.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7843/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :08/11/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : A SECTIONAL BLADE•

(51) International classification	:F03D
(31) Priority Document No	:PA 2008 00649
(32) Priority Date	:07/05/2008
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/EP2009/055541
Filing Date	:07/05/2009
(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)VESTAS WIND SYSTEMS A/S

Address of Applicant :Alsvej 21 DK-8940 Randers SV
Denmark

(72)Name of Inventor :

1)HANCOCK Mark

(57) Abstract :

The invention provides a sectional blade for a wind turbine. The blade comprises at least a first blade portion and a second blade portion extending in opposite directions from a joint. Further each blade portion comprises a spar section forming a structural member of the blade and running lengthways. The first blade portion and the second blade portion are structurally connected by at least one spar bridge extending into both blade portions to facilitate joining of said blade portions and the spar bridge joins the spar sections.

No. of Pages : 36 No. of Claims : 29

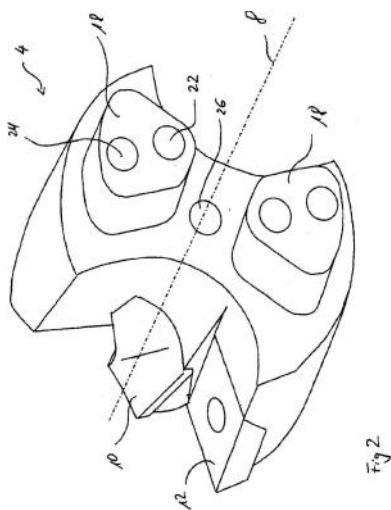
(54) Title of the invention : LATHE TOOL, IN PARTICULAR BORING TOOL

(51) International classification :B23B
 (31) Priority Document No :10 2008 017 540.4
 (32) Priority Date :03/04/2008
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2009/002405
 Filing Date :02/04/2009
 (87) International Publication No :NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :7397/DELNP/2010
 Filed on :20/10/2010

(71)Name of Applicant :
1)KENNAMETAL INC.,
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 OF AMERICA
 (72)Name of Inventor :
1)HORST MANFRED JAGER
2)BERTHOLD HEINRICH ZEUG

(57) Abstract :

The lathe tool, in particular a boring tool (2) , has a receiving part designed as a borer body (6) and a front part designed as a borer body (4), which extend along a center axis (8) and can be detachably fastened to one another via a driver connection. The driver connection comprises at least two coupling pairs separate from one another and arranged eccentrically with respect to the center axis (8). Each coupling pair is formed by interlocking coupling elements, namely a receiving pocket (20) and a driver pin (18) . The coupling elements are designed in such a way that the borer head (4) and the borer body (6) are centered relative to one and oriented in alignment with one another via the coupling elements when said borer head (4) and said borer body (6) are fitted together. To this end, the coupling elements (18, 20) have an asymmetrical cross-sectional area and widen with increasing distance from the center axis (8) for good torque transmission. Due to this configuration, reliable transmission even of high torque is achieved, in comparison with the solution known from the prior art, with lower stresses of the borer head (6) in the region of the driver connection. At the same time, automatic centering of the two tool parts relative to one another is effected by the special configuration.



No. of Pages : 41 No. of Claims : 10

(54) Title of the invention : OFFSHORE UNIT AND METHOD OF INSTALLING WELLHEAD PLATFORM USING THE OFFSHORE UNIT

(51) International classification :E02B
 (31) Priority Document No :PCT/MY2008/000043
 (32) Priority Date :14/05/2008
 (33) Name of priority country :Malaysia
 (86) International Application No :PCT/MY2009/000038
 Filing Date :19/03/2009
 (87) International Publication No :WO 2009/139616
 (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)KINGTIME INTERNATIONAL LIMITED

Address of Applicant :80 RAFFLES PLACE #16-20, UOB PLAZA, 2 SINGAPORE 048624 SINGAPORE.

(72)Name of Inventor :

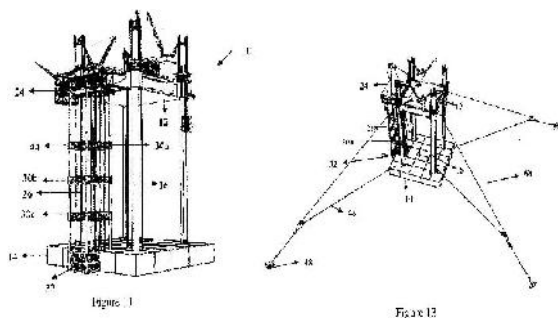
1)C. NADARAJAH NAGENDRAM.

2)DE RAJ RENATA ANITA

3)SUPPHIAH MAHENDRAN

(57) Abstract :

The present invention relates to an offshore unit (10, 60, 62, 64, 58, 70) which includes hull (12) and/or deck frame (52), a mat (14) attached to at least one connecting leg (16) or a spud can (50) attached to each of at least one connecting leg or lower hull (18) attached to at least one connecting means (66), a wellhead deck (24) is removeably attached to the hull (12) and/or deck frame (52) and a sub-sea clamp in conjunction with a caisson (20) or a sub-sea conductor frame (32) removeably attached to the mat (14) or to the at least one connecting leg (16), where a spud can (50) is attached to each of the at least one connecting leg, or to the lower hull (18). The offshore unit is relocatable and is a platform or a rig capable of performing drilling, production, construction, accommodation, hook-up and commissioning or a combination of any of these functions thereof. The offshore unit is a self elevating mobile platform (10, 60, 62, 64) or submersible platform (70) or semi-submersible platform (58). The present invention also relates to a method of installing a wellhead platform (22) which includes a wellhead deck (24), sub-sea conductor frame (32) and at least one conductor (26) using a offshore unit (10, 60, 62, 64, 58, 70). The method includes transporting the offshore unit (10, 60, 62, 64, 58, 70) to offshore installation site, installing the offshore unit, installing at least one conductor (26) through the wellhead deck (24) and sub-sea conductor frame (32) until the at least one conductor (26) penetrate through soil layers to target penetration and securing the wellhead deck (24) to the at least one conductor (26). Alternatively, a sub-sea clamp in conjunction with a caisson can be pre-installed instead of the sub-sea conductor frame and offshore installed conductor. The present invention also relates to method of demobilizing a self elevating mobile platform (10, 60, 62, 64). Besides that, the present invention relates to method of installing a wellhead platform (22) for exploring hydrocarbon below sea bed which includes a wellhead deck (24) and sub-sea conductor frame (32) using a offshore unit.



No. of Pages : 65 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8048/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :15/11/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : NOVEL PYRAN DERIVATIVES, THEIR PREPARATION AND USE THEREOF IN PERFUMERY•

(51) International classification	:C11B	(71)Name of Applicant :
(31) Priority Document No	:08305118.5	1)V. MANE FILS
(32) Priority Date	:22/04/2008	Address of Applicant :620 route de Grasse F-06620 Bar Sur
(33) Name of priority country	:EPO	Loup France
(86) International Application No	:PCT/EP2009/054691	(72)Name of Inventor :
Filing Date	:21/04/2009	1)MANE Jean
(87) International Publication No	: NA	2)PLESSIS Caroline
(61) Patent of Addition to Application	:NA	3)CHANOT Jean-Jacques
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process of preparing a compound of formula (I) wherein R represents a linear or branched C5 alkyl group, as well as the use of such compounds in a fragrant and/or flavouring composition.

No. of Pages : 35 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1160/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :06/04/2011

(43) Publication Date : 01/11/2013

(54) Title of the invention : AUTOMOBILE USED FOR DISABLED PEOPLE

(51) International classification	:B60R9/06	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DHANJIBHAI KERAI
(32) Priority Date	:NA	Address of Applicant :AT. KARAGHOGHA (KACHH), TQ.
(33) Name of priority country	:NA	MUNDRA, DISTRICT: KACHCHH, GUJARAT India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DHANJIBHAI KERAI
(87) 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 discloses an automobile for disabled people. It is an assembled scooter with the chassis and engine being of conventional construction and structure. In addition, the present invention comprises, a supplementary balancing mechanism implemented as wheel (4) for balancing the vehicle. Further, an additional optionally removable extension to the driver seating area (5) has been fixed in front of the usual driver seat for the disabled person to accommodate himself or herself. A mechanism has been attached to the rear wheel brake implemented as lever (6) for the disabled driver to be able to apply the brakes with the hand. Such an arrangement ensures that, the driver of the automobile is able to drive at a speed on par with people with normal driving abilities.

No. of Pages : 13 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.163/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :18/01/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : THERMOELECTRIC COOLER BOX.

(51) International classification

:H01L
35/32

(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

:N/A

(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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MUMBAI-400067 Maharashtra India

(72)Name of Inventor :

1)ASHOK K. JAIN

2)NATARAJAN S. IYER

(57) Abstract :

The present invention relates to the Thermo Electric Cooler. More specifically, it relates to the improved Thermo Electric Cooler that can function at Indian ambient temperature. The improved thermo electric cooler can automatically switch to battery mode on non-availability of electric supply and can function efficiently for about 8-10 hours without electric supply.

No. of Pages : 8 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.264/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :03/02/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF BEPOTASTINE AND ITS PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF

(51) International classification	:C07D401/12
(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)ENALTEC LABS PRIVATE LIMITED
Address of Applicant :B-501 GREAT EASTERN SUMMIT,
PLOT NO.-66, SECTOR-15, CBD BELAPUR, NAVI MUMBAI-
400 614, Maharashtra India
(72)**Name of Inventor :**
1)SIVA KUMAR VENKATA BOBBA
2)ESWARA RAO KODALI
3)SANJAY DASHRATH VAIDYA
4)ALOK PRAMOD TRIPATHI

(57) Abstract :

An improved process for the preparation of bepotastine and its pharmaceutical acceptable salts thereof. The process comprises treating the compound of structural formula II with resolving agent to get a compound of structural formula III and then converting a compound of structural formula III into bepotastine and its pharmaceutically acceptable salts thereof. Formula I Wherein R is C1-4 straight chain alkyl or substituted alkyl group or (S)-4-phenyloxazolidin-2-one group.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2730/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :28/09/2011

(43) Publication Date : 01/11/2013

(54) Title of the invention : AN ULTRASONIC INSTRUMENT INDICATING HOMOGENIZATION END POINT.

(51) International classification	:G01N 33/53	(71)Name of Applicant : 1)VHB MEDI SCIENCES LIMITED
(31) Priority Document No	:NA	Address of Applicant :50/AB, GOVERNMENT
(32) Priority Date	:NA	INDUSTRIAL ESTATE, CHARKOP NAKA, KANDIVALI (W),
(33) Name of priority country	:NA	MUMBAI-400 067. Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ASHOK K. JAIN
(87) International Publication No	:N/A	2)NATARAJAN S. IYER
(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 about analyzing of homogenization process to determine whether the end point of the homogenization process is reached. The instrument is developed for the determination of the homogeneity by using ultrasonic receiver and transmitter placed at various planes and angles.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3414/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :15/12/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : PROCESS FOR PREPARING TETRABENAZINE

(51) International classification	:C07D217/02, C07C221/00, C07D471/04	(71) Name of Applicant : 1)ENALTEC LABS PRIVATE LIMITED. Address of Applicant :17TH FLOOR, KESAR SOLITAIRE, PLOT NO.5 SECTOR-19, SANPADA, NAVI MUMBAI PIN CODE : 400705 Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)SIVA KUMAR VENKATA BOBBA
(33) Name of priority country	:NA	2)ALOK PRAMOD TRIPATHI
(86) International Application No	:NA	3)SANJAY DASHRATH VAIDYA
Filing Date	:NA	4)ESWARA RAO KODALI
(87) International Publication No	: NA	5)GIRISH BANSILAL PATEL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A substantially pure crystalline form A of tetrabenazine compound of structural formula I and processes for the preparation thereof is provided.

No. of Pages : 38 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1176/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :28/03/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : A PROCESS FOR DELAMINATING TISSUE LAYERS OF URINARY BLADDER FOR ISOLATING EXTRACELLULAR MATRIX COMPONENTS

(51) International classification	:C12Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)M/S SREE CHITRA TIRUNAL INSTITUTE FOR
(32) Priority Date	:NA	MEDICAL
(33) Name of priority country	:NA	Address of Applicant :SCIENCES AND TECHNOLOGY,
(86) International Application No	:NA	BIOMEDICAL TECHNOLOGY WING, POOJAPPURA,
Filing Date	:NA	THIRUVANANTHAPURAM - 695 012 Kerala India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)ANILKUMAR TV
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a process for delaminating tissue layers of urinary bladder for isolating urinary bladder derived scaffolds, comprising the steps of collecting the urinary bladders of animals from slaughter houses immediately draining off urine and transferring specimens without any gross lesion to neutral buffered formalin, subjecting the specimens to a step of pretreatment with a stabilizing agent soon after collection, trimming the neck and fundus to obtain a cylindrical hollow structure, making an incision therein and flattening out the same to obtain a flattened sheet, cleaning the sheet and trimming off the fat content from the outer part of the serosal layer and separating the inner mucosal layer, followed by peeling off the serosal and muscularis layer to obtain a white translucent sheet, subjecting the sheet to washing, prefreezing and lypophilization to obtain the urinary bladder-derived scaffolds.

No. of Pages : 23 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3012/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :01/12/2008

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD AND SYSTEM FOR PROCESSING DATA IN ELECTRONIC DEVICES

(51) International classification	:G06F17/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SAMSUNG INDIA SOFTWARE OPERATIONS PVT.
(32) Priority Date	:NA	LTD.
(33) Name of priority country	:NA	Address of Applicant :BAGMANE LAKEVIEW, BLOCK 'B',
(86) International Application No	:NA	NO. 66/1, BAGMANE TECH PARK, C.V. RAMAN NAGAR,
Filing Date	:NA	BYRASANDRA, BANGALORE-560093 Karnataka India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DAYANANDA YARAGANALU SADASHIVAPPA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and system for processing data in an electronic device is provided. The method includes selecting an Image representation of data. The method then converts the image to a text data. Thereafter characteristics of the text data are automatically changed based on predefined preferences. The changes in the characteristics of the text data is performed using one or more functions on the text data.

No. of Pages : 30 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3013/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :01/12/2008

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD AND SYSTEM FOR MANGING EMERGENCY CONTACT NUMBERS IN COMMUNICATION DEVICES

(51) International classification	:H04M1/00
(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)SAMSUNG INDIA SOFTWARE OPERATIONS PVT. LTD.
Address of Applicant :BAGMANE LAKEVIEW, BLOCK 'B',
NO. 66/1, BAGMANE TECH PARK, C.V. RAMAN NAGAR,
BYRASANDRA, BANGALORE-560093 Karnataka India
(72)**Name of Inventor :**
1)VAMSI KRISHNA KATRAGADDA
2)JANAKIRAM TELLAKULA

(57) Abstract :

A method and system for managing emergency contact numbers in a communication device is provided. The method includes organizing plurality of contact numbers in the communication device based on frequency of accessing each of the plurality of contact numbers. Thereafter, one or more contact numbers in an emergency contact number list is updated based on the organized plurality of contact numbers. The method then performs communication with one or more communication devices associated with the one or more contact numbers in the emergency contact number list.

No. of Pages : 28 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3014/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :01/12/2008

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD AND SYSTEM FOR MANAGING MEDIA CONTENT RECORDED IN REAL TIME

(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)SAMSUNG INDIA SOFTWARE OPERATIONS PVT. LTD.

Address of Applicant :BAGMANE LAKEVIEW, BLOCK 'B',
NO. 66/1, BAGMANE TECH PARK, C.V. RAMAN NAGAR,
BYRASANDRA, BANGALORE-560093 Karnataka India

(72)Name of Inventor :

1)RAGHAVENDRA KALOSE MATHSYENDRANATH

(57) Abstract :

A method and a system for managing media content recorded in real time is provided. The method includes enabling selection of portions of stored media content in the media file for overwriting. The method also includes overwriting the portions of the stored media content with the media content recorded in real time. Further, the method includes rearranging the portions of the recorded media content in the media file. Moreover, the method includes modifying the media file for corrective playback based on the rearranging. The system includes an electronic device. The electronic device includes a processor for processing enabling selection of portions of stored media content in the media file, overwriting the portions of the stored media content with the media content recorded in real time, rearranging the portions of the recorded media content in the media file, and modifying the media file for corrective playback.

No. of Pages : 23 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2979/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :27/11/2008

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD AND SYSTEM FOR NOTIFICATION IN PUSH TO X OVER CELLULAR NETWORK

(51) International classification	:H04W4/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Samsung India Software Operations Private Limited.
(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 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MANISH DASS
(61) Patent of Addition to Application Number	:NA	2)GUNDUR SIVA PRASAD
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and a system for notification in a push to X over cellular network are provided. The method includes obtaining an identification address of a floor controller in the push to X over cellular network. Further, the method includes notifying the floor controller based on a session initiation protocol (SIP). The system includes a first push to X over cellular client for controlling floor. The system also includes a second push to X over cellular client for receiving data from the first push to X over cellular client. Further, the system includes a push to X over cellular server for receiving a request from the second push to X over cellular client and notifying the first push to X over cellular client based on a session initiation protocol (SIP).

No. of Pages : 14 No. of Claims : 8

(54) Title of the invention : RUN FAN AND OTHER MACHINES WITHOUT CURRENT (ELECTRICITY)

(51) International classification	:H02K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)V. NALLASIVAM
(32) Priority Date	:NA	Address of Applicant :32, KAMARAJ ST, II SURAMPATTI,
(33) Name of priority country	:NA	ERODE - 638 009 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)V. NALLASIVAM
(87) 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 device that I have invented is weight-driven. The equipment runs on the principle of Leaver. . A weight and a lever added at one side, drives the gear arrangement. It is a mechanical device that is powered by the gravitational pull of the weight. The weights hang on the connected cable/chain. The suspended weight pulls up the cable/chain. The chain/cable when pulled drives the crank which in turn rotates the gear arrangement adjacent to it. The rotation thus started drives the next gear attached to it and so on. I have assembled few gear wheels linked with each other to transform and increase the R.P.M from one to the other in a phased manner. A small shift at the first wheel could ultimately results in getting a greater speed finally at the last wheel which drives the Fan to displace air. Unlike electric motors where the usual 1440 rpm has to be reduced or increased to suit the requirement. But my gadget could be very well designed to give the desired RPM. The concept could be used to drive numerous equipments without electricity. The proto type made is used to drive a fan leaf and also light source. The number of the wheels and diameter of the wheel, module depends on the R.P.M that is required. The weight is proportional to the time that the unit is required to run. The weight could be made of any available material like sand, stone, iom etc., Even adding a spring to give the desired load/weight is possible. The gears could be made as per the specific requirements. For running a far/light the wheels could be made with plastic. If the concept is used to drive any heavy gadget then the wheels could be made of steel to withstand the wear and rear. The diameter of the wheel is the factor to get the desired RPM. As no electric energy is required the gadget is not alone eco friendly but also serves the purpose at remote areas where there is no electric supply. This equipment could ideally be put into use for our Soldiers at tough terrains. The fan could be made as a table fan. The device could be conveniently fitted on the ceiling and the fan blades. In such cases wire rope and pulley might be used to load the weight. I have tried this fan attached to a chair, where the weight is the person himself sitting on the chair. With the weight of the person sitting on the chair the equipment/fan starts working. The level (height) of the chair after some time lowers. The load/weight has to be again charged by pressing a leaver. If the average weight of a person is taken as 50 kilos and just imagine if a family of 4 persons, when they sit on a sofa while watching Television shows, they can easily bring a weight of 200 kilos. When my device is attached to a slightly raised sofa, and when the people sit on that the equipment starts running. The rotation could be coupled to drive any domestic equipment like washing machine or a wet grinder or a mixer. The laborious domestic work is done without hardship. Ideally the equipment could be used to drive a dynamo to provide light source. The same concept could be adapted to run a skate board effortlessly.

No. of Pages : 12 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1448/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :11/04/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : LIVE BOUQUET

(51) International classification	:A01G5/00	(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	LAB PVT LTD., 601 A, VAYALAR P.O, CHERTHALA,
(86) International Application No	:NA	ALAPUZHA - 688 536 Kerala India
Filing Date	:NA	2)DR. PRIYA RAGHAVENRA 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 is a live bouquet with light weight containers having fresh flowers and small herbs in soil/ soil less planting media and which will generate fresh leaves and shoot.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1676/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : LOCALIZATION QUALITY ASSURANCE OF LOCALIZED SOFTWARE

(51) International classification	:G06F19/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INFOSYS LIMITED
(32) Priority Date	:NA	Address of Applicant :IP CELL, PLOT NO 44,
(33) Name of priority country	:NA	ELECTRONICS CITY, HOSUR ROAD, BANGALORE 560 100
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SATYA PRABH KATHOORIA
(61) Patent of Addition to Application Number	:NA	2)PERMINDER SINGH VOHRA
Filing Date	:NA	3)SAURABH KASHYAP
(62) Divisional to Application Number	:NA	4)SUDHIR SRIVASTAVA
Filing Date	:NA	5)RITESH PARMAR
		6)SUMIT GOYAL

(57) Abstract :

Described herein are representative embodiments for localization quality assurance (LQA) of localized software. In one exemplary implementation, a localization quality assurance plan for performing LQA of a localized software based on a base-language software is developed, and using the localization quality assurance plan, the LQA is performed for the localized software at least by performing a first test phase of one or more test phases. In the first test phase, one or more screen maps are created for a localized-software build using first location resources at a first location, and the one or more screen maps are evaluated using second location resources at a second location. Also, one or more resource bundles for the first localized-software build are generated based on the evaluating of the one or more screen maps. Additionally, a second localized-software build is generated using the first location resources based on the one or more resource bundles.

No. of Pages : 51 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3831/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :08/11/2011

(43) Publication Date : 01/11/2013

(54) Title of the invention : FUEL CONSUMPTION COMPUTATION DEVICE FOR INTERNAL COMBUSTION ENGINE VEHICLES

(51) International classification

:F16H

(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 TECHNOLIS, 124-
125, YEMLUR MAIN ROAD, YEMLUR, P.O., OFF AIRPORT
ROAD, BANGALORE 560 037 Karnataka India

(72)Name of Inventor :

1)MURUGESAN, SHANMUGASUNDARAM

(57) Abstract :

The present invention provides a method and apparatus for computing fuel consumed by an engine of a vehicle. In one embodiment, a method includes obtaining vehicle parameters from an engine control unit via an OBD II port and computing instantaneous mass ratio of air to fuel delivered to an engine of the vehicle. The method also includes computing amount of fuel consumed by the engine of the vehicle using the vehicle parameters and the instantaneous mass ratio and sending data associated with amount of fuel consumed, the vehicle parameters, and instantaneous mass ratio to a backend server. Moreover, the method includes computing vehicular carbon emissions based on the amount of fuel consumed by the engine of the vehicle.

No. of Pages : 32 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4629/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :28/12/2011

(43) Publication Date : 01/11/2013

(54) Title of the invention : PORTABLE MAGNETIC STIMULATOR WITH STACKED COILS AND INDEPENDENT DRIVERS

(51) International classification	:H02K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CHRISTIAN MEDICAL COLLEGE VELLORE
(32) Priority Date	:NA	ASSOCIATION
(33) Name of priority country	:NA	Address of Applicant :CHRISTIAN MEDICAL COLLEGE,
(86) International Application No	:NA	IDA SCUDDER ROAD, VELLORE 632 004 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SYRPAILYNE WANKHAR
(61) Patent of Addition to Application Number	:NA	2)SURESH ROLAND DEVASAHAYAM
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Magnetic stimulators have been used for transcranial and peripheral stimulation to activate nerves for diagnostic, therapeutic and research purposes. Stimulation is achieved by controlling a large current in a coil to produce a rapidly changing magnetic field at the nerve of interest. Existing stimulators use a large power supply and large control electronics. Our invention uses multiple stacked coils which are driven by independent but synchronized electronic circuits which distributes the current so that only a fraction of the required current flows through any given circuit element. Our invention takes into account the interaction between the magnetic coils and gives an overall additive effect of the magnetic field. The coils can be arranged in several different geometries depending on the location and shape of the nerves to be stimulated. Our invention also provides a stimulation waveform that is optimized for controlled nerve stimulation.

No. of Pages : 13 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5355/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD AND APPARATUS FOR STATE/MODE TRANSITIONING

(51) International classification	:H04W76/06
(31) Priority Document No	:61/263,822
(32) Priority Date	:23/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/068063
Filing Date	:23/11/2010
(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)Research In Motion Limited
Address of Applicant :295 Phillip Street Waterloo Ontario
N2L 3W8 Canada. Canada
(72)**Name of Inventor :**
1)DWYER Johanna Lisa
2)CARPENTER Paul Marcus

(57) Abstract :

A user equipment implements a method of processing indication messages, such as SCRI (signalling connection release indication) messages. The user equipment (UE) maintains a count of how many indication messages with a cause set have been sent by the UE while in at least one radio resource control (RRC) state. Various conditions are provided for resetting the count. These include receiving packet switched (PS) data by the UE and transmitting packet switched (PS) data.

No. of Pages : 147 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1687/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : RAISED PAVEMENT MARKER

(51) International classification	:E01F 15/00	(71) Name of Applicant : 1)3M INNOVATIVE PROPERTIES COMPANY
(31) Priority Document No	:NA	Address of Applicant :3M CENTER, P O BOX 33427, SAINT
(32) Priority Date	:NA	PAUL MN 55133-3427 U.S.A.
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)NAQVI, TAHIR
Filing Date	:NA	2)ANIKET
(87) 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 raised pavement marker is constructed with a hollow housing having a top wall, a set of opposed side walls downwardly inclined from the top wall and an inner shell formed at the bottom of the housing. An insert having a top surface is constructed to align with the housing. The bottom surface of the insert is provided with a honeycomb structure to have better contact with the road surface. The insert is constructed such that plurality of shanks with notches is formed to extend downward from the bottom face of the insert, to provide additional shear strength and improved orientation of the marker on the road. The side walls are arranged to receive retroreflective lenses to get positioned externally on to the marker side walls. The housing is formed of an impact resistant material to withstand high impact forces by the vehicles passing on the highway.

No. of Pages : 19 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3020/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :01/12/2008

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD FOR OPTIMIZING CONTROL TRAFFIC AT INCOMING ROUTER IN 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 :

1)SAMSUNG INDIA SOFTWARE OPERATIONS PVT. LTD.

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BYRASANDRA, BANGALORE- 560093, Karnataka India

(72)Name of Inventor :

1)PAVAN KUMAR KRISHNAMURTHY BHAT

2)SANTOSH PALLAGATTI KOTRABASAPPA

(57) Abstract :

Disclosed is a method for optimizing control traffic at an incoming router in a network. The network includes a plurality of routers. The method includes performing adjacency evaluation of a neighbouring router of the plurality of router for determining whether the neighbouring router is capable of developing adjacency with the incoming router. Further, the method includes transmitting a first data to the neighbouring router and receiving a second data from the neighbouring router upon transmitting the first data. Moreover, the method includes comparing the first data with the second data and identifying the incoming router as one of a Master router and a Slave router based on the comparison. Upon identifying the incoming router as one of the Master router and the Slave router, the control traffic at the incoming router is optimized. Also disclosed is an incoming router capable of optimizing control traffic.

No. of Pages : 47 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3021/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :01/12/2008

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD AND SYSTEM FOR OPTIMIZING ACCESS CONNECTIONS AND BROWSING SPEED IN A WIRELESS ELECTRONIC DEVIC

(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 PVT. LTD.

Address of Applicant :BAGMANE LAKEVIEW, BLOCK 'B',
NO. 66/1, BAGMANE TECH PARK, C.V. RAMAN NAGAR,
BYRASANDRA, BANGALORE- 560093, Karnataka India

(72)Name of Inventor :

1)VADHRI VENKATA RATNAM

(57) Abstract :

A method and a system for optimizing access connections and browsing speed in a wireless electronic device includes Initiating two protocol data packet connections and splitting a data for uploading the data on a server. The method also includes, uploading the split data through the two protocol data packet connections simultaneously. A method for optimizing access connections and browsing speed in a wireless electronic device includes initiating two protocol data packet connections and downloading a split data through the two protocol data packet connections simultaneously from a server. The method also includes merging the split data. Further, the method includes, rendering the data to a user of the wireless electronic device. The system includes a bandwidth manager for managing bandwidth based on a splitting process and a protocol manager for initiating two protocol data packet connections. Further, the system includes a splitting unit and a merging unit.

No. of Pages : 19 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5352/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITION

(51) International classification	:C12N15/09	(71)Name of Applicant :
(31) Priority Document No	:2009-265390	1)TOKYO METROPOLITAN INSTITUTE OF MEDICAL SCIENCE
(32) Priority Date	:20/11/2009	Address of Applicant :1-6 Kamikitazawa 2-chome Setagaya-
(33) Name of priority country	:Japan	ku-Tokyo 156-8506 Japan
(86) International Application No	:PCT/JP2010/070713	(72)Name of Inventor :
Filing Date	:19/11/2010	1)SHIBASAKI Futoshi
(87) International Publication No	: NA	2)SAKURAI Akira
(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 provide infection inhibitor products for an influenza virus. More specifically an inhibitory substance that inhibits the activity of an RR sequence to permit a molecule of which it forms a part to be introduced into cells such as an antibody that recognizes a peptide having an amino acid sequence RERRRKKR (SEQ ID NO.1) is formulated as a pharmaceutical composition and an infection inhibitor products for an influenza virus containing the pharmaceutical composition is manufactured.

No. of Pages : 28 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5356/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : STATE OR MODE TRANSITION TRIGGERING BASED ON SRI MESSAGE TRANSMISSION

(51) International classification :H04W76/06

(31) Priority Document No :61/263,818

(32) Priority Date :23/11/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/EP2010/064860

Filing Date :05/10/2010

(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)Research In Motion Limited

Address of Applicant :295 Phillip Street Waterloo Ontario
N2L 3W8 Canada.

(72)Name of Inventor :

1)DWYER Johanna Lisa

2)CARPENTER Paul Marcus

(57) Abstract :

A user equipment UE implements a method of processing (generating) indication messages such as SCRI (signalling connection release indication) messages (in order to trigger a transition between states like e.g. Cell-PCH URA-PCH or Cell-Fach). If upper layers indicate that there is no more packet switched data for a prolonged period (e.g. no data exchange between the UE and the network for a certain period usually estimated using an inhibit timer) then if a count of how many indication messages (i.e. SCRI message) have been triggered (i.e. transmitted) in at least one RRC (radio resource control) state is less than a maximum number the UE increments the count a cause is set in the indication message (i.e. UE Requested PS data session end) and the indication message (i.e. the SCRI) is sent.

No. of Pages : 145 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5357/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD AND APPARATUS FOR STATE/MODE TRANSITIONING

(51) International classification :H04W76/04

(31) Priority Document No :61/263,823

(32) Priority Date :23/11/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/EP2010/064859

Filing Date :05/10/2010

(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)Research In Motion Limited

Address of Applicant :295 Phillip Street Waterloo Ontario
N2L 3W8 Canada.

(72)Name of Inventor :

1)DWYER Johanna Lisa

2)CARPENTER Paul Marcus

(57) Abstract :

A user equipment implements a method of processing indication messages such as SCRI signalling connection release indication messages. For at least one RRC radio resource control state if the current RRC state of the UE is a result of a previously sent indication the UE inhibits itself from sending a further indication message.

No. of Pages : 145 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5358/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : INTERGRATED TOUCH SCREEN FOR INTERFEROMETRIC MODULATOR DISPLAY

(51) International classification :G02B26/00

(31) Priority Document No :12/645,379

(32) Priority Date :22/12/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/060584

Filing Date :15/12/2010

(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)NATARAJAN Bangalore R.

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6)GRIFFITHS Jonathan Charles

(57) Abstract :

An interferometric modulator (IMOD) display utilizes ambient light and incorporates touch sensing without reducing the amount of ambient light that reaches the MEMS modulators and without introducing any optical distortion or loss of performance. Electrodes for touch sensing are located at a back glass of the inteferometric display and are used in conjunction with electrodes whose primary function is to activate the pixels of the MEMS display in order to sense a touch. The touch deflects the IMOD layers and is sensed through the various display layers at the rear of the display.

No. of Pages : 38 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5359/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : DEVICE METHOD AND GRAPHICAL USER INTERFACE FOR LOCATION-BASED DATA COLLECTION

(51) International classification	:G06F17/24
(31) Priority Document No	:12/639,671
(32) Priority Date	:16/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/060264
Filing Date	:14/12/2010
(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)Apple Inc.

Address of Applicant :1 Infinite Loop Cupertino California 95014. U.S.A.

(72)Name of Inventor :

1)BERGER Peter Glen

2)YIP Yik Shing

3)LEHRIAN Matthew Ross

4)COBLENZ Michael Jeremy

(57) Abstract :

Automated population of location-based data and formulae into electronic documents is disclosed. In one embodiment in response to detecting a user selection of a first data population control first location-based data is populated in an electronic document wherein the first location-based data includes data obtained from a location-data source. After the first location-based data is populated in the electronic document in response to detecting a user selection of a second data population control second location-based data and one or more formulae are populated in the electronic document wherein the second location-based data includes data obtained from the location-data source and wherein the one or more formulae are configured for performing calculations upon the first and second location-based data.

No. of Pages : 84 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5360/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : TREATING CRITICALLY ILL PATIENTS WITH INTRAVENOUS IBUPROFEN

(51) International classification :A61K31/425

(31) Priority Document No :12/646499

(32) Priority Date :23/12/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/061859

Filing Date :22/12/2010

(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 :2525 West End Avenue Suite 950
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(72)Name of Inventor :

1)Leo Pavliv

2)Amy Dix Rock

(57) Abstract :

Methods of treating at least one condition chosen from pain inflammation and fever in a critically ill patient in need thereof comprising administering to the critically ill patient an intravenous pharmaceutical composition comprising ibuprofen using a first dosage regimen wherein the first dosage regimen produces a first pharmacokinetic profile in critically ill patients that is about equivalent to a second pharmacokinetic profile produced by administration of the intravenous pharmaceutical composition using a second dosage regimen of ibuprofen to non-critically ill patients wherein the at least one condition of the critically ill patient is thereby treated.

No. of Pages : 29 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3015/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :01/12/2008

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD AND SYSTEM FOR OPTIMIZING MEASUREMENT REPORTING MECHANISM IN A LAYERED PROTOCOL WIRELESS NETWORK'

(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)VINAY KUMAR SHRIVASTAVA
2)AKHIL MADAN PANCHABHAI
3)KUNDAN KUMAR LUCKY

(57) Abstract :

A method and a system for optimizing a measurement reporting mechanism in a wireless network includes receiving a measurement report message from a radio resource control layer and storing the measurement report message on the radio link control layer. The method also includes checking for invalid measurement report message by the radio resource control layer. Further, the method includes indicating the radio link control layer to discard invalid measurement report message and discarding the measurement report message based on the indication. A method for optimizing a measurement reporting mechanism in a wireless network includes a radio resource control layer comprising a measurement report generation unit for generating the measurement report message and a buffer for storing the measurement report messages. The method also includes a measurement report message optimization unit for checking for invalid measurement report message and indicating the radio link control layer to discard invalid measurement report message.

No. of Pages : 21 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3696/CHE/2011 A

(19) INDIA

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

(43) Publication Date : 01/11/2013

(54) Title of the invention : HAND HOLD FOR A MOTORCYCLE

(51) International classification	:B62K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :JAYALAKSHMI ESTATES• 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)RAVIKUMAR GOKABALU
(61) Patent of Addition to Application Number	:NA	2)CHEZHIAN NATARAJAN
Filing Date	:NA	3)MISHU BATRA
(62) Divisional to Application Number	:NA	4)DEBRUP SANYAL
Filing Date	:NA	

(57) Abstract :

An improved hand hold for a motorcycle is provided comprising of at least two side members connected by a connecting member, the hand hold having an integrated lock mechanism and is mounted to the motorcycle frame through integrated mounting lugs and a bracket. The present invention allows a pillion rider to hold onto the side members freely and firmly and allows a rider to carry along useful articles by securing them to the said hand hold on the motorcycle.

No. of Pages : 22 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5363/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : DYNAMIC NUCLEAR POLARIZATION APPARATUS

(51) International classification :G01R33/28
(31) Priority Document No :09180995.4
(32) Priority Date :30/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2010/056092
Filing Date :28/12/2010
(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)WIRTZ Daniel

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4)KEUPP Jochen

5)EGGERS Holger

6)DAVID Bernd

7)OVERWEG Johannes Adrianus

8)ECKART Rainer

(57) Abstract :

The invention relates to a dynamic nuclear polarization apparatus (116) for continuous provision of hyperpolarized samples (114) comprising dynamically nuclear polarized nuclear spins the apparatus (116) comprising a polarization region (106) for polarization of said nuclear spins resulting in said hyperpolarized samples wherein the apparatus (116) further comprises: - a cryostat (102) for cooling the samples (114) in the polarization region (106) - a magnet (100) for providing a magnetic field to the cooled samples in the polarization region (106) - a radiation source (112) for concurrently to the magnetic field provision providing a nuclear polarizing radiation to the polarization region (106) for receiving the hyperpolarized samples - a sample transport system (104) for continuously receiving unpolarized samples (114) transporting the unpolarized samples to the polarization region (106) for nuclear spin polarization and providing the resulting hyperpolarized samples (114).

No. of Pages : 24 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5364/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : DUAL-LOOP TRANSMIT NOISE CANCELLATION

(51) International classification	:H04B1/52
(31) Priority Document No	:12/649,754
(32) Priority Date	:30/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/062233
Filing Date	:28/12/2010
(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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U.S.A.
(72)**Name of Inventor :**
1)BALLANTYNE Gary John

(57) Abstract :

A transmitter circuit is described. The transmitter circuit includes a first local oscillator that generates a first frequency equal to a duplex frequency. The transmitter circuit also includes a second local oscillator that generates a second frequency equal to a receive frequency. The transmitter circuit further includes a first mixer that combines the first frequency with a first input signal. The transmitter circuit also includes a first feedback loop. The first feedback loop includes a second mixer that combines the second frequency with a transmit signal and a first filter and a first adder that combines an output of the first mixer with an output of the first filter. The transmitter circuit also includes a third local oscillator that generates a third frequency equal to the receive frequency. The transmitter circuit further includes a third mixer that combines the third frequency with an output of the first adder.

No. of Pages : 42 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1410/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :09/04/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : FORMALDEHYDE-FREE ENVIRONMENT FRIENDLY FURANIC ADHESIVES AND BIO BASED COMPOSITES FROM NATURAL FIBERS BONDED THEREWITH

(51) International classification	:C08L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VISHWANATHAN RAMAKRISHNAN
(32) Priority Date	:NA	Address of Applicant :587, 37TH MAIN, IDEAL HOMES,
(33) Name of priority country	:NA	COLONY, RAJAJESHWARI NAGAR, BANGALORE - 560 098
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)VISHWANATHAN RAMAKRISHNAN
(61) Patent of Addition to Application Number	:NA	2)JOSEPH GEORGE
Filing Date	:NA	3)SHANTHALA SREERAMULU
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed herein is a formaldehyde-free, environment friendly, biobased resin adhesive from furfuraldehyde and furfuryl alcohol for bonding natural fibrous materials such as wood, bamboo, bagasse, jute stem, cotton stalks, jowar stalks, coconut husk/fibre, rice husk, and the like, and biocomposites so produced. A process for preparation of furanic resin adhesives from furfuraldehyde and furfuryl alcohol is also disclosed.

No. of Pages : 13 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1411/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :09/04/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : FORMALDEHYDE-FREE, ENVIRONMENT FRIENDLY, BIO-BASED ADHESIVE FROM NATURAL CONDENSED TANNINS

(51) International classification	:C09J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VISHWANATHAN RAMAKRISHNAN
(32) Priority Date	:NA	Address of Applicant :587, 37TH MAIN, IDEAL HOMES
(33) Name of priority country	:NA	COLONY, RAJAJESHWARI NAGAR, BANGALORE - 560 098
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)VISHWANATHAN RAMAKRISHNAN
(61) Patent of Addition to Application Number	:NA	2)JOSEPH GEORGE
Filing Date	:NA	3)SHANTHALA SREERAMULU
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed herein is an environment friendly formaldehyde-free, bio- based condensed tannin residol furfuraldehyde condensate resin adhesive suitable for bonding lignocellulosic materials including fibrous plant materials such as wood, bamboo, bagasse, jowar stalks, coconut husk, and the like, and process for preparation thereof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5381/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : SINGLE PASS INKJET PRINTING METHOD

(51) International classification	:B41M7/00
(31) Priority Document No	:09180074.8
(32) Priority Date	:21/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/070180
Filing Date	:20/12/2010
(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)DE MEUTTER Stefaan
2)BRACKE Peter
3)TILEMANS David
4)VAN GARSSE Joris
5)VAN DYCK Geert

(57) Abstract :

A single pass inkjet printing method including the steps of: a) providing a radiation curable inkjet ink set containing at least a first and a second radiation curable inkjet ink having a dynamic surface tension of no more than 30 mN/m measured by maximum bubble pressure tensiometry at a surface age of 50 ms and at 25°C; b) jetting a first radiation curable inkjet ink on an ink-jet ink-receiver moving at a printing speed of at least 35 m/min.; c) at least partially curing the first inkjet ink on the ink receiver within the range of 40 to 500 ms after the first inkjet ink landed on the ink receiver; d) jetting a second radiation curable inkjet ink on the at least partially cured first inkjet ink; and e) at least partially curing the second inkjet ink within the range of 40 to 500 ms after the second inkjet ink landed on the first inkjet ink. A single pass inkjet printer is also disclosed.

No. of Pages : 42 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5382/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : ETHERAMINES AND THEIR USE AS INTERMEDIATES FOR POLYMER SYNTHESIS

(51) International classification :C07C213/00

(31) Priority Document No :61/289,155

(32) Priority Date :22/12/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/061591

Filing Date :21/12/2010

(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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3)RENNER Martin J.

4)BURTON Bruce L.

5)DARRAGAS Katty

(57) Abstract :

The present invention relates to an etheramine mixture containing a monoether diamine and its method of production by alkoxylating an initiator with an alkylene oxide to produce a precursor polyol and reductively aminating the precursor polyol to form the etheramine mixture. The etheramine mixture may be used in variety of applications including as a curing agent for an epoxy resin or as a reactant in the production of polyurea.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5383/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : ANTIBODY FORMULATION

(51) International classification :A61K39/395

(31) Priority Document No :61/288,535

(32) Priority Date :21/12/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/061347
Filing Date :20/12/2010

(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)GOKARN Yatin R.

3)KAMERZELL Timothy J.

4)LI Megan

5)LIU Hong

(57) Abstract :

The invention provides a stable aqueous pharmaceutical formulation comprising a therapeutically effective amount of an antibody optionally not subjected to prior lyophilization a buffer maintaining the Ph in the range from about 4.0 to about 6.0 and an optional surfactant methods for making such a formulation and methods of using such a formulation

No. of Pages : 82 No. of Claims : 70

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5384/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : MODIFIED POLYMER COMPOSITIONS

(51) International classification	:C08F4/48
(31) Priority Document No	:61/288,697
(32) Priority Date	:21/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/007805
Filing Date	:20/12/2010
(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)THIELE Sven
2)RULHOFF Sascha
3)KNOLL Susanne

(57) Abstract :

The invention provides a first composition comprising at least the following i) a modified polymer comprising at least one branched modified polymer macromolecule (b1) and at least one linear modified polymer macromolecule (a1) and wherein the at least one branched modified polymer macromolecule and the at least one linear modified polymer macromolecule each independently comprises at least one amine group selected from the group consisting of formulas (1A-1F) each as described above; and combinations thereof; and wherein the at least one branched modified polymer macromolecule further comprises one of the structures (ib1 ib4) as described above and the at least one linear modified polymer macromolecule further comprises one of the structures (iib1) as described above (see Formula 3A).

No. of Pages : 108 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5385/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD FOR PRODUCING ALUMINUM STRUCTURAL BODY AND ALUMINUM STRUCTURAL BODY

(51) International classification	:C22C1/08	(71)Name of Applicant :
(31) Priority Document No	:2010-098335	1)SUMITOMO ELECTRIC INDUSTRIES LTD.
(32) Priority Date	:22/04/2010	Address of Applicant :5-33 Kitahama 4-chome Chuo-ku
(33) Name of priority country	:Japan	Osaka-shi Osaka 541-0041 JAPAN
(86) International Application No	:PCT/JP2011/058782	(72)Name of Inventor :
Filing Date	:07/04/2011	1)HOSOE Akihisa
(87) International Publication No	: NA	2)INAZAWA Shinji
(61) Patent of Addition to Application	:NA	3)MAJIMA Masatoshi
Number	:NA	4)NITTA Koji
Filing Date	:NA	5)SAKAI Shoichiro
(62) Divisional to Application Number	:NA	6)AWAZU Tomoyuki
Filing Date	:NA	7)OKUNO Kazuki

(57) Abstract :

There is provided a method for producing an aluminum structural body including an electrical conduction treatment of forming an electrically conductive layer made of aluminum on a surface of a resin molded body and a plating process of plating the resin molded body subjected to the electrical conduction treatment with aluminum in a molten salt bath. Even with a porous resin molded body having a three-dimensional network structure the method allows the surface of the porous resin molded body to be plated with aluminum thus forming a high-purity aluminum structural body having a uniform thick film. Porous aluminum having a large area is also provided.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5386/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : LOAD DETECTION DEVICE MOUNTING STRUCTURE

(51) International classification :B60N2/44
(31) Priority Document No :2009-288660
(32) Priority Date :21/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/072471
Filing Date :14/12/2010
(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 :
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2)Koichi NAKAYAMA
3)Hiromi KONDO
4)Kazuya TANAKA

(57) Abstract :

The load detection device mounting structure for preventing a wire disconnection is structured with a film shaped load detection device (8) having a detecting portions (A through D) brought into contact with a seating-side outer surface of the pad member (10), an external output portion (33) and conducting portions (24, 26, 28, 30, 48) conducting between two of the detecting portions (A, B, C, D) and between the detecting portions (A through D) and the external output portion (33). The film shaped load detection device (8) is mounted to the vehicle seat (2) by inserting a bent portion (28a, 48a) formed by the conducting portion (28, 48) being bent into the recessed groove (14) between a seating-side outer surface of the pad member (10) having a recessed groove (14) and a surface skin member (12) in a manner of crossing over the recessed groove (14). Sliding portions (41) are provided at inner side surfaces (14a) of the groove (14), which back surfaces of the bent portion (28a, 48a) is brought into slidable contact with, and a penetrating bore (43, 51, 53, 54) is formed from the recessed groove (14) at the inserting portion of the pad member (10) for inserting the bent portion (28a, 48a). Accordingly, the bent portion (28a, 48a) is freely movable within the penetrating bore (43, 51, 53, 54) in an upper/lower direction by a sliding movement between the bent portion (28a, 48a) and the sliding portions (41) when the pad member (10) is compressed to deform by the seating load.

No. of Pages : 34 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5387/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD FOR PRODUCING ALUMINUM STRUCTURAL BODY AND ALUMINUM STRUCTURAL BODY

(51) International classification	:C25D5/56
(31) Priority Document No	:2010-098334
(32) Priority Date	:22/04/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/058781
Filing Date	:07/04/2011
(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

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8)INAZAWA Shinji

9)KIMURA Kotaro

10)AWAZU Tomoyuki

(57) Abstract :

A porous resin article having a three-dimensional network structure is used. A resin molded body at least the surface of which has been subjected to conductive treatment is plated with aluminum in a molten salt bath to form an aluminum structural body thus forming a porous aluminum that includes an aluminum layer having a thickness in the range of 1 to 100 m has an aluminum purity of 98.0% or more and a carbon content of 1.0% or more and 2% or less and contains inevitable impurities as the balance. Even with a porous resin molded body having a three-dimensional network structure this allows the surface of the porous resin molded body to be plated with aluminum thus forming a high-purity aluminum structural body having a uniform thick film.

No. of Pages : 38 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5388/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD AND SYSTEM FOR SELECTING CANDIDATE NEIGHBORING CELLS

(51) International classification :H04W16/10
(31) Priority Document No :201010207606.4
(32) Priority Date :13/06/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2011/073537
Filing Date :29/04/2011
(87) International Publication No : NA
(61) Patent of Addition to Application :NA
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)Xiaowei CHEN
2)Lei SU
3)Wanbin QIU
4)Dongmei HE
5)Hao ZHENG

(57) Abstract :

Disclosed is a method and system for selecting a candidate neighbor cell in the present invention. The method includes: determining a candidate cell set of a serving cell; acquiring a base station closest to the serving cell from the candidate cell set, and adding all the cells under the base station into a neighbor cell set; deleting a cell sheltered by the base station and cells included in the neighbor cell set from the candidate cell set; judging whether the candidate cell set is empty; if not, then returning to the step of acquiring a base station closest to the serving cell; and if yes, then taking cells in the neighbor cell set as a first layer of neighbor cells of the serving cell. By way of the present invention, the efficiency and accuracy of neighbor cell planning can be improved, thereby saving neighbor cell resources and improving the self-adaptability of the candidate neighbor cell.

No. of Pages : 22 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2324/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :12/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : PROCESS AND APPARATUS FOR SIMULATED COUNTER-CURRENT CHROMATOGRAPHIC SEPARATION USING TWO ADSORBERS IN PARALLEL FOR OPTIMIZED PARA-XYLENE PRODUCTION

(51) International classification	:B01D	(71)Name of Applicant :
(31) Priority Document No	:11/01.855	1)IFP ENERGIES NOUVELLES
(32) Priority Date	:16/06/2011	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	1)LEFLAIVE, PHILIBERT
(87) International Publication No	: NA	2)LEINEKUGEL LE COCQ, DAMIEN
(61) Patent of Addition to Application Number	:NA	3)HOTIER, GERARD
Filing Date	:NA	4)WOLFF, LUC
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention describes a novel configuration for simulated moving bed separation processes characterized by using two adsorbers each containing 12 beds, these two adsorbers functioning in parallel. This novel configuration can be used to optimize para-xylene production.

No. of Pages : 35 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3143/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :28/12/2007

(43) Publication Date : 01/11/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR CONNECTING HETEROGENEOUS NETWORKS

(51) International classification	:H04M	(71)Name of Applicant :
(31) Priority Document No	:11/648,400	1)AVAYA TECHNOLOGY CORP
(32) Priority Date	:29/12/2006	Address of Applicant :211 MOUNT AIRY ROAD,BASKING
(33) Name of priority country	:U.S.A.	RIDGE,NEW JERSEY 07920 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)TUCKER,DOUGLAS
(87) 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 comprises systems and methods for controlling a connection between and IT infrastructure and a telephony network. In one embodiment, the present invention allows such control through the use of application services adapted for use with a telephony network, a telephony application server that exposes the telephony network to the application services, and a service mediation platform controlling the interaction between the application services and the telephony application server. The service mediation server may comprise a user profile manager for handling the user profiles of a subscriber database, a service level agreement manager for invoking a set of application services, and a resource policy enforcement manager for managing the resources of the telephony network.

No. of Pages : 21 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5427/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : CLUSTER-SPECIFIC REFERENCE SIGNALS FOR COMMUNICATION SYSTEMS WITH MULTIPLE TRANSMISSION POINTS

(51) International classification	:H04W72/04
(31) Priority Document No	:61/289,885
(32) Priority Date	:23/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/062056
Filing Date	:23/12/2010
(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.
U.S.A.

(72)Name of Inventor :

1)RAJIH Myriam

2)BRUECK Stefan

3)DEKORSY Armin

(57) Abstract :

Aspects of the present disclosure provide methods and apparatuses for transmitting-from all cells belonging to a cluster (e.g. for Joint Processing/Transmission (JP/T) Coordinated Multipoint (CoMP) also referred to as network MIMO (Multiple Input/Multiple Output))-reference signals (RSs) for channel state information (CSI) feedback to user equipment (UE) at the same time and frequency resources. In this manner data is precluded from interfering with the CSI feedback scheme. Consequently data need not be determined to reliably estimate the channel(s).

No. of Pages : 36 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5428/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : NEW TERTIARY 8-HYDROXYQUINOLINE-7-CARBOXAMIDE DERIVATIVES AND USES THEREOF

(51) International classification :C07D215/48

(31) Priority Document No :09180902.0

(32) Priority Date :29/12/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/070790

Filing Date :28/12/2010

(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)POLICHEM SA

Address of Applicant :50 Val Fleuri L-1526 Luxembourg

(72)Name of Inventor :

1)Stefania GAGLIARDI

2)Simone DEL SORDO

3)Federico MAILLAND

4)Michela LEGORA

(57) Abstract :

New tertiary 8-hydroxyquinoline-7 -carboxamide derivatives of general formula (I) and pharmaceutically acceptable salts thereof are disclosed. These compounds are useful as antifungal agents. Specifically, these compounds were tested against Tricophyton Rubrum, Tricophyton Mentagrophytes, Aspergillus Niger and Scopulariopsis Brevicaulis. These compounds are also active against Candida species such as Candida Albicans and Candida Glabrata.

No. of Pages : 66 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5429/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD AND DEVICE FOR FILE TRANSFER PROTOCOL DEADLOCK DETECTION AND SELF RECOVERY

(51) International classification	:H04L12/24
(31) Priority Document No	:200910254305.4
(32) Priority Date	:07/12/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/073194
Filing Date	:25/05/2010
(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)ZTE CORPORATION
Address of Applicant :ZTE Plaza Keji Road South Hi-Tech Industrial Park Nanshan Shenzhen Guangdong 518057 China
(72)**Name of Inventor :**
1)XIE Xingfeng
2)LIU Sujian
3)CHEN Hua
4)ZHU Ping

(57) Abstract :

A method and a device for file transfer protocol (FTP) deadlock detection and self recovery are provided by the disclosure in order to solve the sudden deadlock problem in the FTP upload operation. The method includes: if a daemon determines that a deadlock occurs in an FTP upload task by a heartbeat detection mechanism the socket resources used by the FTP upload operation is recorded at the storage location in a socket resource cycle queue and an FTP upload task end process is started; determining whether the socket resource cycle queue is full if it is not full the socket resource information occupied by the current deadlock is put into the socket resource cycle queue otherwise the earliest socket resources in the socket resource cycle queue are released and the socket resource information occupied by the current deadlock is put into the socket resource cycle queue.

No. of Pages : 23 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1659/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : A TANK FOR STORING AN AQUEOUS SOLUTION

(51) International classification	:B01J	(71)Name of Applicant :
(31) Priority Document No	3/00	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)KISHOR MANDAVA
(62) Divisional to Application Number	:NA	2)CHALLA RAMESH
Filing Date	:NA	3)NANDHAGOPAL K

(57) Abstract :

A tank for storing an aqueous solution in a vehicle is disclosed. The tank comprises an inner shell and an outer shell. The inner shell and outer shell being spaced apart from each other by pluralities of spacers located in between inner shell and outer shell. The space between the inner shell and outer shell is evacuated of air to form a vacuum adapted to prevent heat transfer.

No. of Pages : 8 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1660/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : A ROTARY SOLENOID FOR A SWITCHING VALVE BODY

(51) International classification	:F01L 1/00	(71)Name of Applicant : 1)ROBERT BOSCH ENGINEERING AND BUSINESS SOLUTIONS LIMITED
(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	2)ROBERT BOSCH GMBH
(86) International Application No	:NA	(72)Name of Inventor : 1)MOHANKUMAR KUPPUSAMY
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 current invention concerns a switching valve body (500) used in a exhaust gas treatment unit of a vehicle. The switching valve body comprises an actuation plate (300) in contact with at least one movable valve element (210, 220) such that said at least one movable valve element (210, 220) is adapted to move in a vertical direction to the actuation plate (300) and open/close at least one port (410) located on a valve seating plate (400) for controlling flow of a fluid through the port (410), wherein, a rotary solenoid (100) located on said actuation plate (300) and in contact with the movable valve element (210, 220) controls the movement of the movable valve element (210, 220).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3008/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :01/12/2008

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD AND SYSTEM FOR ENHANCING ROUTING IN MULTIPROTOCOL LABEL SWITCHING (MPLS)

(51) International classification	:H04L12/00
(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)SAMSUNG INDIA SOFTWARE OPERATIONS PVT. LTD.
Address of Applicant :BAGMANE LAKEVIEW, BLOCK 'B',
NO. 66/1, BAGMANE TECH PARK, C.V. RAMAN NAGAR,
BYRASANDRA, BANGALORE-560093 Karnataka India
(72)**Name of Inventor :**
1)ANKIT KANSARA
2)PRIYANKA GUPTA

(57) Abstract :

A method and a system for enhancing routing in MPLS are provided. The method includes obtaining signaling protocol Information from a plurality of routers and storing the signaling protocol information. Further, the method Includes receiving a request from a router. The request includes a destination address, a signaling protocol and one or more other constraints. Further, the method also includes determining a signaling protocol specific constrained based explicit route (SPCER) to the destination router from the signaling protocol information, and providing the SPCER to the router. The system Includes a plurality of routers for sending signaling protocol information, a storage device for storing the signaling protocol information, and a path computation element for receiving a request from a router, determining a SPCER to the destination router from the signaling protocol information and providing the SPCER to the router.

No. of Pages : 18 No. of Claims : 11

(54) Title of the invention : PROCESS FOR PRODUCTION OF WATER-ABSORBING RESIN PARTICLES WATER-ABSORBING RESIN PARTICLES WATER-STOPPING MATERIAL AND ABSORBENT ARTICLE

(51) International classification	:C08F8/00	(71)Name of Applicant :
(31) Priority Document No	:2009-270419	1)SUMITOMO SEIKA CHEMICALS CO. LTD.
(32) Priority Date	:27/11/2009	Address of Applicant :346-1 Miyanishi Harima-cho Kako-
(33) Name of priority country	:Japan	gun Hyogo 6750145 Japan.
(86) International Application No	:PCT/JP2010/070899	(72)Name of Inventor :
Filing Date	:24/11/2010	1)KIKUNO Sachi
(87) International Publication No	: NA	2)HEGURI Atsushi
(61) Patent of Addition to Application	:NA	3)HANDA Masayoshi
Number	:NA	4)MAEDA Nobuhiro
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a method for producing water-absorbing resin particles having high equilibrium swelling capacity a high water-absorption rate or high initial swelling capacity and an appropriate particle size that achieves good handling performance; water-absorbing resin particles obtained by the method; and a water blocking material and an absorbent article which include the water-absorbing resin particles. The present invention is a method for producing water-absorbing resin particles which comprises: preparing a hydrogel polymer by reversed-phase suspension polymerization of a water-soluble ethylenically unsaturated monomer in a hydrocarbon solvent in the absence of an internal crosslinking agent but in the presence of a surfactant with an HLB of 8 to 12; carrying out a post-crosslinking reaction of the hydrogel polymer whose moisture content is adjusted to 30 to 110 mass% based on a water-soluble ethylenically unsaturated monomer component that composes the hydrogel polymer.

No. of Pages : 42 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5430/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : NEW SECONDARY 8-HYDROXYQUINOLINE-7-CARBOXAMIDE DERIVATIVES

(51) International classification :C07D215/48

(31) Priority Document No :09180895.6

(32) Priority Date :29/12/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/070793

Filing Date :28/12/2010

(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)POLICHEM SA

Address of Applicant :50 Val Fleuri L-1526 Luxembourg

(72)Name of Inventor :

1)Stefania GAGLIARDI

2)Simone DEL SORDO

3)Federico MAILLAND

4)Michela LEGORA

(57) Abstract :

The present invention provides new secondary 8-hydroxyquinoline-7-carboxamide derivatives of general formula (I) and pharmaceutically acceptable salts thereof. These compounds are useful as antifungal agents. Specifically these compounds were tested against Tricophyton Rubrum Tricophyton Mentagrophytes Aspergillus Niger and Scopulariopsis Brevicaulis. Many of these compounds are active against Candida species such as Candida Albicans and Candida Glabrata.

No. of Pages : 40 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5431/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : PROCESS FOR RECOVERING MONOALKYLBENZENE

(51) International classification	:C07C7/11
(31) Priority Document No	:09180283.5
(32) Priority Date	:22/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/070330
Filing Date	:21/12/2010
(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)SHELL INTERNATIONALE RESEARCH
MAATSCHAPPIJ B.V.**

Address of Applicant :Carel van Bylandtlaan 30 NL -2596
HR The Hague The Netherlands Netherlands

(72)Name of Inventor :

1)BECKERS Johannes Gerhardus Joseph

(57) Abstract :

The invention relates to a process for recovering monoalkylbenzene from a gas stream comprising oxygen and monoalkylbenzene wherein the gas stream comprising oxygen and monoalkylbenzene is contacted with a liquid stream comprising a naphthalene compound. Further the present invention relates to a process for preparing alkyl phenyl hydroperoxide incorporating said monoalkylbenzene recovery.

No. of Pages : 17 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5432/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : INTERFEROMETRIC PIXEL WITH PATTERNED MECHANICAL LAYER

(51) International classification :G02B26/00

(31) Priority Document No :12/684,769

(32) Priority Date :08/01/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/060864

Filing Date :16/12/2010

(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 MEMS Technologies Inc.

Address of Applicant :5775 Morehouse Drive San Diego
California 92121-1714. U.S.A.

(72)Name of Inventor :

1)TAO Yi

2)ZHONG Fan

3)TUNG Yeh-Jiun

(57) Abstract :

Electromechanical modulators and methods of making the same are disclosed. In one embodiment a display includes a sub-pixel having a membrane layer with a void formed therein. The void can be configured to increase the flexibility of the membrane layer. The sub-pixel can further include an optical mask configured to hide the void from a viewer. In another embodiment a display can include at least two movable reflectors wherein each movable reflector has a different stiffness but each movable reflector has substantially the same effective coefficient of thermal expansion.

No. of Pages : 68 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5433/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR PREEMPTIVE DNS RESOLUTION

(51) International classification :H04L29/12
(31) Priority Document No :12/643,809
(32) Priority Date :21/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/061641
Filing Date :21/12/2010
(87) International Publication No : NA
(61) Patent of Addition to Application :NA
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.
U.S.A.
(72)Name of Inventor :
1)WATSON Mark
2)VICISANO Lorenzo

(57) Abstract :

Disclosed are systems methods and computer program products for preemptive DNS resolution. A DNS proxy is provided for inspecting data packets transmitted to a client device on a first communication link. The proxy identifies one or more host device names embedded in the inspected data packets and resolves IP addresses associated with the embedded host device names. The proxy device transmits the inspected data packets to the client device without alterations on a second communication link. The second communication link has significantly higher propagation latency than the first communication link. The proxy then transmits to the client device independent of the inspected data packets the one or more host device names and the associated resolved IP addresses for use by the client device to establish connections to the host devices identified in the inspected data packet.

No. of Pages : 34 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5434/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD AND APPARATUS FOR STATE/MODE TRANSITIONING

(51) International classification :H04W76/06
(31) Priority Document No :61/263,824
(32) Priority Date :24/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/068065
Filing Date :23/11/2010
(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 :295 Phillip Street Waterloo Ontario
N2L 3W8 Canada.
(72)**Name of Inventor :**
1)DWYER Johanna Lisa
2)CARPENTER Paul Marcus

(57) Abstract :

A user equipment implements a method of processing indication messages such as SCRI (signalling connection release indication) messages. The use equipment (UE) maintains a count of how many indication messages with a cause set have been sent by the UE while in at least one radio resource control (RRC) state. In some cases the count is reset responsive to transmitting signalling by the UE on radio bearer 3 or upward. In some cases the count is reset responsive to entering RRC connected mode.

No. of Pages : 147 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2983/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :27/11/2008

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD AND SYSTEM FOR RENDERING REMINDER NOTIFICATIONS

(51) International classification	:H04L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Samsung India Software Operations Private Limited.
(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 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Girish Kulkarni
(61) Patent of Addition to Application Number	:NA	2)Bela Anand
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and a system for rendering reminder notifications are provided. The method includes associating a content to be triggered with a triggering event information. The method also includes extracting the triggering event information from the content. The system includes an electronic device for setting and playing reminder notifications. The system also includes an association module for associating the content with the triggering event information. Further, the system includes an extraction module for extracting the triggering event information from the content.

No. of Pages : 20 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2984/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :27/11/2008

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD AND SYSTEM FOR SYNCHRONIZING FILES IN PEER TO PEER SYSTEMS

(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 Karnataka India

(72)Name of Inventor :

1)REDDEPPA REDDY L

(57) Abstract :

A method and a system for synchronizing files in peer-to-peer systems are provided. The method includes sending a request for synchronizing a file to a second electronic device, wherein a first electronic device has modified a file. Signatures of blocks of the file present locally are generated at a second electronic device. The signatures of blocks of the file are received from the second electronic device. Further, updates in the file are determined based on the signatures at the first electronic device. Furthermore, blocks corresponding to the updates are transferred to the second electronic device and files are updated at the second electronic device. The system includes a first electronic device for sending a request for file synchronization and updating the file based on a response. The system also includes a second electronic device for generating signatures for blocks of the file and sending the signatures as the response.

No. of Pages : 29 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2985/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :27/11/2008

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD AND SYSTEM FOR ESTABLISHING A COMMUNICATION

(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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5)Chethan TN

6)Syam Sidhatharn

7)Binnu Thomas

8)Jaganath Kanakessary

9)Hathab Shajahan

10)Rohan Viegas

(57) Abstract :

A method and system for rendering preview of a multimedia content in an electronic device includes sending a browse request. Further, the method includes extracting data based on the browse request. Furthermore, the method includes automatically generating a preview associated with the data. In addition, the method includes displaying the preview. Furthermore, the method includes downloading the data, based on the displaying. The system includes a communication interface in electronic communication with one or more electronic devices. Further, the system includes a storage device for storing the multimedia content associated with the one or more electronic devices. Furthermore, the system includes a processor. In addition, the system includes an extracting unit for extracting the multimedia content from the storage device. Further, the system includes a generating unit for generating a preview associated with the multimedia content. Furthermore, the system includes a display unit for displaying the multimedia content.

No. of Pages : 23 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5476/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :22/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : DIELECTRIC BARRIER DISCHARGE LAMP

(51) International classification :H01J61/067

(31) Priority Document No :10150007.2

(32) Priority Date :04/01/2010

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/056043

Filing Date :23/12/2010

(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)STEINMANN Maarten Walter

3)BRAUN Norbert

4)WEYNS Dirk

5)DIELIS Harald

(57) Abstract :

The invention relates to a dielectric barrier discharge lamp and a method for manufacturing such a lamp. An elongated electrode 20 with a dielectric cover 22 is arranged to project into an interior space 18 of an enclosure 16. The electrode 20 is fixed to the enclosure 16 by a pinch seal 28 formed at a first end 26 of the enclosure. A gas filling is provided in the interior space 18 so that a dielectric barrier discharge may be excited within the interior space.

No. of Pages : 17 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3016/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :01/12/2008

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD AND SYSTEM FOR ENHANCING OPERATIONS ASSOCIATED WITH A DOCUMENT VIEWER

(51) International classification	:G06F17/00
(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)SAMSUNG INDIA SOFTWARE OPERATIONS PVT. LTD.

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NO. 66/1, BAGMANE TECH PARK, C.V. RAMAN NAGAR,
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(72)Name of Inventor :

1)ALOK SRIVASTAVA

2)SHATRUGHAN SINGH

3)BHARADWAJ MNS

4)AMITABH RANJAN

5)SUSHANTH BR

(57) Abstract :

A method and system for enhancing operations associated with a common document viewer includes obtaining a document, and parsing the document using its dedicated parser, which is a part of the common parser. Furthermore, the method includes the common parser is capable of parsing documents of different format. In addition, the method includes preparing a common document object model (DOM). Further, the method includes rendering the document to a user. Furthermore, the method Includes performing at least one of: sending a portion of the document selectively, searching the portion of the document selectively, setting an image from the document as wallpaper, appending words from the document to a dictionary and saving or appending the portion of the document as another document selectively, in response to one or more inputs from the user. The system includes a common parser, capable of parsing a document of various formats and preparing a common document object model (DOM) from the document, a rendering unit, and a performing unit.

No. of Pages : 29 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3785/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :04/11/2011

(43) Publication Date : 01/11/2013

(54) Title of the invention : BARCODE BASED VIRTUAL SHOPPING FRAMEWORK SYSTEM AND METHOD

(51) International classification	:G06Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RAVI JAGANNATHAN
(32) Priority Date	:NA	Address of Applicant :#275, KALPATARU, 16TH CROSS,
(33) Name of priority country	:NA	6TH SECTOR, HSR LAYOUT, BANGALORE 560 102
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RAVI JAGANNATHAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A barcode based virtual shopping framework (VSF) system and method for providing enhanced shopping experience to the retail customers. A secured barcode generator engine associated with a virtual shopping framework server creates a virtual two-dimensional barcode including the technical/business information and a unit price with respect to the products and services of a merchant. A virtual shopping framework application configured into an order request transaction device of a customer further scans the two dimensional barcode in order thereby permit the customer to view and place a shopping order with respect to the product/service. The virtual shopping framework application additionally transmits the order request of the customer to the merchant and routes the order through a supply chain of the merchant while being integrated with a payment system/ instrument to charge the customers and pay the Merchants. The system and method therefore securely communicates the shopping order information and payment information by validating the credentials of the customer and the merchant in a virtual shopping environment.

No. of Pages : 23 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3898/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 01/11/2013

(54) Title of the invention : SYNERGISTIC COMPOSITION COMPRISING MYRICETIN AND CAPSAICIN AND USES THEREOF

(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)ITC LIMITED

Address of Applicant :CORPORATE R & D ITC R & D
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BANGALORE - 560 058 Karnataka India

(72)Name of Inventor :

1)VICEKBABU, C.S.

2)FATIMA, HUMAIRA

3)GURUMURTHY, D.S

4)SHARMA, NAVIN KUMAR

(57) Abstract :

The present invention relates a composition comprising Myricetin and Capsaicin or analogs of Myricetin and Capsaicin and/or pharmaceutically acceptable salts thereof, wherein Myricetin and Capsaicin or analogs of Myricetin and Capsaicin are present in a weight ratio between 4:1 and 1:4. The composition is useful for treatment of diabetes, obesity, overweight, cardiovascular diseases and other metabolic disorders. The present invention further relates to a process for preparing the composition.

No. of Pages : 28 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5494/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :22/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : TOROIDAL CONTINUOUSLY VARIABLE TRANSMISSION•

(51) International classification	:F02B39/04
(31) Priority Document No	:0920546.9
(32) Priority Date	:24/11/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/051949
Filing Date	:23/11/2010
(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 :1 Aston Way Leyland Lancashire PR26 7UX United Kingdom
(72)**Name of Inventor :**
1)BURTT David John

(57) Abstract :

A variator has an input shaft (18) an input disc (10) mounted coaxially with the input shaft and rotatable by the input shaft an output disc (12) facing the input shaft (18) and being mounted coaxially with the input disc a toroidal cavity defined between the input and output discs and a plurality of rollers (14 16) located in the toroidal cavity in rolling contact with the input and output discs (10 12) each of the rollers being mounted on a roller carriage (17). The variator has means (34) for applying an end load to the variator to urge the rollers (14 16) into contact with the input and output discs (10 12) and resiliently deformable means for applying a reaction force to each of the roller carriages.

No. of Pages : 42 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5353/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : MULTI-LAYER PIEZOELECTRIC ELEMENT AND INJECTION DEVICE AND FUEL INJECTION SYSTEM USING THE SAME

(51) International classification	:H01L41/083
(31) Priority Document No	:2009-268217
(32) Priority Date	:26/11/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/069203
Filing Date	:28/10/2010
(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)KYOCERA CORPORATION
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Kyoto-shi Kyoto 6128501 Japan
(72)**Name of Inventor :**
1)SATOI Shinsaku
2)INAGAKI Masahiro
3)HANADA Katsuhiko

(57) Abstract :

A multi-layer piezoelectric element includes a stacked body including piezoelectric layers and internal electrode layers, which are alternately stacked; an external electrode layer attached to a side surface of the stacked body, the external electrode layer being elongated in a stacking direction of the stacked body and electrically connected with ends of the internal electrode layers which are exposed on the side surface; and an external electrode plate bonded to the external electrode layer therealong by an electrically conducting bonding material. The external electrode plate is provided with slits which extend from opposite long sides toward a center thereof in such a manner that tips of the respective slits overlap each other when viewed in the stacking direction of the stacked body, and a portion thereof where the tips of the respective slits overlap each other is provided with a hole extending along an extension direction of the slit.

No. of Pages : 69 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5354/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD AND APPARATUS FOR STATE/MODE TRANSITIONING

(51) International classification :H04W76/06

(31) Priority Document No :61/303,224

(32) Priority Date :10/02/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/EP2010/068064

Filing Date :23/11/2010

(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)DWYER Johanna Lisa

2)CARPENTER Paul Marcus

3)YOUNG Gordon Peter

(57) Abstract :

A user equipment implements a method of processing indication messages such as SCRI (signalling connection release indication) messages. The use equipment (UE) maintains a count of how many indication messages with a cause set have been sent by the UE while in at least one radio resource control (RRC) state. The counter is reset responsive to entering idle mode from at least one RRC state.

No. of Pages : 183 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5504/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :22/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : ESTIMATION OF CHANNEL IMPULSE RESPONSE IN A COMMUNICATION RECEIVER

(51) International classification	:H03K9/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IN2009/000744
Filing Date	:29/12/2009
(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)Centre of Excellence in Wireless Technology
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(72)**Name of Inventor :**
1)Sheetal Kalyani
2)Ganesh Venkatraman

(57) Abstract :

Embodiments herein propose to use extreme value theory (EVT) as a diagnostic to decide which taps are significant. In the low SINR scenario, embodiments herein also propose the following options; i) Fix the model order to a finite value smaller than the model order assumed for the initial CIR estimate. In the case of OFDM based systems, the model order of the CIR is fixed to a value much smaller than the cyclic prefix length. ii) Use the EVT based method to detect significant tap locations and only keep those tap locations such that the CIR length is again restricted to a value smaller than the model order of the initial channel estimate.

No. of Pages : 70 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5505/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :22/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : SYSTEM AND METHOD FOR ANALYZING NONSTANDARD FACILITY OPERATIONS WITHIN A DATA CENTER

(51) International classification :G06F17/50
(31) Priority Document No :12/630,035
(32) Priority Date :03/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/058694
Filing Date :02/12/2010
(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)AMERICAN POWER CONVERSION CORPORATION
Address of Applicant :132 Fairgrounds Road West Kingston
RI 02892 United States of America.
(72)**Name of Inventor :**
1)DALGAS Mikkell
2)JENSEN Anders Thorbjørn

(57) Abstract :

A computer implemented method and a data center management appliance for simulating nonstandard operation of an element of a data center is provided. The method includes acts of determining a one data center resource affected by a data center element, selecting a simulator from a plurality of simulators based on the data center resource and the data center element and generating a impact analysis of the nonstandard operation of the data center element using the simulator. The data center management appliance includes a network interface, a memory and a controller coupled to the network interface and the memory. The controller is configured to determine a data center resource affected by a data center element, select a simulator from a plurality of simulators based on the data center resource and the data center element and generate a impact analysis of nonstandard operation of the data center element using the first simulator.

No. of Pages : 45 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1409/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :09/04/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : FORMALDEHYDE-FREE, ENVIRONMENT FRIENDLY BIOBASED ROOM TEMPERATURE HARDENING RESIN ADHESIVE FROM RESIDOL, FURFURALDEHYDE AND A CONDENSED TANNIN

(51) International classification	:C08L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VISHWANATHAN RAMAKRISHNAN
(32) Priority Date	:NA	Address of Applicant :587, 37TH MAIN, IDEAL HOMES,
(33) Name of priority country	:NA	COLONY, RAJAJESHWARI NAGAR, BANGALORE - 560 098
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)VISHWANATHAN RAMAKRISHNAN
(61) Patent of Addition to Application Number	:NA	2)JOSEPH GEORGE
Filing Date	:NA	3)SHANTHALA SREERAMULU
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed herein is a formaldehyde-free environment-friendly biobased resin adhesive from residol, furfuraldehyde and condensed tannin for bonding lignocelulosic materials and a process for preparation of room temperature hardening resin adhesive from residol, furfuraldehyde and condensed tannin.

No. of Pages : 8 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1475/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : COMPOSITION CONTAINING SPECIFIC AMIDES AND ORGANOMODIFIED SILOXANES, SUITABLE FOR PRODUCING POLYURETHANE FOAMS

(51) International classification	:C08G18/00
(31) Priority Document No	:102011007479.1
(32) Priority Date	:15/04/2011
(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 :

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45127 ESSEN Germany

(72)Name of Inventor :

1)GLOS, MARTIN

2)SCHILLER, CARSTEN

3)EILBRACHT, CHRISTIAN

(57) Abstract :

The present invention relates to compositions suitable for producing polyurethane foams which include at least a polyol component, a catalyst catalysing the formation of a urethane or isocyanurate bond, optionally a blowing agent, optionally further additives and optionally an isocyanate component, which are characterized in that they additionally include an admixture including at least one specific amide and at least one siloxane compound, wherein the mass ratio of siloxane compounds to compounds of formula (I) is above 1:10.

No. of Pages : 29 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3036/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :14/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : PURE LUMEFANTRINE

(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

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2)RAWAT, VIJENDRASINGH

3)YERRAMALA, RAJA KRISHNA

4)BONTALAKOTI, JAGAN MOHAN RAO

5)VEMULA, LAKSHMINARAYANA

6)THIRUNAVUKARASU, JAYAPRAKASH

(57) Abstract :

The present invention related to process for preparing pure Lumefantrine. The present invention also provides novel impurities of Lumefantrine.

No. of Pages : 26 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5390/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD AND APPARATUS FOR PROVIDING SHARED SCHEDULING REQUEST RESOURCES

(51) International classification :H04W4/08
(31) Priority Document No :61/290,747
(32) Priority Date :29/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/062051
Filing Date :23/12/2010
(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 U.S.A.
(72)Name of Inventor :
1)HO Sai Yiu Duncan
2)CHEN Wanshi
3)MONTJOJO Juan
4)AGASHE Parag Arun

(57) Abstract :

In accordance with one or more embodiments and corresponding disclosure thereof various aspects are described in connection with providing shared scheduling request (SR) resources to devices for transmitting SRs. Identifiers related to the shared SR resources can be signaled to the devices along with indications of the shared SR resources in given time durations. Thus devices can transmit an SR over shared SR resources related to one or more received identifiers for obtaining an uplink grant. This can decrease delay associated with receiving uplink grants since the device need not wait for dedicated SR resources before transmitting the SR. In addition overhead can be decreased on control channels as compared to signaling dedicated SR resources and/or uplink grants. Moreover identifiers related to SR resources can correspond to a grouping of devices such that a device can transmit over shared SR resources related to a group including the device.

No. of Pages : 51 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5514/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :22/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : ELECTRODE DEVICE USED IN IONTOPHORESIS TREATMENT

(51) International classification :A61N1/04
(31) Priority Document No :2009-290943
(32) Priority Date :22/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/072744
Filing Date :17/12/2010
(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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Kagawa 769-2695 Japan
(72)**Name of Inventor :**
1)HASUI Akihiro

(57) Abstract :

The present invention provides an electrode device used in iontophoresis treatment, in which an electrode layer used for introduction of medication can be contacted to a medication reservoir layer with a simple manner, and in which the medication reservoir layer can be reliably held when the medication is introduced into a skin. A main-electrode layer 3 and a sub-electrode layer 1 are secured on a substrate 6 while both the layers are being insulated from each other. The main-electrode layer 3 is intended for introduction of the medication, and the sub-electrode layer 1 is provided to hold the medication reservoir layer 5 on the substrate 6. The medication reservoir layer 5 is located on the substrate 6, so as to be in contact with the main-electrode layer 3 and the sub-electrode layer 1. The medication reservoir layer 5 is a gel containing halogen compound, and the sub-electrode layer 1 comprises a metal having a lower ionization tendency than hydrogen. The medication reservoir layer 5 and the sub-electrode layer 1 are bonded to each other by applying an electric current to both layers. In this way, the medication reservoir layer 5 can be firmly held on the substrate 6, while being kept in contact with the main-electrode layer 3.

No. of Pages : 29 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2967/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :02/12/2009

(43) Publication Date : 01/11/2013

(54) Title of the invention : A PROCESS AND SYSTEM FOR QUENCHING HEAT, SCRUBBING, CLEANING AND NEUTRALIZING ACIDIC MEDIA PRESENT IN FOSSIL FUEL FIRED FLUE GAS

(51) International classification	:B01D	(71)Name of Applicant :
(31) Priority Document No	:NA	1) SUBRAHMANYAM KUMAR
(32) Priority Date	:NA	Address of Applicant :NO.1, SECOND STREET,
(33) Name of priority country	:NA	PADMANABHA NAGAR, ADYAR, CHENNAI - 600 020.
(86) International Application No	:NA	Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1) SUBRAHMANYAM 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 invention provides a novel process for quenching heat, scrubbing, cleaning and neutralizing the hot and dirty fossil fuel fired flue gas liberated by a fossil fuel fired boiler using the high temperature and high pressure present in fossil fuel fired boiler blow-down comprising the steps of quenching the fossil fuel fired flue gas by evaporating sufficient quantity of water from sea water / scrubbing liquid and mixing vapors thus generated with hot and dirty flue gas; using the high temperature and high pressure present in fossil fuel fired boiler blow-down (waste water) for atomizing/spraying high alkalinity sea water/scrubbing liquid on said flue gas to neutralize the acidic substances in said flue gas.

No. of Pages : 10 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3952/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :18/11/2011

(43) Publication Date : 01/11/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS COMPRISING SITAGLIPTIN AND SIMVASTATIN

(51) International classification

:C07D
487/00

(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

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JUBILEE HILLS, HYDERABAD - 500 034 Arunachal Pradesh
India

(72)Name of Inventor :

1)SUGGALA, AJAY

2)CHORDIYA, JITENDRA

3)SHETIYA, PRAKASH

4)DIXIT, AKHILESH

5)DESHMUKH, ABHIJIT

(57) Abstract :

The invention relates to a single layer monolithic tablet comprising sitagliptin, simvastatin and optionally one or more pharmaceutically acceptable excipient(s), wherein sitagliptin and simvastatin are present in two different physical forms or physically separated within the single layer monolithic tablet to overcome the physicochemical incompatibility and different stability requirements issues with sitagliptin, and simvastatin.

No. of Pages : 27 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5399/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : HYDRAULIC MACHINE WITH OIL DAMS

(51) International classification :F04B1/24
(31) Priority Document No :12/644,488
(32) Priority Date :22/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/057577
Filing Date :22/11/2010
(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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5)DYCK Gerald

(57) Abstract :

A hydraulic machine includes a support structure and a rotating group rotatably mounted relative to the support structure. The rotating group includes a shaft and a cylinder barrel with a plurality of circumferentially spaced cylinder bores. Reciprocal pistons extend from the shaft with each one of the pistons extending into an associated one of the cylinder bores. A joining assembly joins the shaft and the cylinder barrel so that the shaft and the cylinder barrel rotate together. The hydraulic machine further includes at least one oil dam associated with the rotating group and adapted to trap hydraulic fluid used for lubricating portions of the joining assembly. FIG. 1

No. of Pages : 26 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5520/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :22/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR DETERMINING THE LOCATION OF MOBILE DEVICES
INDEPENDENT OF LOCATION FIXING HARDWARE

(51) International classification	:H04W64/00
(31) Priority Document No	:12/651,004
(32) Priority Date	:31/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/061990
Filing Date	:23/12/2010
(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)JACKSON Bruce K.

(57) Abstract :

Implementations relate to systems and methods for determining a location of a mobile device. The mobile device can query other mobile devices within service range for identification information and send the identification information to a remote server for storage therein. The remote server can receive location information from other mobile devices corresponding to the identification information. The mobile device can send a location query to the remote server which can determine or calculate a location of the mobile device based on the identification and/or location information of the other mobile devices. The remote server can provide the location of the mobile device to the mobile device for use in associated mobile applications.

No. of Pages : 56 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5521/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : ANTIPARISITIC DIHYDROAZOLE COMPOUNDS AND COMPOSITIONS COMPRISING SAME

(51) International classification :C07D471/04

(31) Priority Document No :61/287,545

(32) Priority Date :17/12/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/060833

Filing Date :16/12/2010

(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)LEE Hyoung Ik

3)WILKINSON Douglas Edward

4)BECK Brent Christopher

(57) Abstract :

The present invention relates to novel dihydroazole of formula (I) and salts thereof: Wherein R1 A1 A2 G X and Y are as defined in the description compositions thereof processes for their preparation and their uses to prevent or treat parasitic infections or infestations in animals and as pesticides.

No. of Pages : 129 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5361/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHODS AND SYSTEMS FOR ATRIAL FIBRILLATION DETECTION

(51) International classification :A61B5/046

(31) Priority Document No :61/263,115

(32) Priority Date :20/11/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2010/002955

Filing Date :18/11/2010

(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)DZIUBINSKI Marek

(57) Abstract :

Described are computer-based methods and apparatuses including computer program products for automated atrial fibrillation detection. Based on morphology analysis atrial beats are recognized and used for R-R intervals analysis. The invented system creates R-R interval classes and estimates irregularity indicator value (deviation) for each class. The total average R-R intervals deviation for all analyzed atrial beats is calculated by weighted averaging of the irregularity indicator values of all classes where the weight values are equal to the class sizes.

No. of Pages : 19 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5362/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : DYNAMIC ABLATION DEVICE

(51) International classification	:A61B18/12
(31) Priority Document No	:61/290973
(32) Priority Date	:30/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/055995
Filing Date	:21/12/2010
(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)TROVATO Karen I.
3)NAYPAUER Thomas I.
4)VIRMANI Sunny

(57) Abstract :

In an interventional ablation therapy planning system (10) an imaging system (30) generates an image representation of a target volume located in a patient. A segmentation unit (36) segments a planned target volume (42) of the target volume which is to receive the ablation therapy. A planning processor (40) which generates an ablation plan with one or more ablation zones (44 48 50 52) which cover the entire planned target volume (42) with ablation therapy each ablation zone has a predetermined ablation volume the predetermined ablation zone being defined by moving an ablation probe (12) during ablation. A robotic assembly guides or controls the ablation probe (12) along a non-stationary motion path which is defined by a trajectory velocity and/or acceleration and a rotation to apply ablation therapy to the target volume according to the predetermined ablation zone(s).

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5510/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :22/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : INORGANIC BINDER SYSTEM FOR THE PRODUCTION OF CHEMICALLY RESISTANT CONSTRUCTION CHEMISTRY PRODUCTS

(51) International classification	:C04B28/26
(31) Priority Document No	:09177153.5
(32) Priority Date	:26/11/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/063386
Filing Date	:13/09/2010
(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

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2)GEHRIG Uwe
3)DEGENKOLB Mathias
4)RIEDMILLER Joachim

(57) Abstract :

A novel binder system comprising at least one latent hydraulic binder at least one amorphous silica optionally at least one reactive filler and at least one alkali metal silicate is proposed. It was surprisingly found that the binder system according to the invention hardens in the form of a hybrid matrix which is acid-resistant water-resistant and alkali-resistant. The binder system can be used for the production of a hydraulically setting mortar which after setting hardening for seven days and subsequent storage for three days in acid base and/or water has compressive strengths of more than 15 N mm-2 preferably more than 20 N mm-2 and in particular than 25 N mm-2 according to DIN EN 13888.

No. of Pages : 14 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5511/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :22/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : AN APPARATUS FOR RECEIVING A CABLE CONDUCTOR IN A CONTACTING MANNER

(51) International classification	:H01R4/24
(31) Priority Document No	:10 2009 060 521.5
(32) Priority Date	:23/12/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE2010/001505
Filing Date	:22/12/2010
(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)LAPP-HN J¹rgen

(57) Abstract :

The invention relates to a device for receiving at least one cable conductor (300) in a contacting manner, comprising at least two insulation displacement contacts (101, 102) arranged on a support and oriented to receive the at least one cable conductor and a hood element (200; 200) used to receive and guide the at least one cable conductor (300) and to contact the at least one cable conductor with the insulation displacement contacts (101, 102), first locking elements (111, 112) being arranged on the support (50), which first locking elements interact with second locking elements (233, 234) arranged on the hood element (200, 200) in such a way that the hood element (200; 200) can be connected to the support by the locking of the locking elements of the hood element (200; 200) with the first locking elements (101, 102) while electrical contacts of the at least one cable conductor (300) with the insulation displacement terminals (101, 102) are simultaneously established, is characterized in that the cable conductor (300) can be inserted and positioned directly in the hood element (200; 200).

No. of Pages : 13 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5515/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :22/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : HEATER APPARATUS

(51) International classification	:H05B3/00
(31) Priority Document No	:2009-291755
(32) Priority Date	:24/12/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/073327
Filing Date	:24/12/2010
(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)Satoshi MIYAMOTO

(57) Abstract :

The present invention provides a heater apparatus that divides a heater capacity (heater wire), connects the divided heater wire portions each other outside the heater, changes a connection mode outside irrespective of which of a 100 V system or a 200 V system is used as a supply voltage, and can thereby suppress a heater temperature to within a safe range even in a continuous current conduction mode, use a common heater and suppress management cost. Furthermore, since the heater wires are connected each other outside the heat insulating layer for the heater embedded in the heat insulating layer of the refrigerator, the present invention provides a heater apparatus capable of reducing production loss due to misconnections and using a common heater.

No. of Pages : 31 No. of Claims : 7

(54) Title of the invention : CATALYST COMPONENTS FOR THE POLYMERIZATION OF OLEFINS AND CATALYSTS THEREFROM OBTAINED

(51) International classification	:C08F4/654
(31) Priority Document No	:10150413.2
(32) Priority Date	:11/01/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/070033
Filing Date	:17/12/2010
(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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(57) Abstract :

Catalyst component comprising Mg, Ti, and halogen atoms, and is characterized in that (a) the Ti atoms are present in an amount higher than 4% based on the total weight of the said catalyst component, (b) the amount of Mg and Ti atoms is such that the Mg/Ti molar ratio is higher than 2 and (c) by a X-ray diffraction spectrum, in which, in the range of 20 diffraction angles between 47° and 52°, at least two diffraction lines are present at diffraction angles 2θ of $48.3 \pm 0.2^\circ$, and $50.0 \pm 0.2^\circ$, the most intense diffraction lines being the one at 2θ of $50.0 \pm 0.2^\circ$, the intensity of the other diffraction line being equal to or lower than the intensity of the most intense diffraction line.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5517/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :22/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : POLYOLEFIN COMPOSITION FOR MEMBRANES

(51) International classification	:C08L23/08
(31) Priority Document No	:09180427.8
(32) Priority Date	:22/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/069930
Filing Date	:16/12/2010
(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)LUNGHI Luca
2)PRADELLA Fiorella
3)MONTALETTI Ambra
4)COSTANTINI Enrico

(57) Abstract :

Polyolefin composition for membrane suitable for use in waterproofing applications. In particular the present invention relates to a membrane for use in geomembranes for water containment and conveyance pool liners rainstorm and fish pond liners snow lagoons water and industrial reservoirs food related lining etc. Such membrane comprises at least one layer comprising an heterophasic composition of olefin polymers and a specified additives package.

No. of Pages : 21 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5518/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :22/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : MAGNESIUM DICHLORIDE-WATER ADDUCTS AND CATALYST COMPONENTS OBTAINED THEREFROM

(51) International classification	:C08F10/02
(31) Priority Document No	:10150409.0
(32) Priority Date	:11/01/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/070010
Filing Date	:17/12/2010
(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)GADDI Benedetta
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4)COLLINA Gianni
5)FAIT Anna

(57) Abstract :

Solid adducts comprising $MgCl_2$ and water and optionally an organic hydroxy compound (A) selected from hydrocarbon structures containing at least one hydroxy group said compounds being present in molar ratio defined by the following formula $MgCl_2(H_2O)_n(A)_p$ in which n is from 0.6 to 6 p ranges from 0 to 3 said adduct having a porosity (PF) measured by the mercury method and due to pores with radius equal to or lower than $1\mu m$ of at least $0.15\text{ cm}^3/\text{g}$ with the proviso that when p is 0 (PF) is equal to or higher than $0.3\text{ cm}^3/\text{g}$.

No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5519/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :22/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : BINDING/AGGREGATING MULTIPLE INTERFACES AT APPLICATION LAYER

(51) International classification :H04L29/06

(31) Priority Document No :61/288,119

(32) Priority Date :18/12/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/061362

Filing Date :20/12/2010

(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)KIMBALL Robert H.

(57) Abstract :

A bundler utility of a client accomplishes an objective of binding/aggregating two or more network interfaces at an application layer to increase bandwidth that the application layer can use. This interface is determined by the longest prefix match in the routing table of the device. Rather than imposing a change to the IP stack the bundler utility presents a solution to the link aggregation problem that can be deployed without requiring any change to the client software (e.g. no browser change) and without requiring changes on the web servers.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5422/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : COLLOIDAL DISPERSION OF ALUMINIUM OXIDE•

(51) International classification :C09K5/10

(31) Priority Document No :09 05838

(32) Priority Date :03/12/2009

(33) Name of priority country :France

(86) International Application No :PCT/FR2010/000796

Filing Date :30/11/2010

(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)BONNEAU Lionel

3)GETTO Daniel

4)TARDIF François

(57) Abstract :

The invention relates to a heat-transporting fluid and to the use thereof. The heat-transporting fluid of the invention is formed of an aqueous colloidal sol including water and up to 58.8 wt% relative to the total fluid weight in α -Al₂O₃ particles the thickness of which is the smallest dimension and less than or equal to 30 nm. 90% to 95% of said α -Al₂O₃ particles have a size less than or equal to 210 nm among which 50% have a size less than or equal to 160 nm. The invention is of use in the field of cooling in particular nuclear reactor backup cooling.

No. of Pages : 13 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5423/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : CLOSURE PLUG AND OVRSEAL•

(51) International classification	:B65D39/08
(31) Priority Document No	::
(32) Priority Date	:05/12/2003
(33) Name of priority country	:Argentina
(86) International Application No	:PCT/GB2003/005330
Filing Date	:05/12/2003
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:1606/CHENP/2006
Filed on	:10/05/2006

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(57) Abstract :

A closure combination of a closure plug for shipping containers and a tamper evident closure overseal the closure plug (6 45) and the overseal (20 52) having hidden complimentary interlocking snap-fit features (17 49 23 56 24 57) and a frangible portion (26 53a) to permit removal of the overseal from the plug that is visible when the closure plug and the overseal are interlocked; the interlocking snap-fit features may be internal or external of the closure plug but are hidden by the overseal skirt (22 54) and the overseal is destroyed on removal from the closure cap.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5425/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD AND APPARATUS FOR CONTROLLING FORWARD POWER OVERLOAD

(51) International classification :H04W52/14
(31) Priority Document No :200910265589.7
(32) Priority Date :25/12/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/074414
Filing Date :24/06/2010
(87) International Publication No : NA
(61) Patent of Addition to Application :NA
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :

1)LI BIN

(57) Abstract :

The present invention discloses a method and apparatus for controlling forward power overload. In the above method acquire the transmission power of each cell corresponding to the same timestamp; determine the overload level of the transmission power of each cell in each period according to the transmission power of each cell; and as to each cell limit access requests of terminals in the cell after having performed overload control operation for a predetermined number of periods according to the overload level. The technical solution provided according to the present invention can ensure the stability of system performance in the situation that the cell capacity can be improved as much as possible.

No. of Pages : 26 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5426/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : VIRTUAL ANTENNA ARRAY FOR WIRELESS DEVICES

(51) International classification	:H04B7/02
(31) Priority Document No	:61/290,423
(32) Priority Date	:28/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/062224
Filing Date	:28/12/2010
(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)SWANSON Craig R.

(57) Abstract :

A system for wireless communication is disclosed. The system includes a plurality of antenna nodes configured to receive an incoming signal extract versions of an incoming packet from the incoming signal and send the versions on a packet-based network. The system also includes a receive processing node configured to receive the versions of the incoming packet from the antenna nodes determine if any of the versions are complete packets and recover a complete version of the incoming packet based on the versions if none of the versions is complete. The system also includes a transmit processing node configured to transmit an outgoing packet on one or more of the antenna nodes based on quality feedback data.

No. of Pages : 35 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5556/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : STRUCTURE FOR A STORAGE UNIT•

(51) International classification :B65D43/08

(31) Priority Document No :2009905779

(32) Priority Date :26/11/2009

(33) Name of priority country :Australia

(86) International Application No :PCT/AU2010/001592

Filing Date :26/11/2010

(87) International Publication No : NA

(61) Patent of Addition to Application :NA

Number :NA

Filing Date

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)DAVID Albert John

(57) Abstract :

A structure for substantially sealing a storage unit wherein the structure includes an elastically stretchable flange cooperable with a lip provided on a rim of the storage unit wherein the flange is elastically urged to seal against the lip of the storage unit.

No. of Pages : 29 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5437/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :22/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : HYDROGENATION CATALYST PROCESS FOR ITS PRODUCTION AND ITS USE

(51) International classification	:B01J23/78
(31) Priority Document No	:2009-295876
(32) Priority Date	:25/12/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/073414
Filing Date	:24/12/2010
(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)TOSOH CORPORATION
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Yamaguchi 746-8501 Japan.
(72)**Name of Inventor :**
1)Tsuneo Harada
2)Shou Kawabe

(57) Abstract :

To provide a hydrogenation catalyst which does not contain chromium oxide unlike conventional copper/chromium oxide catalysts and therefore does not cause any environmental contamination or health hazard and which shows an activity selectivity and durability at equivalent or higher levels to or than those of conventional copper/chromium oxide catalysts. A hydrogenation catalyst which comprises as the main components (1) copper and (2) at least one member selected from the group consisting of silicon oxide calcium oxide and calcium silicate wherein the content of the copper is from 20 to 60 wt% based on the entire amount of the hydrogenation catalyst and in the calcium silicate the molar ratio of calcium oxide (CaO) to silicon oxide (SiO₂) is less than 1.

No. of Pages : 23 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5438/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :22/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : RESIN SUBSTRATE PROVIDED WITH HARD COATING FILM AND ITS PRODUCTION PROCESS

(51) International classification	:B32B27/30
(31) Priority Document No	:2009-295347
(32) Priority Date	:25/12/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/073025
Filing Date	:21/12/2010
(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)ASAHI GLASS COMPANY LIMITED
Address of Applicant :5-1 Marunouchi 1-chome Chiyoda-ku
Tokyo 100-8405 Japan
(72)**Name of Inventor :**
1)Kyoko Yamamoto
2)Takashi Shibuya
3)Kyon Hun Min

(57) Abstract :

It is to provide a resin substrate provided with a hard coating film having a silicone type hard coating layer provided on a resin substrate via a primer layer having excellent abrasion resistance and also having excellent weather resistance such as weather-resistant adhesion and weather-crack resistance of the hard coating layer and its production process. A resin substrate provided with a hard coating film comprising between a primer layer containing an acrylic polymer as the main component and a hard coating layer containing a cured product of an organopolysiloxane as the main component a middle layer comprising a mixture of components constituting both the layers in such a thickness that when the thickness of the hard coating layer is Ht and the thickness of the middle layer is Mt the ratio in thickness of these layers Mt/Ht is from 0.05 to 1.0.

No. of Pages : 38 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5439/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :22/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : MUCOSAL DELIVERY OF PEPTIDES•

(51) International classification :A61K38/00

(31) Priority Document No :61/264,324

(32) Priority Date :25/11/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/EP2010/068257

Filing Date :25/11/2010

(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)ARISGEN SA

Address of Applicant :14 Chemin des Aulx 1228 Plan-Les-Ouates Switzerland

(72)Name of Inventor :

1)BOTTI PAOLO

2)TCHERTCHIAN SYLVIE

(57) Abstract :

ABSTRACT Compositions and methods are provided for mucosal delivery of peptides. The compositions include a stably hydrated peptide active agent complexed with a crown compound and/or a counter ion solubilized in a non-aqueous hydrophobic vehicle at a pH different from the pI of the peptide active agent. The methods include administering to a subject an effective amount of a composition of the disclosure. Other aspects include methods for the manufacture of the compositions of the disclosure. Also provided are compositions and kits that find use in practicing embodiments of the disclosure. The methods and compositions find use in a variety of applications including the treatment of a variety of different disease conditions.

No. of Pages : 103 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5562/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : ELECTRIC VEHICLE CHARGING STATION AND CHARGE RECEIVING ARRANGEMENT FOR A VEHICLE

(51) International classification	:B60L5/42
(31) Priority Document No	:0920726.7
(32) Priority Date	:26/11/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/051978
Filing Date	:26/11/2010
(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)Sylvan Ascent Inc

Address of Applicant :PO Box 2478 Taos New Mexico-87571 USA .

(72)Name of Inventor :

1)Roger Bedell

(57) Abstract :

A charging station for a vehicle having supports 3 and 4 each of which holds a charging element 5 and 6 which are positioned such that when the bus is in position the charging elements are positioned along the longitudinal axis of the vehicle and can connect with charge receiving members on the vehicle which are similarly spaced along the longitudinal axis of the vehicle.

No. of Pages : 27 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5563/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : PRESS HAVING AT LEAST ONE COLLECTOR WAGON THAT CAN BE COUPLED AND UNCOUPLED

(51) International classification	:B30B9/30
(31) Priority Document No	:10 2009 047 297.5
(32) Priority Date	:30/11/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/068384
Filing Date	:29/11/2010
(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)SIB STRAUTMANN INGENIEURBRO GmbH
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Glandorf Germany
(72)**Name of Inventor :**
1)STRAUTMANN Wolfgang

(57) Abstract :

The press (1) has at least one collector wagon (2) for compressible material (5) to be pressed that can be coupled and uncoupled and that comprises a collector chamber having floors (20) and walls (22, 23, 24), as well as a press chamber (10). When the collector wagon is coupled to the press, the collected compressible material (5) is mechanically transferred from the collector wagon (5) into the press chamber (10), after movement of the floor (20) and use of a feeder device (3). When uncoupled from the press, the collector wagon (2) is filled with compressible material (5) at a location at a distance from the press (1). The feeder device (3) is designed such that the compressible material (5) to be pressed present in the collector wagon (2), after the upward movement of at least the floor (21), is gradually gripped and continuously removed from the collector wagon (2) from above, and fed to the press (1).

No. of Pages : 73 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3742/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :08/12/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : PLACEMENT POSITION MARKING MACHINE FOR MARKING GARMENT PARTS

(51) International classification	:D05B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VIBHU SRIVASTAVA
(32) Priority Date	:NA	Address of Applicant :IIGM PVT LTD., SPRING DALE
(33) Name of priority country	:NA	NO.51, 1ST CROSS, RESIDENCY ROAD, BANGALORE - 560
(86) International Application No	:NA	025 Karnataka India
Filing Date	:NA	2)RAM RAMA SHASTRI
(87) International Publication No	: NA	3)RAVINDRA BHANDIWAD
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VIBHU SRIVASTAVA
(62) Divisional to Application Number	:NA	2)RAM RAMA SHASTRI
Filing Date	:NA	3)RAVINDRA BHANDIWAD

(57) Abstract :

The specification discloses a placement position marking machine for marking garment parts for indicating the exact placement position of buttons/ buttonholes prior to sewing the buttons or making buttonholes. The device marks plurality of buttons or buttonholes simultaneously with the help of pencils or marking pens used for marking garment parts. The device consists of a plurality marking assembly where the pencils are fixed. All marking assemblies can be lowered together by a handle. When the pencil points contact the fabric surface they are oscillated by moving a lever in the horizontal direction. The handle along with the marking assemblies go back to the initial position by a spring action. The distance between the button/buttonhole markings can be varied according to the requirement by moving a plurality of sliders on the scale and fixing them to desired position. The device can also be used for any other plurality of markings needed on the same garment or garment part.

No. of Pages : 11 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5564/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD FOR PRODUCING INDIVIDUAL COMPACTS SUITABLE FOR COKE OVEN CHAMBERS BY DIVIDING A COAL CAKE IN A NON-MECHANICAL MANNER

(51) International classification	:C10B31/08
(31) Priority Document No	:10 2010 005 353.8
(32) Priority Date	:21/01/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/007589
Filing Date	:14/12/2010
(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)ThyssenKrupp Uhde GmbH

Address of Applicant :Friedrich-Uhde-Strasse 15 44141
Dortmund Germany

(72)Name of Inventor :

1)KIM Ronald

(57) Abstract :

The invention relates to a method for the production of compacted individual blocks of coke suitable for coke-oven chambers by non-mechanical cutting of a compressed coal cake the compressed coal cake being formed by compression methods according to the state of the art and cutting of the compressed coal cake being performed by non-mechanical energy-providing media and the non-mechanical cutting-energy providing media for example being a laser beam a high-pressure water jet a solid abrasive blast an ultrasonic ray a compressed-air jet or a gas jet. The inventive method serves to produce compacted coal blocks from compressed coal cakes without any dust formation without any cutting tool wear and with great precision.

No. of Pages : 11 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5565/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD AND SYSTEM FOR MAINTAINING WORKING STATES OF NETWORK ELEMENTS

(51) International classification :H04L12/24
(31) Priority Document No :200910261303.8
(32) Priority Date :16/12/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/074251
Filing Date :22/06/2010
(87) International Publication No : NA
(61) Patent of Addition to Application :NA
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ZTE CORPORATION
Address of Applicant :ZTE Plaza Keji Road South Hi-Tech
Industrial Park Nanshan District Shenzhen Guangdong Province
518057 P.R. China
(72)**Name of Inventor :**
1)CHEN Wuxing

(57) Abstract :

A method and a system for maintaining working states of network elements are provided by the present invention. The method comprises the steps of: a network management system collecting a working state of each network element before the network elements are upgraded; and after the network elements are upgraded the network management system sending a working state recovery instruction to each network element according to statistical results to indicate each network element to recover the working state to the working state before upgrading. The present invention can be used to intellectually maintain the working states of the network elements to be consistent before and after software upgrading reduce the workload of manual maintenance and improve the working efficiency and the working stability of the system.

No. of Pages : 31 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5566/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD OF DETECTING CHANGE IN DISPLAY DATA

(51) International classification	:G09G3/34
(31) Priority Document No	:12/683,298
(32) Priority Date	:06/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/060594
Filing Date	:15/12/2010
(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 MEMS Technologies Inc.
Address of Applicant :5775 Morehouse Drive San Diego
California 92121 USA.
(72)**Name of Inventor :**
1)GRIEB Robert L.

(57) Abstract :

An apparatus and method for updating a display are disclosed. Identifying values are determined for units of display data (1010 1015). Identifying values for units of display data received during an update are compared (1020) to identifying values for previously received units of display data. Depending on the comparison (1025) the update of the corresponding portion of the display may be skipped (1030).

No. of Pages : 39 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5572/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : MICROWAVEABLE BATTER

(51) International classification	:A23L1/00
(31) Priority Document No	:1000647.6
(32) Priority Date	:15/01/2010
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2011/050060
Filing Date	:17/01/2011
(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)CRISP SENSATION HOLDING S.A.

Address of Applicant :1 Rue Pedro-Meylan CH-1208 Geneva Switzerland.

(72)Name of Inventor :

1)PICKFORD KEITH

(57) Abstract :

A microwaveable cookable or reheatable foodstuff coating composition comprising an aqueous mixture including: a) starch b) a flour component comprising gluten free flour and maize flour c) a gelling agent d) an enzyme additive comprising alpha amylase; and e) optional further ingredients.

No. of Pages : 16 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5573/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : UNCALIBRATED VISUAL SERVOING USING REAL-TIME VELOCITY OPTIMIZATION

(51) International classification	:A61B19/00
(31) Priority Document No	:61/293222
(32) Priority Date	:08/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/055245
Filing Date	:17/11/2010
(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 EINDHOVEN 5621 BA NETHERLANDS
(72)**Name of Inventor :**
1)POPOVIC Aleksandra
2)THIENPHRAPA Paul

(57) Abstract :

Robotic control method for a camera (30) having an optical view and a robot (40) having an endeffector (42) and one or more joints (41) for maneuvering end-effector (42). The robotic control method involves an acquisition of a digital video frame (32) illustrating an image as optically viewed by the camera (30), and an execution of a visual servoing for controlling a pose of endeffector (42) relative to an image feature within the digital video frame (32). The visual servoing involves an identification of a tracking vector (vtrk) within an image coordinate system (80) of the digital video frame (32) extending from a tracking point (TR) to a target point (TG) associated with the image feature, a mapping of the tracking vector within a configuration space (100) constructed from a robotic coordinate system (90) associated with the end-effector (42), and a derivation of a pose of the end- effector (42) within the robotic coordinate system (90) from the mapping of the tracking vector (vtrk) within the configuration space (100).

No. of Pages : 32 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5574/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : X-RAY TUBE WITH A COMBINED X- AND Y- FOCAL SPOT DEFLECTION METHOD

(51) International classification :A61B6/03
(31) Priority Document No :61/293231
(32) Priority Date :08/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2011/050013
Filing Date :04/01/2011
(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 :
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Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS
(72)Name of Inventor :
1)KAUTZ Allan
2)PERNO Salvatore
3)BROOKS Gary
4)AWAD George
5)BUAN Jose Angelo

(57) Abstract :

An X-ray tube is provided adapted to generate X-ray beams comprising a first and a second deflection device mounted external or internal to the X-ray tube between a cathode and an anode in a diagonal manner for focal spot deflection in a combined x- and y-direction. The first and second deflection devices are triggered alternately such that only one deflection device is activated at a time. The first and second deflection devices may be triggered according to a predetermined switching sequence e.g. producing a predetermined deflection pattern of the focal spot. Thereby an improved x- and z-flying focal spot methodology is provided.

No. of Pages : 24 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5575/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD FOR PRODUCING HIGHER ETHANOLAMINES•

(51) International classification :C07C209/28

(31) Priority Document No :09179708.4

(32) Priority Date :17/12/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/069467

Filing Date :13/12/2010

(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

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(72)Name of Inventor :

1)M.,GERLEIN Wolfgang

2)MELDER Johann-Peter

3)PASTRE Jrg

4)EBERHARDT Jan

5)KRUG Thomas

6)KREITSCHMANN Mirko

(57) Abstract :

The invention relates to a method for producing ethanolamines by means of reacting glycol aldehyde with monoethanolamine and/or diethanolamine in the presence of a catalyst.

No. of Pages : 25 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5576/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHODS FOR ENHANCING ANTI-TUMOR ANTIBODY THERAPY•

(51) International classification :A61K39/395

(31) Priority Document No :61/267,337

(32) Priority Date :07/12/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/059221

Filing Date :07/12/2010

(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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1)KOHRT Holbrook

2)HOUOT Roch

3)LEVY Ronald

4)ALIZADEH Arash Ash

5)GOLDSTEIN Matthew J.

6)TORCHIA James

(57) Abstract :

Methods of enhancing the efficacy of antibody-directed cellular cytotoxicity (ADCC) for therapy directed to killing of tumor cells are disclosed. Cancer specific cell surface antigens are bound by monoclonal antibodies thereby stimulating a cytotoxic T cell response characterized by an upregulation of cell surface expression of costimulatory molecules on the T cell. The ADCC response is augmented by the subsequent administration of a second antibody that is an agonist of the costimulatory molecule.

No. of Pages : 49 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5577/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : VERTICALLY STACKED PHOTOVOLTAIC AND THERMAL SOLAR CELL•

(51) International classification :H01L31/00

(31) Priority Document No :61/288,632

(32) Priority Date :21/12/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/061604

Filing Date :21/12/2010

(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)UNIVERSITY OF HOUSTON

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(72)Name of Inventor :

1)CURRAN Seamus

2)DIAS Sampath

3)LIAO Kang-Shyang

4)YAMBEM Soniya Devi

5)HALDAR Amrita

6)ALLEY Nigel

(57) Abstract :

The present invention provides a novel photovoltaic solar cell system from photovoltaic modules that are vertically arrayed in a stack format using thin film semiconductors selected from among organic and inorganic thin film semiconductors. The stack cells may be cells that are produced in a planar manner then vertically oriented in an angular form also termed herein tilted to maximize the light capturing aspects. The use of a stack configuration system allows for the use of transparent materials or semitransparent metals. Light is reflected back through the device by beveling or capping the end of the device with a different refractive index material. The contacting between stacked cells can be done in series or parallel. The present invention uses a concentrator architecture where the light is channeled into the cells that contain thermal fluid channels to absorb and hence reduce the thermal energy generation.

No. of Pages : 36 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1678/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR POWER ASSEMBLY DIAGNOSTICS

(51) International classification	:G01N 29/00	(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)GEORGE, SHERI
(87) International Publication No	: NA	2)TAMMA, BHASKAR
(61) Patent of Addition to Application Number	:NA	3)PRABHU, RAHUL SRINIVAS
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A diagnostic system is presented. One embodiment of the diagnostic system includes at least one acoustic emission sensor operatively coupled to at least one cylinder in the power assembly and configured to sense an acoustic emission signal corresponding to the at least one cylinder. The device further includes a pressure sensor operatively coupled to at least one cylinder and configured to sense a pressure signal corresponding to the at least one cylinder. Also, the device includes a processing module operatively coupled to the at least one acoustic emission sensor and the pressure sensor and configured to determine event data of the at least one cylinder based on the acoustic emission signal and the pressure signal and detect an anomaly in the at least one cylinder based on the determined event data.

No. of Pages : 30 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2958/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :26/11/2008

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD AND SYSTEM FOR IMPLEMENTING A DOCUMENT OBJECT MODEL (DOM) TREE

(51) International classification	:G06F17/00
(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

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1)Samsung India Software Operations Private Limited.
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Bangalore Karnataka India
(72)**Name of Inventor :**
1)Alok Srivastava
2)Kaja Mohaideen M
3)Anish P V

(57) Abstract :

A method and a system for implementing a document object model (DOM) tree is provided. The method includes receiving a document. Further, the method includes determining a pool of memory required for the DOM tree. The DOM tree includes a plurality of nodes and each node includes a plurality of elements. Furthermore, the method includes allocating the pool of memory based on number of the plurality of nodes required and size of the each node. The method also includes assigning a block of memory from the pool of memory to each node and tagging the offset of the block as a node index. Further, the method includes representing each element in the each node as the node index. The system includes a communication interface for receiving a document. Further, the system includes a determining unit, an allocating unit, and an assigning unit for performing various functions.

No. of Pages : 31 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5600/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD AND APPARATUS FOR EFFICIENT SERVING CELL CHANGE USING MULTIPLE PARALLEL TIMERS

(51) International classification :H04W36/30

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/CN2009/076107

Filing Date :28/12/2009

(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

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(72)Name of Inventor :

1)NG Alvin S.

2)CHAN Chunchung

(57) Abstract :

Methods and apparatus are described herein to manage a serving cell change. Timers are used to monitor one or more cells which become stronger relative to a cell which is currently the best cell. These one or more cells may be referred to as pending best cells. Further in some aspects additional timers can be started for any cell relative to any pending best cell when the respective cell becomes stronger than the respective pending best cell.

No. of Pages : 32 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5601/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : AGENT FOR TREATING DISEASE

(51) International classification :A61K39/395
(31) Priority Document No :0920942.0
(32) Priority Date :30/11/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2010/068562
Filing Date :30/11/2010
(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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7)ZUBER Chantal

8)CZELOTH Niklas

9)WARTENBERG-DEMAND Andrea

10)GUTSCHER Marcus

11)WESSELS-KRANZ Judith

(57) Abstract :

Provided is a humanized or chimeric antibody or fragment thereof capable of binding to interleukin-10 (IL-10) wherein said antibody or fragment thereof is capable of being administered to a subject in the absence of an intolerable increase in the level of pro-inflammatory cytokines. Further provided are methods of treatment involving the use of the antibody or fragment thereof.

No. of Pages : 101 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5602/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : AGENT FOR TREATING DISEASE

(51) International classification	:A61K39/395
(31) Priority Document No	:0920933.9
(32) Priority Date	:30/11/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2010/068569
Filing Date	:30/11/2010
(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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6)ENGLING Andr

7)ZUBER Chantal

8)CZELOTH Nikias

(57) Abstract :

Provided is a humanized or chimeric antibody or fragment thereof capable of binding to interleukin-10 (IL-10), wherein said antibody or fragment thereof: (i) binds to the same region of IL-10 as the IL-10 receptor (IL-10R) and is not capable of binding IL-10 when the IL-10 is bound to the IL-10 receptor; and (ii) binds to IL-10 in homodimeric form by binding a discontinuous epitope comprising residues of both monomers. Further provided are related products and methods involving the use of the antibody or fragment thereof.

No. of Pages : 110 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5567/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD APPARATUS AND SYSTEM FOR ACCESSING A WIRELESS NETWORK AND SENDING A PAGING MESSAGE

(51) International classification	:H04W48/00
(31) Priority Document No	:200910238877.3
(32) Priority Date	:31/12/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/080445
Filing Date	:29/12/2010
(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)YU Yongjun
2)SHU Bing
3)ZHAO Yang
4)QIN Jun

(57) Abstract :

Embodiments of the present invention disclose a method, an apparatus and a system for accessing a wireless network and sending a paging message. The method for accessing a wireless network includes: receiving scheduling information, where the scheduling information indicates time when an MTC device is triggered to access the wireless network, and the scheduling information includes at least one type of the following: device identification information of the MTC device and group identification information of an MTC device group to which the MTC device belongs; and sending access information to the MTC device according to the scheduling information, where the access information indicates time for the MTC device to access the wireless network, and the access information includes the device identification information of the MTC device. An access conflict caused by a huge number of MTC devices randomly accessing the wireless network can be avoided.

No. of Pages : 25 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5568/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : PACKET LOSS DETECTING METHOD AND APPARATUS AND ROUTER

(51) International classification	:H04L12/26
(31) Priority Document No	:200910258932.5
(32) Priority Date	:30/12/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/079641
Filing Date	:10/12/2010
(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)YUE Jianfei
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(57) Abstract :

A packet loss detecting method and apparatus, and a router are provided in embodiments of the present invention. The method includes: counting, by a first router, received packets and sent packets respectively according to a class of service value of a packet in each tunnel; generating, by the first router, a first packet loss detection packet that is corresponding to the class of service value, sending the first packet loss detection packet to a second router at a peer end, and receiving a first packet loss response packet returned by the second router; and corresponding, by the first router, a class of service value, and measuring a packet loss value according to a locally recorded count value and a count value carried in the first packet loss response packet. With the technical solution in each embodiment of the present invention, a problem that packet disorder occurs when packet loss measurement is performed for a pseudo-wire with multiple classes of service, causing that a packet loss measurement result is not accurate is solved. In addition, an advantage that traffic detection occupies a smaller bandwidth also exists.

No. of Pages : 23 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5569/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : CHARGE PUMP FOR PRODUCING A VOLTAGE FOR A DISPLAY DRIVER

(51) International classification :G09G3/34
(31) Priority Document No :12/683,312
(32) Priority Date :06/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/020142
Filing Date :04/01/2011
(87) International Publication No : NA
(61) Patent of Addition to Application :NA
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)VARMA Pramod K.

(57) Abstract :

A system for driving an array of display elements includes a supply line at least one capacitor a plurality of drive lines and overdrive lines a plurality of switches and a controller configured to activate and deactivate subsets of the switches in order to selectively couple the at least one capacitor to the drive lines and to the overdrive lines. A method for generating an overdrive voltage includes activating and deactivating a plurality of switches to couple a drive voltage line and/or an overdrive voltage line to at least one capacitor.

No. of Pages : 50 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5570/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : COATED LIGHT -TURNING ILLUMINATION DEVICE WITH AUXILIARY ELECTRODE STRUCTURE

(51) International classification	:G06F3/044
(31) Priority Document No	:61/290,868
(32) Priority Date	:29/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/061921
Filing Date	:22/12/2010
(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)NARAYANAN Kollengode S.

(57) Abstract :

This disclosure provides systems methods and apparatus for a front illumination device with metalized light-turning features. In one aspect an illumination device includes a light guide having light-turning features that include recesses formed on the light guide and that extend down into the light guide. The recesses may be coated with a material where the material also forms an auxiliary structure outside of the recesses on the light guide. The auxiliary structure may be conductive and may form for example an electrode.

No. of Pages : 67 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5477/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :22/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD FOR SIMULATING REDUCTION OF ACQUISITION DOSAGE OF AN X-RAY SYSTEM
COMPUTER SYSTEM AND X-RAY SYSTEM

(51) International classification	:A61B6/03
(31) Priority Document No	:10150170.8
(32) Priority Date	:06/01/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/056042
Filing Date	:23/12/2010
(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)HOORNAERT Bart Pierre Antoine Jozef

(57) Abstract :

The method (30) for simulating reduction of acquisition dosage of an X-ray system comprises providing (32) first X-ray image information comprising first noise, the first X-ray image information having been acquired with a first dosage setting; providing (34) a second dosage setting; determining (36) a noise difference for obtaining simulated second X-ray image information acquired with the second dosage setting and applying (38) the noise difference to the first X-ray image information for obtaining the simulated second X-ray image information comprising second noise. The noise difference is at least partly dependent on at least one of a colouring of the first noise, a noise power spectra of the first noise, a colouring of the noise difference, a power spectra of the noise difference, an intensity distribution of the first X-ray image information and a local intensity distribution of the first X-ray image information.

No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5478/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :22/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : SYSTEM FOR MEASURING FLUID FLOW VELOCITY

(51) International classification :G01F1/708

(31) Priority Document No :10150160.9

(32) Priority Date :06/01/2010

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/056106

Filing Date :29/12/2010

(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)HAARTSEN Jacob Roger

(57) Abstract :

The invention relates to a system (102) for measuring a velocity of a fluid (104) flowing through a flow channel (106). The system comprises a heating element (108) configured for generating a thermal marker in the fluid (104) in response to a predetermined time-varying level of power provided to the heating element (108). The system (102) furthermore comprises a sensor arrangement (110) for generating a measurement signal (112) indicative for the velocity of the fluid (104) flowing through the channel (106). Herein, the sensor arrangement (110) is configured for measuring a time series of the primary temperature (114) of the fluid (104) at a predetermined primary location. The primary location and the heating element (108) are situated on an axis having at least a component parallel to the longitudinal axis (119) of the flow channel (106). The measurement signal (112) is based on the maximum value (120) of the time series of time series of the primary temperature (114) in response to the thermal marker.

No. of Pages : 28 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5479/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :22/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : RESPIRATORY DRUG DELIVERY APPARATUS INCLUDING A FEEDBACK AND COMPLIANCE DEVICE

(51) International classification	:A61M15/00
(31) Priority Document No	:61/293020
(32) Priority Date	:07/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/055642
Filing Date	:07/12/2010
(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)VON HOLLEN Dirk Ernest
2)DENYER Jonathan Stanley Harold

(57) Abstract :

A respiratory drug delivery apparatus includes a medication storage and delivery device having an outlet and a feedback and compliance device coupled thereto. The feedback and compliance device has an opening and the outlet of the medication storage and delivery device is received through the opening. The feedback and compliance device includes: (i) one or more sensors each of the one or more sensors being structured to sense a parameter relating to use of the respiratory drug delivery apparatus without modifying or interfering with a flow of medication introduced by actuation of the medication storage and delivery device (ii) one or more feedback devices and (iii) a processing unit programmed to cause the one or more feedback devices to provide feedback information to a patient regarding use of the respiratory drug delivery apparatus based on an output of at least one of the one or more sensors.

No. of Pages : 32 No. of Claims : 15

(54) Title of the invention : METHOD AND APPARATUS FOR ON-DEVICE POSITIONING USING COMPRESSED FINGERPRINT ARCHIVES

(51) International classification	:G01S1/68	(71)Name of Applicant :
(31) Priority Document No	:61/266,792	1)NOKIA CORPORATION
(32) Priority Date	:04/12/2009	Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo
(33) Name of priority country	:U.S.A.	Finland
(86) International Application No	:PCT/FI2010/050981	(72)Name of Inventor :
Filing Date	:30/11/2010	1)Jonathan Ledlie
(87) International Publication No	: NA	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and apparatus are provided for on-device positioning using compressed fingerprint archives. The method and apparatus may be configured to provide compression of localization fingerprints, to facilitate efficient on-device positioning based on the RF fingerprint model, and to estimate the physical distance between two or more devices. Embodiments of the method may receive a space-to-access point histogram that corresponds to an access point as observed in a space. The histogram may be normalized and a mean and standard deviation may be calculated from the histogram. A weight may be assigned to the access point corresponding to the frequency with which the access point is observed within the space. A mean, standard deviation, and weight may be calculated and assigned for each of a plurality of access points as observed within a space. The mean, standard deviation, and weight of each access point may be combined to form a data triple. The data triples may be combined to form a fingerprint of access points observed from that space. The data triple or plurality of data triples with the lowest assigned weight(s) may be removed from the fingerprint. FIG.4

No. of Pages : 42 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5480/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :22/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : CLEANING DEVICE AND VACUUM CLEANER

(51) International classification :A47L11/34

(31) Priority Document No :10150263.1

(32) Priority Date :07/01/2010

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/053452

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

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(57) Abstract :

The invention relates to a cleaning device (1) for removing particles from a surface (11). Thereto the device sprays droplets (200) of a fluid (201) into a space (213). The droplets (200) are expelled from a rotatable brush (3) as a mist of droplets. Air carrying dirt particles (202) is exposed to the mist whereby dirt particles coalesce with droplets in the mist in the space (213). The coalesced particles (22) are conveyed to a cleansing unit (14) to be separated from the air. Finally clean air exits from the device (1).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5481/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :22/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : RF TRANSMIT AND/OR RECEIVE ANTENNA FOR A HYBRID MRI SYSTEM

(51) International classification :G01R33/48
(31) Priority Document No :10150236.7
(32) Priority Date :07/01/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2011/050039
Filing Date :05/01/2011
(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

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3)HALKOLA Annemaria Johanna
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6)NOUSIAINEN Jere Matti

(57) Abstract :

An RF/MR transmit and/or receive antenna is disclosed for use in a hybrid magnetic resonance imaging (MRI) system (or MR scanner) which comprises an MRI system and another imaging system for example in the form of a high intensity focused ultrasound (HIFU) system. The RF transmit and/or receive antenna (40 50) is provided with respect to its conductor structure such that it does not disturb or in any other way detrimentally influence the related other (i.e. HIFU) of the two systems especially if both systems are operated simultaneously and if the RF antenna is positioned in close proximity to an object to be imaged.

No. of Pages : 20 No. of Claims : 9

(54) Title of the invention : LED LIGHTING CIRCUIT

(51) International classification :H05B33/08
 (31) Priority Document No :10150214.4
 (32) Priority Date :07/01/2010
 (33) Name of priority country :EPO
 (86) International Application No :PCT/IB2011/050012
 Filing Date :04/01/2011
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
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(72)Name of Inventor :

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(57) Abstract :

The invention describes an AC-LED lighting circuit (1) comprising an AC-LED arrangement (10) with at least a first set (11) of LEDs connected according to a first polarity and a second set (12) of LEDs connected according to the opposite polarity, which AC-LED lighting circuit (1) is characterized by (i) a source (61) of a polarity-selectable DC input signal (51) to be applied to the AC-LED arrangement (10), or a connecting means (40) for connecting the AC-LED lighting circuit (1) to a fixed-polarity DC input signal (50) and a conversion means (T1, T2, T3, T4) for converting the fixed-polarity DC input signal (50) to a polarity-selectable DC signal (50) to be applied to the AC-LED arrangement (10); and (ii) a polarity controller (70, 71) realized to control the polarity of the polarity-selectable DC signal (50, 51) applied to the AC-LED arrangement (10) such that the first set (11) of LEDs of the AC-LED arrangement (10) is driven when the polarity-selectable DC signal (50, 51) has the first polarity, and the second set (12) of LEDs of the AC-LED arrangement (10) is driven when the polarity-selectable DC signal (50, 51) has the opposite polarity. The invention further describes an AC-LED lighting device (9) comprising such an AC-LED lighting circuit (1) and having an outer chamber (90) enclosing the AC-LED arrangement (10) of the AC-LED lighting circuit (1) and a lamp base (91) at least partially incorporating the connector (3) of the AC-LED lighting circuit (1). The invention also describes a method of driving an AC-LED lighting circuit comprising an AC-LED arrangement (10).

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5628/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD OF CONFIGURING CATHODES OF AN ALUMINUM REDUCTION CELL•

(51) International classification :C25C3/08
(31) Priority Document No :200910312839.8
(32) Priority Date :31/12/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/002237
Filing Date :31/12/2010
(87) International Publication No : NA
(61) Patent of Addition to Application :NA
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)YANG Yi

(57) Abstract :

The present invention discloses a method of configuring energy saving high and low cathodes of an aluminum reduction cell said method comprising disposing cathode carbon blocks and cathode steel rods (3) at the bottom of the aluminum reduction cell the cathode carbon blocks being formed by staggering high cathode blocks (1) and low cathode blocks (2) with different thicknesses. Both sides of the portion of each of the high cathode blocks (1) higher than each of the low cathode blocks (2) must be machined into bevels or arc angles so as to achieve a good choking effect. The present invention can better improve the stability of molten aluminum-electrolyte interface within the aluminum reduction cell decrease the polar distance effectively during normal production and achieve a lower operating voltage of the reduction cell thereby saving energy and reducing energy consumption

No. of Pages : 13 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2951/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :26/11/2008

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD AND SYSTEM FOR PRIORITIZING A PLURALITY OF BLUETOOTH ENABLED COMMUNICATION DEVICES

(51) International classification	:H04W84/00
(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
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(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)Girish Ashok Joshi

(57) Abstract :

A method and a system for prioritizing a plurality of Bluetooth enabled communication devices includes ascertaining electronically, identity of one or more slave Bluetooth enabled communication devices by a master Bluetooth enabled communication device. The method also includes assigning the one or more slave Bluetooth enabled communication devices as a primary device. Further, the method includes prioritizing the one or more slave Bluetooth enabled communication devices. A system for prioritizing a plurality of Bluetooth enabled communication devices includes a Bluetooth unit in the master Bluetooth enabled communication device for defining one or more of the slave Bluetooth enabled communication devices as primary devices. The system also includes prioritizing unit in the master Bluetooth enabled communication device for prioritizing the one or more slave Bluetooth enabled communication devices.

No. of Pages : 16 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3808/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :08/11/2011

(43) Publication Date : 01/11/2013

(54) Title of the invention : A PROCESS FOR PREPARATION OF RILPIVIRINE INTERMEDIATE

(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

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(72)Name of Inventor :

1)VENKATRAMANA, SUMANGALA

2)KAYARMAR, RESHM

3)MADATHIL, VIJESH ALANTHATTA

4)PATGAR, PRASAD NARASIMHA

5)VASUDEVA, PEJAKALA KAKRANNAYA

6)ARULMOLI, THANGAVEL

(57) Abstract :

The present invention discloses a novel, facile and cost-effective process for the preparation of (2E)-3-(4-amino-3,5-dimethylphenyl)acrylonitrile of formula II, which is a key intermediate in the preparation of an antiretroviral drug Rilpivirine.

No. of Pages : 10 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3916/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :15/11/2011

(43) Publication Date : 01/11/2013

(54) Title of the invention : CIRCULAR HYBRID MUFFLER

(51) International classification

:B60K

(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)ASHOK LEYLAND LIMITED

Address of Applicant :NO.1, SARDAR PATEL ROAD,
GUINDY, CHENNAI 600 032 Tamil Nadu India

(72)Name of Inventor :

1)ASHWIN KUMAR M

2)SASIKUMAR K

3)KALYANKUMAR S HATTI

(57) Abstract :

The Circular hybrid muffler according to present invention is employed in the exhaust system of the automobiles for reducing the emission and noise produced by the engine. The circular hybrid muffler assembly consists of an inlet and out let pipe with set of perforations and baffle plates particularly designed to eliminate certain frequencies of noise generated at the engine. The different components are arranged in such a way to obtain maximum flow path and to obtain maximum flow reversal for noise attenuation.

No. of Pages : 23 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5631/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : BCHE ALBUMIN FUSIONS FOR THE TREATMENT OF COCAINE ABUSE•

(51) International classification :A61K38/16

(31) Priority Document No :61/283,791

(32) Priority Date :08/12/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/059292

Filing Date :07/12/2010

(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)TEVA PHARMACEUTICAL INDUSTRIES LTD.

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(72)Name of Inventor :

1)Liora Sklair-Tavron

2)Moti Rosenstock

3)Liron Shemesh-Darvish

4)Hussein Hallak

5)Victor Piryatinsky

6)Viktor Roschke

7)David Lafleur

(57) Abstract :

A method of attenuating a biological effect of cocaine exposure in a primate. Such method includes administering to the primate an amount of a BChE-albumin fusion protein comprising the amino acid substitutions A227S S315G A356W and Y360G wherein the amount of the fusion protein is effective to cause attenuation of the biological effect of cocaine exposure in the primate.

No. of Pages : 160 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5634/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : PENDING STATE MANAGEMENT FOR MOBILE BUSINESS OBJECTS•

(51) International classification :H04B1/40
(31) Priority Document No :61/290,993
(32) Priority Date :30/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/060296
Filing Date :14/12/2010
(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)SYBASE INC.

Address of Applicant :One Sybase Drive Building A Sixth Floor Dublin California 94568 United States of America

(72)Name of Inventor :

1)IRELAND Evan

2)CLEGG David

3)HO Michael

4)PANDYA Hemal

5)ZHANG Guo-ping

(57) Abstract :

A system method and computer program product are provided for invoking an operation to change a current data row of a table in a local database. As a result a pending change data row is inserted in the table distinguished by a primary key comprising a common key value and a pending change indicator. The pending change is then submitted for synchronization.

No. of Pages : 64 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5635/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD FOR DISTRIBUTING HELIOSTATS IN TOWER PLANT

(51) International classification :F24J2/10
(31) Priority Document No :P200902268
(32) Priority Date :01/12/2009
(33) Name of priority country :Spain
(86) International Application No :PCT/ES2010/000485
Filing Date :30/11/2010
(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)ABENGOA SOLAR NEW TECHNOLOGIES S.A.
Address of Applicant :Avenida de la Buhaira 2 41018 Sevilla
Spain
(72)Name of Inventor :
1)QUERO GARCIA Manuel
2)PF,,NDER Markus
3)GERTIG Christian
4)OSUNA GONZALEZ-AGUILAR Rafael

(57) Abstract :

Method for distributing heliostats in a tower solar plant surrounded by a field of heliostats that reflect the solar radiation to said tower. The distribution method for said heliostats involves imitating the systems found in nature to maximise light capture (plant seeds leaves or petals) and is described mathematically by Fermat spirals occurring in a Fibonacci number through the placement in polar coordinates of each heliostat according to a radius and an angle defined by Formula (I) where: r_n is the distance from the tower (2) to the position of the heliostat (3) is the angle formed by the radius r_n and the radius r_{n-1} is the number of the heliostat (3) to be placed C_n is a constant that depends on each placement and corresponds to the compactness index of the heliostats (3) in the plant is the irrational limit of the golden section i.e.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5495/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :22/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : A METHOD AND SYSTEM FOR PROVIDING AN INTERNET BASED TRANSACTION•

(51) International classification :G06Q20/00
(31) Priority Document No :61/264,152
(32) Priority Date :24/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/AU2010/001570
Filing Date :23/11/2010
(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)JOYCE JOHN ANTHONY
Address of Applicant :31 Argo Street South Yarra Victoria
3141 Australia
(72)Name of Inventor :
1)JOYCE JOHN ANTHONY

(57) Abstract :

A method of providing an Internet based transaction for goods or services offered via a website the method comprising requesting from the website a secure financial transaction from a merchant associated with the website for said goods or services using an Internet access device activating an encryption device in data communication with the Internet access device receiving from the encryption device encrypted user financial card details for the secure financial transaction the Internet access device transmitting the received encrypted user financial card details over the Internet to a transaction server decrypting the received encrypted user financial card details at the transaction server and forwarding the decrypted card details to a financial institution in data communication with the transaction server and thereafter using the decrypted card details to complete the secure financial transaction for the Internet based transaction for said goods or services.

No. of Pages : 23 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5638/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : IMPROVED KNUCKLE FORMED THROUGH THE USE OF IMPROVED EXTERNAL AND INTERNAL SAND CORES AND METHOD OF MANUFACTURE

(51) International classification	:B22C9/02
(31) Priority Document No	:61/291,584
(32) Priority Date	:31/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/062574
Filing Date	:30/12/2010
(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)BEDLOE INDUSTRIES LLC

Address of Applicant :2711 Centerville Road Suite 300 PMB
#8033 Wilmington DE 19808 U.S.A.

(72)Name of Inventor :

1)NIBOUAR F. Andrew

2)SMERECKY Jerry R.

3)SMITH Douglas

(57) Abstract :

A method for manufacturing a railcar coupler knuckle said method includes providing a cope mold portion and a drag mold portion. The cope and drag mold portions have internal walls that define at least in part perimeter boundaries of coupler knuckle mod cavity. At least one chill core is positioned within one of the cope mold portion and the drag mold portion. The cope and drag mold portions are closed with the at least one core therebetween and the closed cope and drag mold portions and the chill core define a parting line. The mold cavity is filled with a molten metal which solidifies after filling to form a casting. The casting includes a pulling face portion defined by the chill core and a central section of the pulling face portion does not contain the parting line and requires no finish grinding upon its formation.

No. of Pages : 27 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5639/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : FILTER FOR A SMOKING ARTICLE

(51) International classification	:A24D1/02
(31) Priority Document No	:0922698.6
(32) Priority Date	:31/12/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2010/067860
Filing Date	:19/11/2010
(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)British American Tobacco (Investments) Limited
Address of Applicant :Globe House 1 Water Street London
WC2R 3LA U.K.
(72)**Name of Inventor :**
1)RICHARDSON John
2)SUTTON Joseph Peter

(57) Abstract :

A filter (3) for a smoking article (1) comprises one or more segments (4a 4b 4c) of filtration media and a substantially transparent wrapper (5). The one or more filter segments (4a 4b 4c) and the wrapper (5) define a recess or cavity in the filter (3). An anchoring adhesive (7) is provided to secure the one or more filter segments (4a 4b 4c) to the wrapper (5). The anchoring adhesive (7) is disposed exclusively between the wrapper (5) and portions of the one or more filter segments (4a 4b 4c) other than those corresponding to the recess or cavity.

No. of Pages : 36 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5640/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD OF MACHINING SEALING SURFACE

(51) International classification	:B23C3/00
(31) Priority Document No	:2009-275315
(32) Priority Date	:03/12/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/070691
Filing Date	:19/11/2010
(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)NTN Corporation
Address of Applicant :3-17 Kyomachibori 1-chome Nishi-ku
Osaka-shi Osaka 550-0003 Japan
(72)**Name of Inventor :**
1)TERADA Kentaro

(57) Abstract :

Provided is a method of machining a sealing surface the method being capable of finishing a sealing surface at low cost and in a short period of time eliminating lead marks and forming the sealing surface highly accurately. The method of machining a sealing surface comprises finishing a sealing surface (M) which is to be machined by cutting the sealing surface (M) using a rotating cutting tool (81) while rotating a workpiece having the sealing surface (M) about an axis thereof. The cutting of the sealing surface (M) using the rotating cutting tool (81) comprises hardened steel cutting which generates no lead marks.

No. of Pages : 31 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3028/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :13/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR ASSISTING A USER TO SELECT THE CONTEXT OF A SEARCH QUERY

(51) International classification

:G06F17/00

(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)INDUS TECHINNOVATIONS LLP

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SRINIVAGALU MAIN ROAD, EJIPURA, BANGALORE 560
047 Karnataka India

(72)Name of Inventor :

1)GEORGE PAULOSE KOOMULLIL

2)HARIHARAN RAMASANGU

(57) Abstract :

The present invention provides a method and a system of providing assistance to a user to identify at least one context while forming a search query. In one embodiment, this is accomplished by receiving one or more inputs related to the search query, and providing a plurality of contexts related to the received input, wherein the contexts include one or more topics, and wherein the topics are part of one or more ontologies.

No. of Pages : 36 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3030/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :13/10/2010

(43) Publication Date : 01/11/2013

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

(51) International classification	:A61K31/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MATRIX LABORATORIES LTD
(32) Priority Date	:NA	Address of Applicant :1-1-151/1, IV FLOOR, SAIRAM
(33) Name of priority country	:NA	TOWERS, ALEXANDER ROAD, SECUNDERABAD - 500 003
(86) International Application No	:NA	Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)GORE, VINAYAK
(61) Patent of Addition to Application Number	:NA	2)BINDU, MANOJKUMAR
Filing Date	:NA	3)SHINDE, DATTATRAYA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved process for the preparation of Bosentan or its salt. The present invention also relates to an improved process for the deprotection of hydroxy protected Bosentan. The present invention further relates to a pharmaceutical composition comprising Bosentan of formula I with excipients.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3589/CHE/2011 A

(19) INDIA

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

(43) Publication Date : 01/11/2013

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF VITAMIN B12 FROM YEAST

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ITC LIMITED
(32) Priority Date	:NA	Address of Applicant :CORPORATE R & D, ITC R & C
(33) Name of priority country	:NA	CENTRE, PEENYA INDUSTRIAL AREA, 1ST PHASE,
(86) International Application No	:NA	BANGALORE 560 058 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RANE, SHARMILA
(61) Patent of Addition to Application Number	:NA	2)KAUSHAL, DEEPTI
Filing Date	:NA	3)RODRIGUES, ABHIASH
(62) Divisional to Application Number	:NA	4)PARADKAR, MANISH
Filing Date	:NA	5)KALSI, GURPREET

(57) Abstract :

The present invention relates to the field of production of vitaminology and yeast microbiology, in particular, the production of vitamin B12 from the yeast, Kluyveromyces lactis ATCC 8585. The present invention provides a process for production of vitamin B12 using a culture comprising Kluyveromyces cells. The present invention also provides a composition comprising the vitamin B12 producing Kluyveromyces cells.

No. of Pages : 28 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3812/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :08/11/2011

(43) Publication Date : 01/11/2013

(54) Title of the invention : DESIGNER SEED TAPE

(51) International classification	:A01C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TAMIL NADU AGRICULTURAL UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :THE DIRECTOR (CARDS) TAMIL
(33) Name of priority country	:NA	NADU AGRICULTURAL UNIVERSITY, COIMBATORE - 641
(86) International Application No	:NA	003 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DR.R UMARANI
(61) Patent of Addition to Application Number	:NA	2)DR. R. JERLIN
Filing Date	:NA	3)DR. M. BHASKARAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Designer seed tape comprises of paper tape with specific weight characteristics as top and bottom paper. Additives with optimum concentration of insecticides and pesticides, compatible microbial inoculation and micronutrients are applied along with compatible adhesive on the bottom paper to hold the seeds spaced at recommended intra-row spacing. The object of the invention is to develop an indigenous, low cost, designer seed tape, that will enable quick line sowing; prevent seed wastage and reduce seed rate for field crops and eliminate drudgery in singling of vegetable seeds for sowing in pro-trays. Details of invention Designer seed tape of Tomato: i)Top paper: Poster paper (27gsm); Bottom paper: ii) Semi bleached paper (57gsm) with perforations iii) Adhesive mixture : @ 3.3 ml/ meter of tape. Adhesive mixture consists of: 100 ml of adhesive mixture includes 80 ml Polyvinyl acetate + 20 ml water + Trichoderma viride(0.6 g) and Pseudomonas fluorescens(0.6 g) + ZnSo4 (0.05g), Bo (0.025g), FeS04 (0.025g), Mo (0.025g), MnS04 (0.025g) and CuS04 (0.025g). Designer seed tape of Onion: i)Top paper: Poster paper (27 gsm); Bottom paper: ii) Semi bleached paper (57gsm) with perforations iii) Adhesive mixture : @ 3.3 ml/meter of tape. Adhesive mixture consists of: 80 ml of adhesive mixture = 40 ml Polyvinyl acetate + 40 ml water + 0.5 g of Carboxy methyl cellulose+ Trichoderma viride (0.6 g) and Pseudomonas fluorescens (0.6 g) + ZnSo4 (0.05g), Bo (0.025g), FeS04 (0.025g), Mo (0.025g), MnS04 (0.025g) and CuS04 (0.025g).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5657/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : MALARIA VACCINES BASED ON APICOMPLEXAN FERLINS FERLIN-LIKE PROTEINS AND OTHER C2-DOMAIN CONTAINING PROTEINS

(51) International classification :C07K14/44

(31) Priority Document No :61/267,026

(32) Priority Date :05/12/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/EP2010/007399

Filing Date :06/12/2010

(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)RUPRECHT-KARLS-UNIVERSITAT HEIDELBERG

Address of Applicant :Grabengasse 1 69117 Heidelberg

Germany

(72)Name of Inventor :

1)MUELLER ANN-KRISTIN

2)MORATH EVA

(57) Abstract :

The present invention relates to peptides comprising at least one antigenic determinant or epitope of an apicomplexan Ferlin Ferlin-like protein and/or another C2-domain containing protein for use as malaria vaccines. It further relates to compositions comprising said peptides and to the use of such compositions as malaria vaccines.

No. of Pages : 106 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1444/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :10/04/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : FERMENTATION PROCESS FOR THE PRODUCTION OF RAPAMYCIN

(51) International classification	:C12P17/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NATCO PHARMA LIMITED
(32) Priority Date	:NA	Address of Applicant :NATCO PHARMA LIMITED NATCO
(33) Name of priority country	:NA	HOUSE ROAD, NO.2, BANJARA HILLS HYDERABAD - 500
(86) International Application No	:NA	033 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)POLAVARAPU BABY RANI
(61) Patent of Addition to Application Number	:NA	2)BATTULA SUNEEL KUMAR
Filing Date	:NA	3)ADIBHATLA KALI SATYA BHUJANGA RAO
(62) Divisional to Application Number	:NA	4)NANNAPANENI VENKAIAH CHOWDARY
Filing Date	:NA	

(57) Abstract :

The present invention provides a novel method for producing rapamycin by submerged fermentation which comprises cultivating Streptomyces hygroscopicus (CBS 773.72) and mutants thereof. The present invention provides a high yielding mutant culture MTCC5681 from Streptomyces hygroscopicus CBS 773.72. This culture is capable of producing rapamycin more efficiently than the cultures Streptomyces hygroscopicus from sources like ATCC, NRRL etc which have been reported so far.

No. of Pages : 25 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1661/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD FOR OFFLINE CALIBRATION OF MAGNETIC COMPASS DATA

(51) International classification	:G01C 25/00	(71)Name of Applicant : 1)ROBERT BOSCH ENGINEERING AND BUSINESS SOLUTIONS LIMITED Address of Applicant :123, INDUSTRIAL LAYOUT, HOSUR ROAD, KORMANGALA, BANGALORE - 560 095 Karnataka India 2)ROBERT BOSCH GMBH 3)BOSCH SENSORTEC GMBH
(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	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)AIBIN PAUL LAZAR
Filing Date	:NA	2)PRANAVA TRIPATHI
(62) Divisional to Application Number	:NA	3)JUERGEN MEIER
Filing Date	:NA	4)GERHARD LAMMEL

(57) Abstract :

The present invention discloses a method for calibrating data of a magnetic compass of a portable device. The method is executed not in real time when the data is generated but post processing is done either on the same portable device or using an external processing means. The entire magnetic compass data string obtained during a real time activity of a user is stored and calibrated using a correcting parameter later. This corrected data string can be reliably used for mapping the path undertaken by the user for the real time activity.

No. of Pages : 9 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1663/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : SYSTEM AND METHOD FOR CONTROLLING FAN AIRFLOW

(51) International classification	:F01P	(71)Name of Applicant :
	5/00	1)GENERAL ELECTRIC COMPANY
(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)Name of Inventor :
(86) International Application No	:NA	1)GOKHALE, MANOJ
Filing Date	:NA	2)LOGANATHAN, JAIKUMAR
(87) International Publication No	: NA	3)DEY, SUBHRAJIT
(61) Patent of Addition to Application Number	:NA	4)KEDUKODI, SANDEEP
Filing Date	:NA	5)ATHEYA, SRIRAM THULASIRAM
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

[0061] In accordance with the embodiments of the present invention, a fan assembly is disclosed. The exemplary fan assembly includes an axial flow fan assembly comprising a shroud and a fan. The shroud and the fan are configured to move in relation to one another along a direction normal to a plane of rotation of the fan. The fan assembly also includes at least one sensor configured to sense an ambient parameter related to airflow through the fan. The fan assembly further includes a device configured to receive a sensing signal from the at least one sensor and to dynamically control a design parameter related to the airflow in response to the signal.

No. of Pages : 35 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3760/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :02/11/2011

(43) Publication Date : 01/11/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF OLMESARTAN MEDOXOMIL

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AUROBINDO PHARMA LTD
(32) Priority Date	:NA	Address of Applicant :AUROBINDO PHARMA LIMITED,
(33) Name of priority country	:NA	PLOT NO.2, MAITRIVIHAR, AMEERPET, HYDERABAD -
(86) International Application No	:NA	500 038 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)VIJAY KUMAR HANDA
(61) Patent of Addition to Application Number	:NA	2)KORRAPATI VENKATA VARA PRASADA RAO
Filing Date	:NA	3)KOILPILLAI JOSEPH PRABAHAR
(62) Divisional to Application Number	:NA	4)VYSYARAJU RAVIKANTH
Filing Date	:NA	5)MEENAKSHISUNDERAM SIVAKUMARAN

(57) Abstract :

The present invention relates to a process for the purification of trityl Olmesartan methyl ester of formula (IX), which comprises, crystallizing the compound (IX) to produce pure trityl Olmesartan methyl ester (IX) substantially free of impurities (HI) & (IIIa). The present invention also relates to a process for the preparation of trityl Olmesartan methyl ester of formula (IX), which comprises: (i) condensing methyl 4-(1 -hydroxy- 1-methylethyl)-2-propylimidazole-5-carboxylate of formula (XII) with 5-[4'-(bromomethyl)[1,1'-biphenyl]-2-yl]-N-(triphenylmethyl)tetrazole of formula (III), in the presence of a base in a solvent to produce a reaction mixture containing trityl Olmesartan methyl ester of formula (IX), (ii) treating the reaction mixture obtained in step (i) with a solvent to isolate trityl Olmesartan methyl ester of formula (IX). The present invention also provides a process for the conversion of pure trityl Olmesartan methyl ester (IX) obtained by the above process to Olmesartan medoxomil (I).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5675/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD FOR HEAT-TREATING A SILICON SUBSTRATE FOR THE PRODUCTION OF PHOTOVOLTAIC CELLS AND PHOTOVOLTAIC CELL PRODUCTION METHOD•

(51) International classification :H01L31/18

(31) Priority Document No :0905971

(32) Priority Date :10/12/2009

(33) Name of priority country :France

(86) International Application No :PCT/FR2010/000824

Filing Date :08/12/2010

(87) International Publication No : NA

(61) Patent of Addition to Application :NA

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)DUBOIS Sbastien

2)ENJALBERT Nicolas

(57) Abstract :

The invention relates to a method for treating a silicon substrate for the production of photovoltaic cells against reduction in yield during the illumination of said photovoltaic cells. The invention also relates to a method for producing photovoltaic cells from the treated substrate. To said end the invention relates to a method for treating a silicon substrate for the production of photovoltaic cells said method including the following steps: a) providing a silicon substrate obtained from a metallurgically purified load and b) annealing said substrate by heating the substrate to a temperature between 880° C and 930° C for a duration of between one and four hours preferably at a temperature of 900° C give or take 10° C for two hours give or take 10 minutes.

No. of Pages : 15 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5705/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : MAGNETIC COUPLING FOR AEROSOL GENERATING APPARATUS

(51) International classification :A61M11/00

(31) Priority Document No :61/293747

(32) Priority Date :11/01/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2010/055675

Filing Date :08/12/2010

(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 DER MARK Martinus Bernardus

(57) Abstract :

An apparatus (e.g. nebulizer) for aerosol delivery of a substance (e.g. a drug to a patient) has a mouthpiece; a chamber holding a substance; a flexible membrane having a plurality of apertures; and a vibrator for vibrating the flexible membrane to form a flow of aerosol droplets of the substance that are ejected through the apertures and to the mouthpiece. The vibrator may be a piezoelectric element. A magnetic member is provided on the flexible membrane and is configured to magnetically couple the flexible membrane to the vibrator. The magnetic member allows replacement of the membrane without wasting the piezoelectric element.

No. of Pages : 26 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5706/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : A METHOD FOR CONFIGURING A TRANSMISSION MODE IN A WIRELESS NETWORK

(51) International classification	:H04B7/06
(31) Priority Document No	:10305027.4
(32) Priority Date	:11/01/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2011/050052
Filing Date	:06/01/2011
(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 :
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2)SHARP KABUSHIKI KAISHA
(72)Name of Inventor :
1)TESANOVIC Milos
2)MOULSLEY Timothy James
3)CHIAU Choo Chiap

(57) Abstract :

The present invention relates to a method for operating a communication system said communication system comprising a primary and at least one secondary station wherein the primary station selects a transmission mode from a set of at least two transmission modes for communicating with the secondary station and wherein the secondary station infers the selected transmission mode based on at least one control channel characteristic. Reference:

No. of Pages : 20 No. of Claims : 18

(54) Title of the invention : NAVIGATING AN INTERVENTIONAL DEVICE

(51) International classification :G06T7/00
 (31) Priority Document No :10305029.0
 (32) Priority Date :12/01/2010
 (33) Name of priority country :EPO
 (86) International Application No :PCT/IB2011/050010
 Filing Date :04/01/2011
 (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

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 (72)Name of Inventor :
1)FLORENT Raoul
2)SCHOONENBERG Gert Antonius Franciscus
3)VAN RENS Bram Antonius Philomena

(57) Abstract :

The present invention relates to navigating an interventional device. In particular, the invention relates to a system for navigating an interventional device within a tubular structure of an object, a method for navigating an interventional device within a tubular structure of an object as well as a computer program element and a computer-readable medium. In order to provide enhanced information to the user in an easily comprehensible manner while keeping the X-ray dose to a minimum, a system and a method for navigating an interventional device within a tubular structure of an object are provided, wherein the method comprised the following steps: a) Acquiring 2D X-ray fluoroscopy image data in one projection geometry of a region of interest of the tubular structure; b) detecting the interventional device in the 2D X-ray image; c) determining the 2D position of the interventional device in the 2D X-ray image; d) registering the at least one 2D X-ray image with a previously acquired 3D dataset of the region of interest of the tubular structure; e) mapping the determined 2D position of the interventional device to a position in the 3D dataset; f) extracting local 3D parameters of the tubular structure at the position of the interventional device; g) generating navigational information on behalf of the determined 3D position of the interventional device and the extracted local 3D parameters; and h) providing the navigational information to the user.

No. of Pages : 41 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5708/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : THERAPEUTIC APPARATUS

(51) International classification	:A61N7/02
(31) Priority Document No	:10150499.1
(32) Priority Date	:12/01/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2011/050038
Filing Date	:05/01/2011
(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

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(72)**Name of Inventor :**
1)KATSCHER Ulrich
2)LIPS Oliver
3)FINDEKLEE Christian
4)LEUSSLER Christoph
5)NEHRKE Kay
6)WIRTZ Daniel
7)OVERWEG Johannes Adrianus

(57) Abstract :

The invention provides for a therapeutic apparatus comprising a tissue heating system (302 480 482). The therapeutic apparatus further comprises a magnetic resonance imaging system (300) for acquiring magnetic resonance thermometry data (366) from nuclei of a subject (318) located within an imaging volume (330). The therapeutic apparatus further comprises a radiation therapy system (304 592) for irradiating an irradiation volume (316 516) of the subject wherein the irradiation volume is within the imaging volume. The therapeutic apparatus further comprises a controller (354) for controlling the therapeutic apparatus. The controller is adapted for acquiring (100 210) magnetic resonance thermometry data repeatedly using the magnetic resonance imaging system. The controller is adapted for heating (102 208) at least the irradiation volume using the tissue heating system. The heating is controlled using the magnetic resonance thermometry data. The controller is adapted for irradiating (104 208) the irradiation volume.

No. of Pages : 30 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5700/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : PROCESS FOR RECOVERING MONOALKYLBENZENE

(51) International classification	:C07C7/11
(31) Priority Document No	:09180280.1
(32) Priority Date	:22/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/070735
Filing Date	:24/12/2010
(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)HAWTON Malcolm John

(57) Abstract :

The invention relates to a process for recovering monoalkylbenzene from a gas stream comprising oxygen and monoalkylbenzene wherein the gas stream comprising oxygen and monoalkylbenzene is contacted with a liquid stream comprising polyalkylbenzene a compound comprising two phenyl groups connected to each other via a C1-C3 alkylene bridge or a mixture thereof. Further the present invention relates to a process for preparing alkyl phenyl hydroperoxide incorporating said monoalkylbenzene recovery.

No. of Pages : 18 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5701/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : ANTIBODIES TO NON-FUNCTIONAL OLIGOMERIC P2X7 RECEPTORS•

(51) International classification	:C07K16/28
(31) Priority Document No	:2009906286
(32) Priority Date	:24/12/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/001741
Filing Date	:23/12/2010
(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)JULIAN ALEXANDER BARDEN
2)ANGUS GIDLEY BAIRD

(57) Abstract :

The invention relates to purinergic receptors so antibodies and related fragments thereof for binding to said receptors to production of said antibodies and fragments and to use of said antibodies and fragments for cancer detection and therapy. In particular the antibodies described bind specifically to non-functional P2X7 receptors by live cells.

No. of Pages : 152 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5702/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : MAGNETIC COUPLING FOR AEROSOL GENERATING APPARATUS

(51) International classification :A61M11/00

(31) Priority Document No :61/293746

(32) Priority Date :11/01/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2010/055676

Filing Date :08/12/2010

(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 DER MARK Martinus Bernardus

(57) Abstract :

An apparatus (e.g. nebulizer) for aerosol delivery of a substance (e.g. a drug to a patient) has a mouthpiece; a chamber holding a substance; a flexible membrane having a plurality of apertures; and a vibrator for vibrating the flexible membrane to form a flow of aerosol droplets of the substance that are ejected through the apertures and to the mouthpiece. The vibrator may be a piezoelectric element. A magnetic member is provided on the flexible membrane and is configured to magnetically couple the flexible membrane to the vibrator. The magnetic member allows replacement of the membrane without wasting the piezoelectric element.

No. of Pages : 25 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5703/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : AC/DC CONVERTER CIRCUIT

(51) International classification	:H02M7/217
(31) Priority Document No	:10150456.1
(32) Priority Date	:11/01/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2011/050016
Filing Date	:04/01/2011
(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

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(72)**Name of Inventor :**
1)LUERKENS Peter

(57) Abstract :

The invention relates to an AC/DC converter circuit (100) and a method for converting N 2 AC supply voltages (U1 U2 U3) into DC voltage. This is achieved by feeding the AC supply voltages to first terminals (a1 a2 a3) of full bridge converters (11 12 13) wherein the second terminals (b1 b2 b3) of these rectifiers are coupled to each other. The outputs (d1 d1 d2 d2 d3 d3) of the rectifiers are fed to the DC terminals of intermediate converters (21 22 23). The AC terminals (e1 e1 e2 e2 e3 e3) of the intermediate converters are connected to the primary sides of transformers (31 32 33) wherein the secondary sides of these transformers are provided to further rectifiers (41 42 43). The circuit design allows using MosFETs of limited voltage capability for processing 380 V three phase AC current thus achieving a high efficiency

No. of Pages : 15 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5704/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : MALE CONNECTOR&NBSP; FEMALE CONNECTOR AND CONNECTOR ARRANGEMENT

(51) International classification :H01R13/44

(31) Priority Document No :10150439.7

(32) Priority Date :11/01/2010

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2011/050064

Filing Date :07/01/2011

(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

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(72)Name of Inventor :

1)FLACHSLAENDER Erwin

(57) Abstract :

The invention relates to a male connector 10, a female connector 12 and a connector arrangement comprising a male and a female connector. The male connector 10 comprises a first connector body 14 comprising electrical contacts 54, 56 extending towards the free insertion end 44 of the first connector body 14 and provided with free end portions 58 that are elastically deformable. The first connector body 14 comprises a plug portion 18 extending in the insertion direction and being provided with first hook-like extensions 46 at its free ends extending laterally outward. The hook-like extensions 46 cover the free end portions 58 of the electrical contacts 54, 56 of the first connector body 14 which are elastically biased outwardly to engage the first hook-like extensions 46. Moreover, the female connector 12 comprises a second connector body 16 with electrical contacts 98, 100 extending towards the insertion end and being provided with free end portions 104 which are elastically deformable. The second connector body 16 comprises a socket portion 72 enclosing the electrical contacts 98, 100 and comprising the insertion opening, the edge 90 defining this opening being provided with further hook-like extensions 92 extending radially inward. These hook-like extensions 92 cover the free end portions 104 of the electrical contacts 98, 100 of the second connector body 16, which are elastically biased inwardly to engage these hook-like extensions 92.

No. of Pages : 19 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5578/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : STABILISATION OF MICROWAVE HEATED FOOD SUBSTRATES

(51) International classification :A23L1/00
(31) Priority Document No :1000647.6
(32) Priority Date :15/01/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/050057
Filing Date :17/01/2011
(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 :
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(72)Name of Inventor :
1)KEITH PICKFORD

(57) Abstract :

Titled: Stabilisation of Microwave Heated Foods Substrates A method of manufacture of a food product comprising the steps of: wholly or partially impregnating a substrate with a stabiliser composition wherein the substrate comprises pieces of meat poultry or fish; wherein the stabiliser composition comprises an aqueous solution of: cellulose gum 5-25% modified starch 16-50% thickener component 32-79% and optional further ingredients wherein the percentages of the ingredients are by dry weight and are selected from the ranges quoted to total 100%; and wherein the impregnated substrate is coated with an aqueous coating comprising 0.1 to 5% by dry weight of: cellulose gum 15-35% modified starch 15-50% hydrocolloid 20-30% proteinaceous component 10-20%

No. of Pages : 21 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5750/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : FROZEN FOOD PRODUCT AND METHOD FOR DEPOSITING A SAUCE INTO A FROZEN FOOD PRODUCT

(51) International classification :A23G9/24

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/US2011/023914

Filing Date :07/02/2011

(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

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(57) Abstract :

Method for injecting a sauce into a frozen food product. An embodiment of the method includes the step of inserting a nozzle having one or more openings along the lateral surface of the nozzle to a depth below the surface of a frozen food product such as ice cream or frozen yogurt contained in a package. The sauce is injected laterally outward from the one or more openings in the nozzle. In some embodiments the sauce deposit generally has a cross-sectional profile with a lateral dimension that is greater than its vertical dimension as opposed to a more bulbous shape.

No. of Pages : 26 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5751/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : SWITCHGEAR UNIT FOR SWITCHING HIGH DC VOLTAGES

(51) International classification	:H01H83/10
(31) Priority Document No	:20 2011 001 891
(32) Priority Date	:25/01/2011
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/005616
Filing Date	:09/11/2011
(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 :
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Germany
(72)Name of Inventor :
1)WEBER Waldemar
2)WERNER Klaus
3)HARRER Hubert
4)SCHMIDT Wolfgang

(57) Abstract :

The invention relates to a switchgear unit (1) for switching high DC voltages, particularly for interrupting of direct current between a direct current source (2) and an electrical device (3). The switchgear unit (1) comprises two connections (11, 12) which project from a housing (10) and which are electrically conductively coupled by means of a conductor path (22), a contact system (7) which is arranged between the first and second connections (11, 12) and also an isolating apparatus (27, 27) which can be tripped by means of a thermal fuse (8). The thermal fuse (8) comprises a melting location (19) which is arranged in the conductor path (22) and which is connected firstly to the contact system (7) and secondly via a moving conductor section (20) to the first connection (12). The isolating apparatus (27, 27) is tripped and the connection between the conductor section (20) and the contact system (7) is broken at the melting location (19) when an arc (26) produced when the contact system (7) is opened has caused the melting temperature of the melting location (19) to be reached or exceeded.

No. of Pages : 34 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5752/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : ANTI-CD27 ANTIBODY

(51) International classification :C07K16/28

(31) Priority Document No :61/290,542

(32) Priority Date :29/12/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/JP2010/073638

Filing Date :27/12/2010

(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)KUBOTA Tsuguo

(57) Abstract :

The present invention provides a monoclonal antibody which specifically recognizes CD27 containing an O-linked sugar chain to which galactose is not bound and binds to its extracellular region or a method for using the same. The present invention can provide a monoclonal antibody or an antibody fragment thereof which specifically recognizes a polypeptide encoded by CD27 gene containing an O-linked sugar chain to which galactose is not bound and binds to its extracellular region; a hybridoma which produces the antibody; a DNA which encodes the antibody; a vector which comprises the DNA; a transformant obtainable by transforming the vector; a process for producing an antibody or an antibody fragment thereof using the hybridoma or the transformant; and a diagnostic agent or a therapeutic agent comprising the antibody or the antibody fragment thereof as an active ingredient.

No. of Pages : 222 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5389/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : CONTACT LENS EYE MODEL

(51) International classification	:G02C7/04
(31) Priority Document No	:12/641,182
(32) Priority Date	:17/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/061004
Filing Date	:17/12/2010
(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)WILLEM POTZE

2)STEVEN ERNEST FRANKLIN

3)KEES HENDRIKS

4)JOSE L. PEREZ

(57) Abstract :

A model for testing contact lens designs is used in applications such as methods for designing contact lenses in which one subjects a lens design to the model , determines whether the lens meets its design objectives by application of the model , keeps the lens design if it does, and modifies the lens design if it does not.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5717/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : VOLTAGE SWITCHABLE DIELECTRIC MATERIAL CONTAINING CONDUCTOR-ON-CONDUCTOR CORE SHELL PARTICLES

(51) International classification	:H01B1/22
(31) Priority Document No	:12/638,360
(32) Priority Date	:15/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/060617
Filing Date	:15/12/2010
(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 :5870 Hellyer Avenue San Jose CA
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(72)Name of Inventor :
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2)FLEMING Robert
3)WU Junjun
4)SARAF Pragnya
5)RANGANATHAN Thangamani

(57) Abstract :

A composition of voltage switchable dielectric (VSD) material that comprises a concentration of core shelled particles that individually comprise a conductor core and a conductor shell so as to form a conductor-on-conductor core shell particle constituent for the VSD material.

No. of Pages : 34 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1364/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :10/06/2009

(43) Publication Date : 01/11/2013

(54) Title of the invention : AMORPHOUS VARENICLINE TARTRATE CO-PRECIPITATES

(51) International classification	:A61K31/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ACTAVIS GROUP PTC EHF.
(32) Priority Date	:NA	Address of Applicant :REYKJAVIKURVEGI 76-78, 220
(33) Name of priority country	:NA	HAFNARFJOROUR, Ice Land
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KRISHNADATT SHARMA
(87) International Publication No	: NA	2)ARVAPALLY SESHU KUMAR
(61) Patent of Addition to Application Number	:NA	3)NITIN SHARADCHANDRA PRADHAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed herein is a stable amorphous coprecipitate comprising varenicline tartrate and a pharmaceutically acceptable excipient selected from the group consisting of maltodextrin, lactose monohydrate and 2-hydroxypropyl- β -cyclodextrin, method for the preparation, pharmaceutical compositions, and method of treating thereof. Advantageously, the amorphous coprecipitates of varenicline tartrate disclosed herein have improved physiochemical characteristics that assist in the effective bioavailability.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1500/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :16/04/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : STABLE COMPOSITION COMPRISING THIOTEPA

(51) International classification	:A61K31/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MYLAN LABORATORIES LTD
(32) Priority Date	:NA	Address of Applicant :PLOT NO 564/A/22, ROAD NO 92,
(33) Name of priority country	:NA	JUBILEE HILLS, HYDERABAD - 500 034 Andhra Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)VELHAL, SURAJ
(61) Patent of Addition to Application Number	:NA	2)CHINNARI, HARISH
Filing Date	:NA	3)GORE, SUBHASH
(62) Divisional to Application Number	:NA	4)PANANCHUKUNNATH, MANOJ KUMAR
Filing Date	:NA	5)BHUSHAN, INDU

(57) Abstract :

The invention relates to stable liquid injectable pharmaceutical composition comprising thiotepa, PHARMASOLVE,, (N-methyl-2-pyrrolidone), and optionally one or more pharmaceutically acceptable excipients and processes for preparing the same. The invention also relates to stable liquid injectable pharmaceutical composition comprising thiotepa, ethylenediaminetetraacetic acid (EDTA), sterile water for injection and optionally one or more pharmaceutically acceptable excipients, and processes for preparing the same.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1645/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :26/04/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : A METHOD FOR SMART ACCESS CONTROL

(51) International classification	:G07C	(71)Name of Applicant :
	9/00	1)SCHNEIDER ELECTRIC INDUSTRIES SAS
(31) Priority Document No	:NA	Address of Applicant :35, RUE JOSEPH MONIER, F-92500
(32) Priority Date	:NA	RUEIL MALMAISON France
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SANTOSH PILLAI
Filing Date	:NA	2)VEERENDRA VASAMSETTY
(87) 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 smart access control. The method includes reading an index data of a door by an index reader and reading an identity data of a user by an identity reader, both installed on a hand held device of the user, validating the identity data of the user based on pre-defined self credential data stored on the users hand held device, and allowing access to the user by a door lock unit receiving an authentication signal based on the valid identity data.

No. of Pages : 17 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5599/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : BLIND UPLINK INTERFERENCE CANCELLATION IN WIRELESS NETWORKING

(51) International classification :H04B1/7107

(31) Priority Document No :61/293,959

(32) Priority Date :11/01/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/020891

Filing Date :11/01/2011

(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)QUALCOMM Incorporated`

Address of Applicant :Attn: International IP Administration

5775 Morehouse Drive San Diego California 92121-1714 U.S.A.

(72)Name of Inventor :

1)FAN Zhifei

2)WANG Renqiu

3)XU Hao

(57) Abstract :

Blind interference cancellation is described for wireless networks in which a subject base station or cancellation apparatus obtains semi-static information for at least one of its neighboring cells. The base station measures the noise level of each of the neighboring cells based on samples it takes of uplink transmissions in each of the neighboring cells. The neighboring cells are then ranked for interference cancellation based on their relative noise levels. The base station performs discontinuous transmission (DTX) detection to identify at least one interfering user equipment (UE) in the neighboring cell and cancels interference attributable to those identified interfering UEs. The DTX detection and cancelation are then repeated for the remaining neighboring cells in the order they are ranked.

No. of Pages : 56 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5636/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : METAL PRETREATMENT COMPOSITION CONTAINING ZIRCONIUM COPPER ZINC AND NITRATE AND RELATED COATINGS ON METAL SUBSTRATES

(51) International classification	:C23C22/80
(31) Priority Document No	:61/290,324
(32) Priority Date	:28/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/062123
Filing Date	:27/12/2010
(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)Henkel AG & Co. KGaA
Address of Applicant :Henkelstrasse 67 D-40589 D⁴usseldorf Germany
(72)**Name of Inventor :**
1)VONK Donald Robb
2)KAPIC Edis
3)GOODREAU Bruce H.
4)BOBADILLA Alvaro Garcia

(57) Abstract :

Disclosed is a pretreatment composition for a metal that provides enhanced corrosion resistance, enhanced paint adhesion and reduced chip damage. The pretreatment is also cleaner because it is based on zirconium rather than zinc phosphates. The pretreatment coating composition in use preferably comprises 50 to 300 parts per million (ppm) zirconium, 0 to 100 ppm of SiO₂, 150-2000 ppm of total fluorine and 10-100 ppm of free fluorine, 150 to 10000 ppm of zinc and 10 to 10000 ppm of an oxidizing agent and has a pH of 3.0 to 5.0, preferably about 4.0. The coating composition can optionally include 0 to 50 ppm of copper. The suitable oxidizing agents can be selected from a large group. The pretreatment coating composition greatly enhances the corrosion resistance of a wide variety of metal substrates including cold rolled steel, hot rolled steel, stainless steel, steel coated with zinc metal, zinc alloys such as electro galvanized steel, galvalume, galvalume, hot dipped galvanized steel, aluminum alloys and aluminum substrates.

No. of Pages : 32 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5637/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : CONCENTRIC KNURL BALL JOINT

(51) International classification	:B60G7/00
(31) Priority Document No	:12/630,357
(32) Priority Date	:03/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/058190
Filing Date	:29/11/2010
(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)FEDERAL-MOGUL CORPORATION
Address of Applicant :26555 Northwestern Highway
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(72)**Name of Inventor :**
1)WILCUTT Michael
2)PHILLIPS George
3)DAKE Anthony
4)WILLIAMS Rickie
5)SHORES Chris
6)SWAYER Kennon Bret

(57) Abstract :

A replacement ball joint assembly (10) adapted to be pressed into a previously used and possibly distorted receiving hole (26) in a suspension component such as a control arm (28). A socket housing (12) of the assembly (10) includes a plurality of generally annular concentric knurls (36) each having a respective crest portion (38) and separated one from another by intervening relief grooves (40). The crest portions (38) of the knurls (36) may be tapered so as to provide a lead-in feature to minimize misalignment during a press-in installation operation. The knurls (36) are preferably softer than the control arm material so that they yield during press-in rather than further disfiguring or enlarging the receiving hole (26). Displaced material from the crest portions (38) of the knurls (36) flows into the relief grooves.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5603/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : INFRARED FRAME DETECTOR

(51) International classification :G01J1/02
(31) Priority Document No :2009-279693
(32) Priority Date :09/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/071813
Filing Date :06/12/2010
(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)Panasonic Corporation
Address of Applicant :1006 Oaza Kadoma Kadoma-shi
Osaka 571-8501 Japan
(72)Name of Inventor :
1)Takayuki NISHIKAWA
2)Yoshifumi WATABE
3)Yuichi INABA
4)Takahiko HIRAI

(57) Abstract :

An infrared flame detector of the present invention has an infrared radiation receiving element accommodated in a package. In the infrared radiation receiving element, a set of two pyroelectric elements are arranged side by side and connected in anti-series on a pyroelectric element forming substrate. An infrared optical filter includes a filter forming substrate made of an infrared radiation transmitting material, a set of two narrowband transmission filter sections formed at positions respectively corresponding to positions of the pyroelectric elements on a first surface of the filter forming substrate and configured to transmit infrared radiation of a first selective wavelength defined as a specific wavelength of infrared radiation generated by resonance radiation of CO₂ gas resulting from a flame and infrared radiation of a second selective wavelength defined as a reference wavelength different from the specific wavelength, and a broadband blocking filter section formed on a second surface of the filter forming substrate and configured to absorb infrared radiation of a wavelength longer than an upper limit of an infrared reflection band defined by the narrowband transmission filter sections. Each narrowband transmission filter section has a wavelength selection layer that is interposed between a first $\lambda/4$ multilayer film and a second $\lambda/4$ multilayer film and has an optical film thickness selected according to the selective wavelength.

No. of Pages : 53 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5604/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : MICROSPHERES OF HYDROLYSED STARCH WITH ENDOGENOUS CHARGED LIGANDS

(51) International classification :A61K31/718

(31) Priority Document No :0901521-5

(32) Priority Date :04/12/2009

(33) Name of priority country :Sweden

(86) International Application No :PCT/SE2010/051268

Filing Date :17/11/2010

(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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Lund Sweden.

(72)Name of Inventor :

1)Malin MALMSJ-

2)Eddie THORDARSON

3)Sten Peter APELL

4)Peter FYHR

(57) Abstract :

The present invention relates to biodegradable microspheres having a diameter of 10-2000 µm comprising cross-linked hydrolysed starch onto which at least one type of ligand has been coupled via a carboxylic ester bond. The ligand shall be an endogenous charged molecule with a molecular mass of less than 1000 Da comprising at least one additional carboxylic acid function in addition to the one utilised for coupling the ligand to the microsphere and/or at least one amine function. On average 0.05-1.5 ligands are coupled to each glucose moiety in the hydrolysed starch.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5605/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : IMPROVED CARBONYLATION PROCESS

(51) International classification	:B01J31/24
(31) Priority Document No	:0921876.9
(32) Priority Date	:15/12/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/052093
Filing Date	:15/12/2010
(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)LUCITE INTERNATIONAL UK LIMITED
Address of Applicant :Cumberland House 15-17 Cumberland Place Southampton Hampshire SO15 2BG United Kingdom
(72)**Name of Inventor :**
1)EASTHAM Graham Ronald
2)RICHARDS Philip Ian

(57) Abstract :

A method of increasing the TON of a catalyst system for the monocarbonylation of ethylenically unsaturated compounds using carbon monoxide in the presence of a co-reactant, other than water or a source thereof, having a mobile hydrogen atom is described. The catalyst system is obtainable by combining: (a) a metal of Group 8, 9 or 10 or a suitable compound thereof; (b) a ligand of general formula (I) wherein the groups X3 and X4 independently represent univalent radicals of up to 30 atoms or X3 and X4 together form a bivalent radical of up to 40 atoms and X5 has up to 400 atoms; Q1 represents phosphorus, arsenic or antimony; and c) optionally, a source of anions. The method includes the step of adding water or a source thereof to the catalyst system. The method is preferably carried out in the presence of an electropositive metal.

No. of Pages : 142 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2911/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :01/10/2010

(43) Publication Date : 01/11/2013

(54) Title of the invention : POWERLESS RESET IN A SELF POWERED RELAY

(51) International classification	:H01H	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ABB TECHNOLOGY LTD
(32) Priority Date	:NA	Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050
(33) Name of priority country	:NA	ZURICH Switzerland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)HARDIK B PATEL
(87) International Publication No	: NA	2)JATIN PARMAR
(61) Patent of Addition to Application Number	:NA	3)MOHAMMED Y SHAFI
Filing Date	:NA	4)NIRAJ SUTHAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A self powered relay having a feature for powerless trip reset in the relay is provided. The relay makes use of one or more capacitors for storing energy for trip operations during the normal condition in an electrical system. The stored energy is utilized during a trip reset operation when there is no power supply derivable from the current flowing in the electrical path of the equipment being protected. The charging of the storage capacitors is enabled with help of a switch in the charging/discharging path of the capacitors and a microcontroller that controls the switch to operate the switch algorithmically for charging operation. The relay uses an electromagnetic flag for capturing the trip state of the relay. The trigger for trip set in the electromagnetic relay is generated by the relay and the reset of the electromagnetic flag is generated by a user of the relay with help of a push button or devices alike. A method for enabling reset of a trip state in the self powered relay is also provided.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3558/CHE/2011 A

(19) INDIA

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

(43) Publication Date : 01/11/2013

(54) Title of the invention : LINKAGE MECHANISM BETWEEN PISTON AND CRANK SHAFT OF A FOUR STROKE ENGINE

(51) International classification	:F02B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MANGALAPILLIL GOPALAN SAHADEVAN NAIR
(32) Priority Date	:NA	Address of Applicant :MANGALAPILLIL THUNDIYIL
(33) Name of priority country	:NA	HOUSE, PANDANAD P.O, CHENGANNUR 689 506 Kerala
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MANGALAPILLIL GOPALAN SAHADEVAN NAIR
(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 linkage mechanism between the piston and crank which will transmit more energy than the conventional system with the expansion stroke longer than the suction stroke The horizontally mounted linkage assembly consists of a rectangular frame with a connecting rod to the piston at left side and a support rod at right side slidingly fixed to the engine body. A left and right moving member perpendicular up to the center of the crank shaft, bent towards the piston side and extends certain length, turns perpendicular again, fitted in slots of the upper and lower frame bars..A stopper bar is fitted between the upper and lower frames. A spring is fitted in between the left frame bar and the moving bar. so it is kept pressurized towards the stopper bar. The moving bar is locked to the frame during compression stroke and a part of expansion stroke.

No. of Pages : 26 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5753/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : HYDRAULIC BINDER COMPRISING A GROUND BLAST FURNACE SLAG

(51) International classification :C04B18/14
(31) Priority Document No :MI2009A002105
(32) Priority Date :30/11/2009
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2010/068465
Filing Date :30/11/2010
(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 :Via G. Camozzi 124 24121 Bergamo
Italy
(72)Name of Inventor :
1)CANGIANO Stefano
2)PRINCIGALLO Antonio

(57) Abstract :

The present invention concerns a hydraulic binder comprising a ground blast furnace slag in an amount comprised between 30% and 95% by mass on the binder, Portland cement clinker in an amount equal to or greater than 5% by mass on the binder, and at least one sulphate as activator, characterised in that said slag has the following properties and composition by mass: grinding fineness greater than 4000 cm²/g Blaine glass content greater than 80% SiO₂: 30-40% Al₂O₃: 9-13% CaO: 34-42% with a (CaO+MgO)/(Al₂O₃+SiO₂) ratio greater than 1; and in that said sulphate is contained in a total amount, expressed as SO₃, comprised between 0.6% and 4.5% by mass on the binder.

No. of Pages : 14 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5754/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD APPARATUS AND SYSTEM FOR SHARING NETWORK TRAFFIC

(51) International classification :H04L12/56
(31) Priority Document No :201010223998.3
(32) Priority Date :02/07/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2011/073855
Filing Date :10/05/2011
(87) International Publication No : NA
(61) Patent of Addition to Application :NA
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. China
(72)Name of Inventor :
1)YI Ke
2)DI Haibing

(57) Abstract :

Embodiments of the present invention provide a method, an apparatus, and a system for sharing network traffic. The method includes: receiving a flow label in a message sent by an upper-level node; adjusting the flow label, so that flow labels of adjacent intermediate nodes are different; and performing equal-cost path routing according to the adjusted flow label. With the technical solutions described in the embodiments of the present invention, a flow label in a received message is adjusted at an intermediate node, so that flow labels obtained by adjacent intermediate nodes are different, and therefore, traffic sharing of each node is effective, and flexibility of the traffic sharing of each node is improved.

No. of Pages : 18 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1535/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :18/04/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : PAZOPANIB HC1 POLYMORPH AND PROCESS FOR PREPARATION THEREOF

(51) International classification	:A61K31/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SHILPA MEDICARE LIMITED
(32) Priority Date	:NA	Address of Applicant :2ND FLOOR, 10/80, RAJENDRA
(33) Name of priority country	:NA	GUNJ, RAICHUR Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SHRAWT, VIMAL KUMAR
(87) International Publication No	: NA	2)PUROHIT, PRASHANT
(61) Patent of Addition to Application Number	:NA	3)RAFIUDDIN
Filing Date	:NA	4)KOKARE, NAGNNATH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to process for preparing crystalline Pazopanib HC1 (I) The crystalline form designated as Form- SP of Pazopanib HC1 (I) obtained by the process/es according to the present invention is useful as an anti-cancer agent.

No. of Pages : 26 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3909/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :15/11/2011

(43) Publication Date : 01/11/2013

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

(51) International classification	:B41M	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MYLAN LABORATORIES LTD
(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)Name of Inventor :
(87) International Publication No	: NA	1)JETTI, RAMAKOTESWARA RAO
(61) Patent of Addition to Application Number	:NA	2)BHOGALA, BALAKRISHNA REDDY
Filing Date	:NA	3)BEERAVELLI, SATISH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved process for the preparation of Febuxostat Form-K. The present invention also relates to a novel crystalline form Mi of Febuxostat.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1433/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :10/04/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : ANTERIOR ATLANTOAXIAL STABILIZATION BY LATERAL MASS SCREW FIXATION

(51) International classification	:A61B17/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VANNEMREDDY SATYA SURYA VENKATESWARA
(32) Priority Date	:NA	PRASAD S/O SRI V.S.R. MURTY
(33) Name of priority country	:NA	Address of Applicant :57-10-21, NEW POSTAL COLONY,
(86) International Application No	:NA	PATAMATA, VIJAYAWADA - 10 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)VANNEMREDDY SATYA SURYA VENKATESWARA
(61) Patent of Addition to Application Number	:NA	PRASAD S/O SRI V.S.R. MURTY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a Medical Device and a Medical Procedure for ATLANTOAXIAL STABILIZATION BY LATERAL MASS SCREW FIXATION. More particularly, the present invention relates to a device that greatly improves the safety, post operative recovery and ease of surgery to repair upper cervical spine (vertebral column, bones) damage. The present invention also is a superior procedure for fixation of the atlantoaxial region, which reduces the complexity of this operation, while reducing the risk of infection, risk of repeated surgeries and anesthesia and possible injury to arteries and nerve roots. In other words, this invention is a quantum jump in the Medical field of practice, wherein the PatientTMs preoperative and postoperative risks are greatly reduced.

No. of Pages : 27 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1503/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :16/04/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF ERLOTINIB HYDROCHLORIDE FORM A

(51) International classification	:C07D239/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LAURUS LABS PVT LTD
(32) Priority Date	:NA	Address of Applicant :2ND FLOOR, SERENE CHAMBERS
(33) Name of priority country	:NA	ROAD #7, BANJARA HILLS HYDERABAD - 500 034 Andhra
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SRINIVAS, SIMHADRI
(61) Patent of Addition to Application Number	:NA	2)ARUN GUNWANTHRAO, BIRADAR
Filing Date	:NA	3)VENKATA SUNIL KUMAR, INDUKURI
(62) Divisional to Application Number	:NA	4)SEETA RAMANJANEYULU GORANTLA
Filing Date	:NA	5)SATYANARAYANA CHAVA

(57) Abstract :

The present invention relates to an improved process for the preparation of erlotinib hydrochloride pure form A. The present invention also provides a pharmaceutical composition using the erlotinib hydrochloride pure Form A of the invention.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1654/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : HEURISTIC HEIGHT ADJUSTABLE TRACK MECHANISM FOR A STAIR CLIMBING WHEELCHAIR

(51) International classification	:A61G 5/00	(71)Name of Applicant : 1)SATHYABAMA UNIVERSITY Address of Applicant :JEPPIAAR NAGAR, RAJIV GANDHI ROAD, CHENNAI - 600 119 Tamil Nadu India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)DR. ANIMA NANDA
Filing Date	:NA	2)MRS. MARIAZEENA JOHNSON
(87) International Publication No	: NA	3)LEELA VENKATA NAGANJAN PILLI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A wheelchair which employs heuristic height adjustable track mechanism for all terrain uses including stair climbing comprising four inverted triangular shaped tracks, mounted on two T-shaped track frames to form front and back track sets; sprockets and rollers on which the inverted triangular shaped tracks are placed before mounting on the T-shaped track frames; mounting points for rollers on the track frame; a motor whose shaft is coupled to a sprocket on the front track frame; two parallel connecting rods to keep the T-shaped track frames parallel to each other; a seat assembly comprising of a seat frame on which a seat is mounted, arm rest, foot rest, joystick for changing the direction of movement of the wheelchair and actuator switch for adjusting the angle of the chair according to the height of the obstacle/step to be climbed; an actuator attached between the seat frame and one of the track frames whose length/size is adjusted according to the height of the obstacle or step; a chain sprocket mechanism consisting of two chain sprockets on either side of a motorized sprocket of the front track frame which connects it with a non-motorized sprocket of the back track frame by means of a chain; a track frame separator for separating the T-shaped frames of the track sets; a controller attached to the framework to which the motor and joystick wiring are connected; batteries ; and side plates to prevent the inverted triangular shaped tracks from slipping off the sprockets.

No. of Pages : 16 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4584/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :27/12/2011

(43) Publication Date : 01/11/2013

(54) Title of the invention : DISMANTLING MOUNTING FIXTURES IN VARIANTS WITHOUT WELDING FOR SINGLE AND SEVERAL NUMBER OF PV MODULES ON ROOF-TOP

(51) International classification	:B23K	(71) Name of Applicant :
(31) Priority Document No	:NA	1)S. DEVANEYAN
(32) Priority Date	:NA	Address of Applicant :#3/1222, ANNAI ANJUHAM
(33) Name of priority country	:NA	NAGAR, CHETTYMANDAPAM, KUMBAKONAM - 612 001
(86) International Application No	:NA	Tamil Nadu India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)S. DEVANEYAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Dismountable fixture made by GI nipples [1-1], [1-2] and T [2] bends; coupling [3] and join plates[4] and all these can be included or interconnected to outline a dismountable fixture for fixing solar modules. On peak of this dismantling fixture one or additional solar PV modules [5] can be connected and this set up can be cascaded 'n' numbers in many row wise.

No. of Pages : 7 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5679/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : JOINT-PACK INTEGRATED SPACERS

(51) International classification	:H02G5/00
(31) Priority Document No	:12/630,528
(32) Priority Date	:03/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/058202
Filing Date	:29/11/2010
(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)SCHNEIDER ELECTRIC USA INC.
Address of Applicant :1415 S. Roselle Road Palatine Illinois
60067 United States of America
(72)**Name of Inventor :**
1)OTMLEARY Timothy P.
2)TRAVIS Wesley
3)LESIEUR Thomas N.

(57) Abstract :

A joint pack includes one or more phase members that utilize integrated standoff spacers that protrude and come into contact with opposing conductor plates to maintain a phase space between the phase members. The spacers are located along the insulating plates of the phase members away from the phase memberTMs axial sleeves and protrude through apertures in the conductor plates disposed on the phase members in which the standoff spacers also provide a barrier that prevents phase-conductors from being inserted too far within the phase space. The phase members include axial sleeves that fit within one another during assembly to form a nesting arrangement thereby reducing the overall size of the joint pack while satisfying standards. The axial sleeves can be distinctively designed such that the phase members must be assembled in a predetermined order with no components being omitted to form the joint pack.

No. of Pages : 37 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5512/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :22/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : FLASH VAPOR GENERATOR AND ASSEMBLY COMPRISING A FLASH VAPOR GENERATOR

(51) International classification :A61L2/20
(31) Priority Document No :10 2009 060 512.6
(32) Priority Date :23/12/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/007862
Filing Date :22/12/2010
(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)Metall + Plastic GmbH
Address of Applicant :Bodmanstr. 2 78315 Radolfzell
Germany
(72)Name of Inventor :
1)VON STENGLIN Christoph

(57) Abstract :

The invention relates to a device for generating decontamination agent vapor in particular hydrogen peroxide vapor comprising and evaporator body (9) a heating unit (22) for heating the evaporator body (9) and a plurality of feed channels (28) for feeding decontamination liquid to be evaporated preferably a liquid containing hydrogen peroxide to the evaporator body (9). According to the invention a plurality of blind holes (16) are provided in the single or multi-part evaporator body (9) and at least one of the feed channels (28) is assigned to the blind holes (16).

No. of Pages : 40 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5513/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :22/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : RESERVOIR AND TANK EQUIPPED WITH A SELF-REGULATING HEATING ELEMENT

(51) International classification	:F01N3/20
(31) Priority Document No	:09180731.3
(32) Priority Date	:24/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/070669
Filing Date	:23/12/2010
(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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(SOCIÉTÉ ANONYME)
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Bruxelles Belgium
(72)**Name of Inventor :**
1)CHOI Jae Sik

(57) Abstract :

A reservoir for holding a quantity of fluid within a tank said reservoir being equipped with a first resistive element (R3) for heating a first part of said tank and a second resistive element (R2) for heating a second part of said tank said second resistive element having a positive temperature coefficient characterized in that said reservoir further comprises a third resistive element (R1) for heating said second part of said tank said second resistive element and said third resistive element forming a parallel circuit and said first resistive element being connected in series with said parallel circuit.

No. of Pages : 14 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5690/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : NEW INHIBITORS OF CYCLOPHILINS AND USES THEREOF•

(51) International classification :C07C275/24

(31) Priority Document No :09306294.1

(32) Priority Date :21/12/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/070359

Filing Date :21/12/2010

(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)INSTITUT NATIONAL DE LA SANTE ET DE LA
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(72)Name of Inventor :

1)GUICHOU Jean-Francois

2)COLLIANDRE Lionel

3)AHMED-BELKACEM Hakim

4)PAWLOTSKY Jean-Michel

(57) Abstract :

The present invention relates to a compound of formula (I): Formula (I) wherein: - n is 0 1 or 2; - A is in particular CH or N; - X is in particular CO SO₂ CS and R₁ is in particular H - R₂ is a group of formula NR₃R₄ or OR₅ R₃ and R₄ being in particular H and R₅ an alkyl group - R₆ is in particular H or an alkyl group and - R₇ is in particular an aryl group substituted with at least one NH₂ group for its use in the prevention and/or the treatment of viral pathologies or infections.

No. of Pages : 141 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5641/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD AND APPARATUS FOR POWER CONTROL

(51) International classification :H04B7/005
(31) Priority Document No :200910238852.3
(32) Priority Date :30/12/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/079935
Filing Date :17/12/2010
(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)Huawei Technologies Co. Ltd.
Address of Applicant :Huawei Administration Building
Bantian Longgang District Shenzhen Guangdong 518129 P.R.
China. China
(72)Name of Inventor :
1)HAN Guanglin
2)QUAN Wei
3)JIANG Yi
4)ZHANG Qiao
5)ZHANG Wurong
6)QIN Zhongbin

(57) Abstract :

A power control method is provided, which is applicable to the communication field. The method includes: obtaining power headroom information of an aggregated carrier of a User Equipment (UE), where the aggregated carrier includes at least one component carrier group and at least one first carrier, or includes at least one component carrier group, or includes at least two first carriers, the component carrier group includes at least two second carriers, and the first carrier and the second carrier are single carriers; and adjusting transmit power of the aggregated carrier according to the power headroom information. The method enables reporting of power headroom of the aggregated carrier of the UE in a multi-carrier scenario, so that the base station can control the transmitting power of the UE reliably, and therefore, reliability and throughput of the system are improved.

No. of Pages : 46 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5642/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHODS AND APPARATUS FOR CONTENTION-BASED UPLINK ACCESS IN WIRELESS COMMUNICATION SYSTEMS

(51) International classification :H04W74/00

(31) Priority Document No :61/294,079

(32) Priority Date :11/01/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/020896

Filing Date :11/01/2011

(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)QUALCOMM Incorporated

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714 USA.
U.S.A.

(72)Name of Inventor :

1)RAY Siddharth

2)SAMPATH Ashwin

3)MADAN Ritesh Kumar

(57) Abstract :

Methods and apparatus for contention-based access in a wireless communication system are disclosed. A base station may determine a contention-based resource allocation comprising a subset of available system resources. Information related to the contention-based resources may be sent to a user device. In addition state information may be provided to the UE. The UE may generate and send a contention-based uplink transmission consistent with the allocated resources and state information.

No. of Pages : 67 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5680/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : JOINT PACK WITH NESTING INSULATORS

(51) International classification :H02G5/00
(31) Priority Document No :12/630,514
(32) Priority Date :03/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/058212
Filing Date :29/11/2010
(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)SCHNEIDER ELECTRIC USA INC.
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United States of America .
(72)**Name of Inventor :**
1)LESIEUR Thomas N.
2)OTMLEARY Timothy P.
3)TRAVIS Wesley
4)PLUMMER David O.
5)RODRIGUES Carlton R.
6)LEE Gregory B.

(57) Abstract :

A bus assembly and bus assembly connector include one or more insulated members that have axial sleeves that fit within one another during assembly to form a nesting arrangement. The nesting arrangement of the axial sleeves allow reduction of the overall size of the bus assembly connector while satisfying power rating standards and dielectric clearances as well as allowing bolting of the bus assembly to thereby clamp and secure the bus assembly. The axial sleeves can be distinctively designed such that the phase members must be assembled in a predetermined order with no components being omitted to form the bus assembly connector or clamp the bus assembly.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5681/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD AND APPARATUS FOR SWITCHING BETWEEN SINGLE USER DETECTION AND MULTI USER DETECTION

(51) International classification	:H04B7/08
(31) Priority Document No	:61/296,720
(32) Priority Date	:20/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/021937
Filing Date	:20/01/2011
(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)QUALCOMM Incorporated
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(72)**Name of Inventor :**
1)BHATTAD Kapil
2)GAAL Peter
3)GOROKHOV Alexei Yurievitch
4)MONTJOJO Juan
5)BHUSHAN Naga

(57) Abstract :

Certain aspects of the present disclosure propose methods and apparatuses for detecting whether a user device is scheduled for a single user (SU) multiple-input multiple-output (MIMO) communication mode or for a multi-user (MU) MIMO communication mode. In an aspect, a method for wireless communications is provided which includes measuring, at a first apparatus based on received pilot signals, a first receive power corresponding to a first channel associated with the first apparatus, measuring, based on the received pilot signals, a second receive power corresponding to a second channel associated with at least one potentially present second apparatus, measuring a residual interference based on the received pilot signals, and determining, based on at least one of the first receive power, the second receive power and the residual interference, whether to apply a MU detection or a SU detection for estimating data received at the first apparatus.

No. of Pages : 37 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5682/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHODS AND DEVICES FOR PRESSURE DETECTION

(51) International classification :H04R19/04

(31) Priority Document No :61/295,613

(32) Priority Date :15/01/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/020715

Filing Date :10/01/2011

(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)QUALCOMM MEMS Technologies Inc.

Address of Applicant :5775 Morehouse Drive San Diego
California 92121 USA.

(72)Name of Inventor :

1)GOVIL Alok

2)KOTHARI Manish

(57) Abstract :

Methods and devices for detecting pressure applied to a device are described herein. In one embodiment the device comprises a first layer and a second layer positioned below the first layer. The first layer and the second layer form a cavity. The device further comprises a plurality of display elements disposed in the cavity. The device further comprises a sensor configured to measure the relative movement between the first layer and the second layer. In another embodiment the device may detect sound waves.

No. of Pages : 44 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5683/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : DYNAMIC DATA BINDING FOR MOBILE BUSINESS OBJECTS•

(51) International classification :G06F15/16
(31) Priority Document No :12/650,464
(32) Priority Date :30/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/061547
Filing Date :21/12/2010
(87) International Publication No : NA
(61) Patent of Addition to Application :NA
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)SYBASE INC.

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(72)Name of Inventor :

1)BRANDOW David

2)ALBERTI Johannes

3)MUKKAMALA Himagiri

(57) Abstract :

Systems methods and computer program products for dynamically binding data from a remote data source in a container-based mobile application are described herein. The method includes the steps of: 1) defining a metadata source that references both a mobile business object (MBO) and the mobile application the MBO being connected to the remote data store; 2) binding an attribute from the MBO to the mobile application using the metadata source; and 3) changing dynamically the binding of the attribute while the mobile application is executing.

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5506/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :22/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : USE OF HYPERBRANCHED POLYESTERS IN COSMETIC AND DERMATOLOGICAL FORMULATIONS

(51) International classification	:C08G63/46
(31) Priority Document No	:09177210.3
(32) Priority Date	:26/11/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/067872
Filing Date	:22/11/2010
(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)WENDEL Volker

2)LAUBENDER Matthias

3)STUMBE Jean-Francois

4)BRUCHMANN Bernd

(57) Abstract :

The present invention relates to compositions which comprise highly branched polyesters to the use of these highly branched polyesters in cosmetics and dermatology and to substituted highly branched polyesters.

No. of Pages : 29 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5507/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :22/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : USE OF HYPERBRANCHED POLYCARBONATES IN COSMETIC AND DERMATOLOGICAL FORMULATIONS

(51) International classification	:A61K8/84
(31) Priority Document No	:09177203.8
(32) Priority Date	:26/11/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/067982
Filing Date	:23/11/2010
(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

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(72)Name of Inventor :

1)WENDEL Volker

2)LAUBENDER Matthias

3)STUMBE Jean-Francois

4)BRUCHMANN Bernd

(57) Abstract :

The invention relates to compositions containing hyperbranched polycarbonates to the use of said hyperbranched polycarbonates in cosmetics and dermatology and to substituted hyperbranched polycarbonates.

No. of Pages : 27 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5508/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :22/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : EXHAUST SYSTEM FOR A VEHICULAR POSITIVE IGNITION INTERNAL COMBUSTION ENGINE

(51) International classification	:B01D53/94
(31) Priority Document No	:0922612.7
(32) Priority Date	:24/12/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/052209
Filing Date	:23/12/2010
(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)ARNOLD Louise Clare
2)BRISLEY Robert James
3)COLLINS Neil Robert
4)GREENWELL David Robert
5)MORGAN Christopher Gough

(57) Abstract :

An exhaust system (10) for a vehicular positive ignition internal combustion engine (12) comprises a filter (20) for filtering particulate matter from exhaust gas emitted from the engine, which filter comprising a porous substrate having inlet surfaces and outlet surfaces, wherein the inlet surfaces are separated from the outlet surfaces by a porous structure containing pores of a first mean pore size, wherein the porous substrate is coated with a three-way catalyst washcoat comprising a plurality of solid particles wherein the porous structure of the washcoated porous substrate contains pores of a second mean pore size, and wherein the second mean pore size is less than the first mean pore size and a three-way catalyst washcoat disposed on a separate substrate monolith (18) located upstream of the filter, wherein a mass of three-way catalyst washcoat on the upstream substrate monolith is <75% of the total mass of three-way catalyst washcoat in the exhaust system.

No. of Pages : 45 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5509/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :22/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : SYSTEM TO DETECT ANOMALOUS FLUIDS IN AN SCR SYSTEM

(51) International classification :G01F23/74

(31) Priority Document No :09180734.7

(32) Priority Date :24/12/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/069176

Filing Date :08/12/2010

(87) International Publication No : NA

(61) Patent of Addition to Application :NA

Number :NA

Filing Date

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)GEORIS Philippe Lucien Valmy

(57) Abstract :

A system for a fluid tank (410) for storing a urea solution in a motor vehicle (400) said system comprising a first float (101) having a first density and a second float (102) having a second density said first and second floats being movably arranged on guiding means (110) in said fluid tank (410) wherein said first density is less than a density of said urea solution at a reference temperature but greater than a density of water at said reference temperature and said second density is less than said density of water at said reference temperature and wherein said system further comprises a control system (420) adapted to receive signals indicative of a level of said floats (101, 102) said control system (420) being further adapted to generate an anomaly signal in response to detecting sinking of said first float (101) and floatation of said second float (102).

No. of Pages : 14 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.850/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :14/04/2009

(43) Publication Date : 01/11/2013

(54) Title of the invention : CONFORMATIONALLY CONSTRAINED PEPTIDE MIMETICS

(51) International classification	:C07K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Indian Institute of Science
(32) Priority Date	:NA	Address of Applicant :Bangalore - 560012 Karnataka India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)Erode Nagarajan Prabhakaran
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 :

Conformationally constrained peptide mimetics in which a hydrogen bond interaction is replaced with a covalent hydrogen bond mimic are provided. Also provided are various methods of making these peptide mimetics.

No. of Pages : 76 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5571/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : ILLUMINATION DEVICE WITH METALIZED LIGHT-TURNING FEATURES

(51) International classification :G06F3/044

(31) Priority Document No :61/290,868

(32) Priority Date :29/12/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/061895

Filing Date :22/12/2010

(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 MEMS Technologies Inc.

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(72)Name of Inventor :

1)BITA Ion

2)DHANENS Stephen P.

3)GOUSEV Evgeni P.

4)NARAYANAN Kollengode S.

(57) Abstract :

This disclosure provides systems methods and apparatus for a front illumination device with metalized light-turning features. In one aspect an illumination device with integrated touch sensor capability comprises a light guide having a metalized light- turning feature and an electrode system for sensing changes to the capacitance between electrodes in the electrode system induced by the proximity of an electrically conductive body such as a human finger. The metalized light-turning features may be electrically connected to and/or part of the electrode system.

No. of Pages : 69 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5755/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : A MOTION-BASED ATTRACTION

(51) International classification :A63G31/00

(31) Priority Document No :12/630,911

(32) Priority Date :04/12/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/041670

Filing Date :12/07/2010

(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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Address of Applicant :Universal City Plaza Universal City
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(72)Name of Inventor :

1)CORTELYOU Robert J.

2)BLUM Steven C.

3)COUP Thierry Jean-Andre

4)MCQUILLAN Brian

(57) Abstract :

The present disclosure provides a motion- based attraction device engagable with a plurality of spaced guest supports that are movable along a path having a rotatable carousel configured to temporarily and separately synchronize with the plurality of spaced guest supports at least one pair of domes supported by the carousel each dome having a viewing portion that is positioned towards the guest supports and the dome being movable to temporarily cover the guest supports and an image projecting assembly supported by each dome and configured to display an image on the viewing portion.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5756/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : SYSTEM AND METHOD FOR RADIO LINK RECOVERY

(51) International classification :H04W76/02

(31) Priority Document No :12/649,154

(32) Priority Date :29/12/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/024175

Filing Date :12/02/2010

(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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U.S.A.

(72)Name of Inventor :

1)KUMAR Vanitha A.

2)UMATT Bhupesh M.

3)SURESHCHANDRAN Swaminathan

4)MAHAJAN Amit

(57) Abstract :

Devices and methods are provided for expedited recovery from radio link failure or the like. In one embodiment the method involves collecting at least one optional system information block (SIB) during connected mode wherein the at least one optional SIB comprising neighbor information. In another embodiment the method involves storing dedicated information provided by a base station through a dedicated channel. The method generally involves using the neighbor information and/or dedicated information for cell selection in response to the radio link failure.

No. of Pages : 48 No. of Claims : 64

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5757/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD AND APPARATUS FOR POWER SCALING FOR MULTI-CARRIER WIRELESS TERMINALS

(51) International classification	:H04W52/34
(31) Priority Document No	:61/297,245
(32) Priority Date	:21/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/022042
Filing Date	:21/01/2011
(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)QUALCOMM Incorporated
Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714.
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(72)**Name of Inventor :**
1)DAMNJANOVIC Jelena M.
2)MONTJO Juan
3)DAMNJANOVIC Aleksandar

(57) Abstract :

Techniques for adjusting transmission power of one or more channels of a power-limited wireless device are disclosed. A required transmission power can be allocated to one or more control channels such as a retransmission feedback channel and a remaining transmission power can be apportioned among other control channels and/or data channels. Transmission power can be allocated among the other control channels and/or data channels according to a reduction from the required transmission power for the channels according to power coefficients for scaling transmission power allocated to the channels and the like.

No. of Pages : 38 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5758/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : VIRUS RESISTANT TRANSGENIC SILKWORM

(51) International classification	:C12N15/113
(31) Priority Document No	:332/CHE/2011
(32) Priority Date	:04/02/2011
(33) Name of priority country	:India
(86) International Application No	:PCT/IN2012/000083
Filing Date	:03/02/2012
(87) 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)JAVAREGOWDA Nagaraju

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(72)Name of Inventor :

1)JAVAREGOWDA Nagaraju

2)KANGINAKUDRU Sriramana

(57) Abstract :

Virus resistant transgenic silkworms and process of production the same are provided herein. The transgenic silkworm as disclosed herein exhibits simultaneous and constitutive expression of double-stranded RNA of at least two viral genes. The transgenic silkworms of the present invention are produced by RNA interference (RNAi) mediated inhibition of viral genes of baculovirus.

No. of Pages : 56 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5522/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : NON OZONE DEPLETING AND LOW GLOBAL WARMING POTENTIAL REFRIGERANTS FOR LOW TEMPERATURE REFRIGERATION•

(51) International classification	:C09K5/04
(31) Priority Document No	:0922288.6
(32) Priority Date	:21/12/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/002314
Filing Date	:21/12/2010
(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)POOLE JOHN EDWARD

2)POWELL RICHARD

(57) Abstract :

Non ozone depleting and non flammable refrigerant compositions with GWPs less than 2 000 ITH which replace R404A R507 HCFC22 and CFC502 in refrigeration systems.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5698/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : SERVICES CLOUD SYSTEM AND SERVICE REALIZATION METHOD

(51) International classification :H04W80/00
(31) Priority Document No :200910217242.5
(32) Priority Date :30/12/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/071662
Filing Date :30/12/2009
(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)ZTE CORPORATION
Address of Applicant :ZTE Plaza Keji Road South Hi-Tech
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(72)Name of Inventor :
1)Shijun ZHOU

(57) Abstract :

The present invention discloses a services cloud system and a service realization method. A service processing module processes a core service logic part of an application service and calls a data processing module. The data processing module calls a tool and algorithm library of an open service logic module to process the service data and stores the results into a distributed file system module. The system and service realization method implement unified service products and save network resources.

No. of Pages : 24 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5699/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : APPARATUSES AND METHODS FOR ENABLING A USER TO CONSUME PROTECTED CONTENTS OF A CONTENT PROVIDER•

(51) International classification	:G06F21/22
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/SE2010/050164
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

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CHENG Yi
2)BJ-RKENGREN Ulf
3)CATREIN Daniel
4)HARTUNG Frank

(57) Abstract :

The embodiments of the present invention relate to apparatuses in terms of a client device (110) and a server (120) and to methods in the client device (110) and in the server (120) respectively for enabling a user to consume content provided by a content provider. According to the method in the client device (120) the method comprises: assembling a request for rights for consuming a content and indicating in the request which content to consume; determining if an upgrade key associated with the content is present in the client device; including in such a case in the request an identifier of the upgrade key that is associated with the content sending the request to the content provider; receiving a response comprising an encrypted rights object; decrypting the encrypted rights object and starting to use the rights object for consuming the content. [

No. of Pages : 39 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5629/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : COATED STABILISED MICROWAVE HEATED FOODS

(51) International classification :A23L1/00
(31) Priority Document No :1000647.6
(32) Priority Date :15/01/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/050055
Filing Date :17/01/2011
(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)CRISP SENSATION HOLDING S.A.
Address of Applicant :1 Rue Pedro-Meylan CH-1208 Geneva Switzerland.
(72)**Name of Inventor :**
1)PICKFORD KEITH

(57) Abstract :

A method of manufacture of a microwave or thermally cookable or reheatable food product wherein the product comprises a substrate comprising pieces of poultry fish red meat dairy or processed food; the method comprising the steps of: applying a coating of an aqueous coating composition to the substrate; wherein the aqueous coating composition comprises water and 0.1 to 5% of a mixture comprising by dry weight: cellulose gum 15-35% modified starch 15-50% hydrocolloid 20-30% proteinaceous component 10-20% wherein the percentages of the ingredients are by dry weight and are selected from the ranges quoted to total 100%; and optional further ingredients applying a first coating of fine crumb to the aqueous coating to form a layer of fine crumb encasing the substrate; applying a batter composition to the first coating to form a batter coating; and optionally applying a layer of outer crumb to the batter coating.

No. of Pages : 22 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5709/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : DETERMINATION OF A POSITION CHARACTERISTIC FOR AN OBJECT

(51) International classification :G06T7/00
(31) Priority Document No :10150478.5
(32) Priority Date :12/01/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2011/050084
Filing Date :10/01/2011
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
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(72)Name of Inventor :
1)VAREKAMP Christian
2)VANDEWALLE Patrick Luc E.
3)MERTENS Mark Jozef Willem

(57) Abstract :

A system for determining a position characteristic for an object in a room comprises an optically identifiable element (103) positioned on a background surface for a detection area of the room. A camera (101) is positioned across the detection area from the optically identifiable element (103) and captures an image comprising the detection area and the optically identifiable element (103). A detector (403) detects the optically identifiable element (103) in the image based on an optical property. An occlusion processor (405) determines an occlusion property for an occlusion of the optically identifiable element (103) in the image in response to the optical property. A position processor (407) determines a depth position in response to the occlusion property where, the depth position is indicative of a position of the object along the optical axis of the camera (101). The invention may for example allow presence detection and rough localization of a person in a room.

No. of Pages : 52 No. of Claims : 19

(54) Title of the invention : TOBACCO-DERIVED SYRUP COMPOSITION

(51) International classification :A24B15/30,A24B15/24
 (31) Priority Document No :12/971,746
 (32) Priority Date :17/12/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/065398
 Filing Date :16/12/2011
 (87) International Publication No :WO 2012/083127
 (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)R. J. REYNOLDS TOBACCO COMPANY

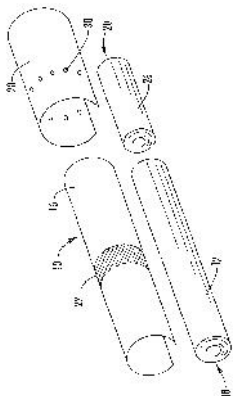
Address of Applicant :401 North Main Street, Winston-Salem, North Carolina 27101, U.S.A.

(72)Name of Inventor :

1)DUBE, Michael Francis**2)COLEMAN, William Monroe, III.****3)GERARDI, Anthony Richard**

(57) Abstract :

The invention provides a tobacco composition for use in a smoking article or a smokeless tobacco composition that comprises a syrup derived from the stalk of a plant of the Nicotiana species. The invention also provides smoking articles and smokeless tobacco compositions that include the syrups described herein, and methods for preparing syrups derived from the stalk of a plant of the Nicotiana species for addition to a tobacco composition.



No. of Pages : 32 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1941/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD FOR PERFORMING A FRIT FIRING CYCLE IN THE MANUFACTURING OF A VACUUM SOLAR THERMAL PANEL

(51) International classification :C03C23/00,C03B29/08,F24J2/46
(31) Priority Document No :10197200.8
(32) Priority Date :28/12/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/006339
Filing Date :15/12/2011
(87) International Publication No :WO 2012/089311
(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)TVP SOLAR SA
Address of Applicant :36, Place du Bourg-de-Four, 1204
Geneva, SWITZERLAND
(72)Name of Inventor :
1)PALMIERI, Vittorio

(57) Abstract :

The present application relates to a method for manufacturing a vacuum solar thermal panel which comprises at least a tempered glass plate and a metal frame attached to said plate, the method comprising a frit firing cycle to form a glass- metal seal, the frit firing cycle comprising a first heating phase of the tempered glass plate up to a maximum temperature (T_m), being the temperature which preserves a suitable pre- stress level of the tempered glass plate. Advantageously according to the invention, the method further comprises a second heating phase (via optical radiation illumination) being a selective heating phase of a melting area of the tempered glass plate performed at a second temperature (T_h) which is above the maximum temperature (T_m).

No. of Pages : 16 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1942/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD FOR PERFORMING AN EXHAUST CYCLE OF A VACUUM SOLAR THERMAL PANEL

(51) International classification :F24J2/05,F24J2/40,F24J2/46
(31) Priority Document No :10197196.8
(32) Priority Date :28/12/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/006338
Filing Date :15/12/2011
(87) International Publication No :WO 2012/089310
(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)TVP SOLAR SA

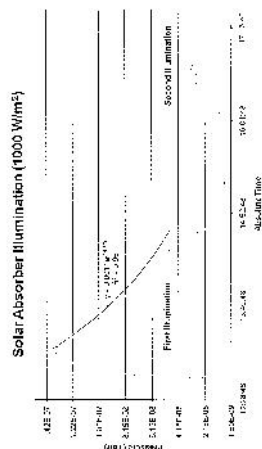
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(72)Name of Inventor :

1)PALMIERI, Vittorio

(57) Abstract :

The present application relates to a method for performing an exhaust cycle of a vacuum solar thermal panel comprising a heating phase of the overall panel up to a maximum temperature (T_m), being the temperature sustainable by at least a panel component. According to the invention it is foreseen a further heating phase being a selective heating phase of some selected panel components, this further heating phase being performed at a second temperature (T_h) which is greater than the maximum temperature (T_m).



No. of Pages : 13 No. of Claims : 9

(54) Title of the invention : PROCESS FOR THE DEPRESSURIZATION OF FLUIDS AND DEVICE SUITABLE FOR THE PURPOSE

(51) International classification :B01D19/00
 (31) Priority Document No :M I201 0A 002429
 (32) Priority Date :28/12/2010
 (33) Name of priority country :Italy
 (86) International Application No :PCT/IB2011/055987
 Filing Date :28/12/2011
 (87) International Publication No :WO 2012/090166
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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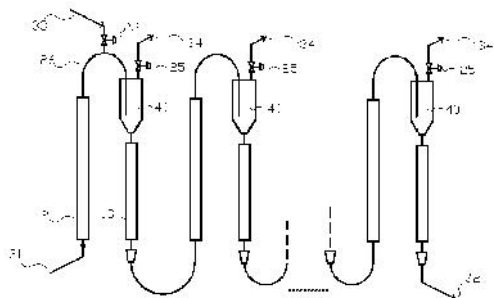
(72)Name of Inventor :

1)FELISARI, Riccardo

2)CASALINI, Alessandro

(57) Abstract :

The device of the present invention allows the pressure of a certain fluid to be reduced without reductions in the cross sectional area or organs in movement. The pressure reduction is obtained by passing the fluid to be depressurized, in sequence, through a plurality of pairs of steps. In the first step of each pair, part of the pressure energy of the fluid is converted to gravitational potential; in the second step the gravitational potential is converted into thermal energy, so as to prevent the reconversion of the same into pressure energy.



No. of Pages : 40 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1944/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : THREE-ROLL CONTINUOUS TUBE ROLLING MILL AND MAIN REDUCER THEREOF

(51) International classification	:B21B35/12,B21B13/10	(71)Name of Applicant :
(31) Priority Document No	:201010555840.6	1)TAIYUAN HEAVY INDUSTRY CO., LTD.
(32) Priority Date	:19/11/2010	Address of Applicant :No.53 Yuhe Street, Wanbailin District,
(33) Name of priority country	:China	Taiyuan City, Shanxi province 030024, P.R. CHINA
(86) International Application No	:PCT/CN2011/082232	(72)Name of Inventor :
Filing Date	:15/11/2011	1)SHI, Min
(87) International Publication No	:WO 2012/065543	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed are a main reducer (30, 60) for a three-roll continuous pipe rolling mill and a three-roll continuous pipe rolling mill comprising the main reducer, wherein the main reducer comprises a combination box which is composed of a plurality of separate boxes (3-1, 3-2, 3-3, 3-4, 6-1, 6-2, 6-3, 6-4) connected via bolts, and the combination surfaces between the separate boxes of the combination box are provided and connected along the lateral direction of the reducer. The present invention has the advantages of reducing oil leakage, having easy installation, maintenance and overhaul, saving overhaul time, ensuring the normal operation and production rhythm of the apparatus, and increasing the production output of steel pipes.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1945/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : DEVICE FOR PHOTOMETRICALLY OR SPECTROMETRICALLY EXAMINING A LIQUID SAMPLE

(51) International classification :G01N21/03,G01N21/05,G01N15/14
(31) Priority Document No :A 2077/2010
(32) Priority Date :15/12/2010
(33) Name of priority country :Austria
(86) International Application No :PCT/AT2011/000497
Filing Date :15/12/2011
(87) International Publication No :WO 2012/079103
(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)VOGL, Wolfgang
Address of Applicant :Dorfstrasse 4, A-2295 Zwerndorf, AUSTRIA
(72)Name of Inventor :
1)VOGL, Wolfgang

(57) Abstract :

The invention relates to a device (1) for photometrically or spectrometrically examining a liquid sample (2), comprising a cuvette (3, 3), which can be arranged in the beam path between a radiation source (4) and a radiation detector (5) and which accommodates the liquid sample (2) to be examined, a radiolucent inlet section (6) for coupling in radiation (20) produced by means of the radiation source (4), which radiation interacts with a sample volume (8), and a radiolucent outlet section (7) for coupling out radiation (20) intended to be detected in the radiation detector (5), wherein the inlet section (6) has an inlet surface (11) convexly curved in such a way and/or the outlet section (7) has an outlet surface (12, 12) spherically convexly curved in such a way that the incident radiation (20, 20) is focused in the manner of a converging lens.

No. of Pages : 17 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1946/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : ENZYMATIC SYNTHESIS OF ACTIVE PHARMACEUTICAL INGREDIENT AND INTERMEDIATES THEREOF

(51) International classification :C12P17/06,C12P17/16,C12N9/88

(31) Priority Document No :10015774.2

(32) Priority Date :20/12/2010

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2011/073412

Filing Date :20/12/2011

(87) International Publication No :WO 2012/095244

(61) Patent of Addition to

Application Number :NA

Filing Date :NA

(62) Divisional to Application

Number :NA

Filing Date :NA

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SLOVENIA

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1)MRAK, Peter

2)ZOHAR, Tadeja

3)OSLAJ, Matej

4)KOPITAR, Gregor

(57) Abstract :

The present invention discloses a process for preparing an active pharmaceutical ingredient (API) or intermediates thereof notably particular step in the synthesis of an intermediate useful for example in the preparation of statins by using an enzyme capable of catalyzing oxidation or dehydrogenation. The invention further provides an expression system effectively translating said enzyme. In addition the invention relates to a specific use of such enzyme for preparing API or intermediate thereof and in particular for preparing statin or intermediate thereof.

No. of Pages : 255 No. of Claims : 26

(54) Title of the invention : TEXTILE MATERIALS COMPRISING TAPES IN TWO OBLIQUE ORIENTATIONS AND ITS METHOD AND MEANS FOR PRODUCTION

(51) International classification :D04C1/02,D04C3/00,B29C70/38
 (31) Priority Document No :11151534.2
 (32) Priority Date :20/01/2011
 (33) Name of priority country :EPO
 (86) International Application No :PCT/EP2012/050820
 Filing Date :20/01/2012
 (87) International Publication No :WO 2012/098209
 (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)TAPE WEAVING SWEDEN AB
 Address of Applicant :Norrby Långgata 45, S-504 35 Borås, SWEDEN
 (72)**Name of Inventor :**
1)KHOKAR, Nandan

(57) Abstract :

A variety of textile materials comprising tapes oriented in two oblique orientations relative to the textile's length and width directions, called OFT for Oblique Fibre Textiles, are disclosed. Such OFTs are provided with secondary structural integrity/stability, in addition to primary structural integrity/stability, for improved resistance to formation of openings/gaps. OFTs comprising tapes, particularly Spread Fibre and Highly Drawn Polymeric types, are needed in a number of applications such as ballistic mitigation, composite materials, safety products etc. because they provide improved performance, material properties/functions and aesthetics. Such OFTs can be used either independently or in combination with other textile materials. Different types of OFTs are producible by a novel OFT forming process which is technically unlike weaving and braiding processes.

No. of Pages : 120 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1948/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 01/11/2013

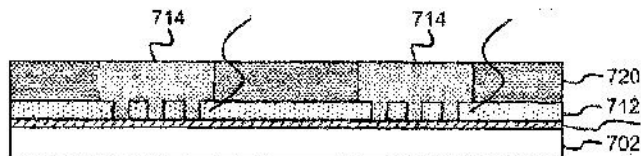
(54) Title of the invention : PHOTODEFINED APERTURE PLATE AND METHOD FOR PRODUCING THE SAME

(51) International classification :B41J2/16,B05B17/06,C25D5/02
(31) Priority Document No :61/427,715
(32) Priority Date :28/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/067106
Filing Date :23/12/2011
(87) International Publication No:WO 2012/092163
(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)STAMFORD DEVICES LTD.
Address of Applicant :Galway Business Park, Dangan Galway
IRELAND
(72)Name of Inventor :
1)XU, Hong

(57) Abstract :

In one embodiment, a method for manufacturing an aperture plate includes depositing a releasable seed layer above a substrate, applying a first patterned photolithography mask above the releasable seed layer, the first patterned photolithography mask having a negative pattern to a desired aperture pattern, electroplating a first material above the exposed portions of the releasable seed layer and defined by the first mask, applying a second photolithography mask above the first material, the second photolithography mask having a negative pattern to a first cavity, electroplating a second material above the exposed portions of the first material and defined by the second mask, removing both masks, and etching the releasable seed layer to release the first material and the second material. The first and second material form an aperture plate for use in aerosolizing a liquid. Other aperture plates and methods of producing aperture plates are described according to other embodiments.



No. of Pages : 55 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1959/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD OF SYNCHRONIZING OPTRONIC SYSTEMS AND SET OF OPTRONIC SYSTEMS SYNCHRONIZED ACCORDING TO THIS METHOD

(51) International classification	:G01S7/497,H04J3/06	(71)Name of Applicant :
(31) Priority Document No	:10 05124	1)THALES
(32) Priority Date	:27/12/2010	Address of Applicant :45 rue de Villiers, F-92200 Neuilly Sur
(33) Name of priority country	:France	Seine, FRANCE
(86) International Application No	:PCT/EP2011/073996	(72)Name of Inventor :
Filing Date	:23/12/2011	1)MIDAVAIN, Thierry
(87) International Publication No	:WO 2012/089682	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method of synchronizing optronic systems, of the type operating simultaneously on one and the same scene, each optronic system being intended to emit and/or receive light of a target of the scene and each optronic system comprising an internal precision clock (36) and a module suitable for synchronizing the internal clock (36) with a reference time signal, the method being characterized in that it comprises the following steps: reception and generation of a reference time signal by each synchronization module, the reference time signal being independent of the optronic systems and emanating from an item of equipment different from the optronic systems, and synchronization of the internal clock of each optronic system with the reference time signal by the synchronization module.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1960/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : INSULATOR ARRANGEMENT

(51) International classification	:H02G 5/06	(71)Name of Applicant :
(31) Priority Document No	:102011008451.7	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:10/01/2011	Address of Applicant :WITTELSBACHERPLATZ 2, 80333
(33) Name of priority country	:Germany	MÜNCHEN, GERMANY
(86) International Application No	:PCT/EP2012/050173	(72)Name of Inventor :
Filing Date	:06/01/2012	1)MARTIN SCHUMACHER
(87) International Publication No	:WO 2012/095366	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an insulator arrangement, comprising an insulating body (1, 1a). A phase conductor (5a, 5b, 5c, 5d) passes through the insulating body (1,1a), and said phase conductor (5a, 5b, 5c, 5d) is surrounded by an electrode (7a,7b, 7c, 7d). A gap (9) passes through the electrode (7a,7b,7c, 7d), in particular completely, said gap interrupting a completely closed circumference of the electrode (7a, 7b, 7c, 7d).

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

(54) Title of the invention : PANEL

(51) International classification :E04F15/10
 (31) Priority Document No :10 2010 063 976.1
 (32) Priority Date :22/12/2010
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2011/072573
 Filing Date :13/12/2011
 (87) International Publication No :WO 2012/084604
 (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)HANNIG, Hans-Jürgen

(57) Abstract :

The invention relates to a panel (1, 2, 27, 28) comprising a body (1,2) having at least one plastic layer, complementary locking means (V) provided in pairs on opposite panel edges, at least one pair of locking means having hook profiles (H), namely a receiving hook (5) and a locking hook opposite thereto, wherein the receiving hook (5) comprises a hook edge (8) disposed away from the body and a receiving recess (9) disposed near the body, wherein the receiving recess (9) is open to the top side (7), wherein the locking hook (6) has a locking recess (11) disposed near the body and open to the bottom side and comprises a locking step (12) disposed away from the body and fitting in the receiving recess (9) of the receiving hook (5) in the vertical joining direction, wherein the locking hook (6) comprises a joint surface (13) away from the body and a vertically active locking contour (14) also away from the body wherein the receiving hook (5) comprises a joint surface (15) closer to the body and a form fit contour (16) also closer to the body and fitting together with the locking contour (14) away from the body of the locking hood (6) in a form fit manner, so that a vertical locking can be brought about, wherein the locking hook (6) comprises a horizontal locking surface (17) disposed closer to the body on the locking step (12) thereof, wherein the receiving hook (5) comprises a horizontal locking surface (18) disposed away from the body in the receiving recess (9), wherein a narrowed receiving opening (19) is formed on the receiving hook (5) through which the locking step (12) can be inserted into the receiving recess (9) substantially in the vertical joint direction (T), wherein the free step end of the locking step (12) is designed narrower than the width of the receiving opening (19) of the receiving hook (5), wherein the locking contour (14) away from the body of the locking hook (6) is short of the plane of the joint surface (13) of the locking hook (6), wherein the form fit contour (16) closer to the body of the receiving hook (5) protrudes at least partially past the plane of the joint surface (15) of the receiving hook (5), wherein the locking step (12) and the receiving opening (19) are designed so that the step end fits into the receiving opening (19) far enough at first that a part of the horizontal locking surface (17) of the locking hook (6) makes contact with the horizontal locking surface (18) of the receiving hook (5) during a joining motion without elastic deformation of the hook profiles (H), and that the receiving hook (5) comprises a bending bar (20) implemented so that the width of the receiving opening (19) can be expanded by the elastic flexibility thereof, so that the locking step (12) can be inserted entirely into the receiving recess (9) and the locking contour (14) of the locking hook (6) is further inserted into the form fit contour (16) of the receiving hook (5).

No. of Pages : 25 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1962/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : MEDICAMENT DELIVERY DEVICE

(51) International classification	:A61M5/32,A61M5/20
(31) Priority Document No	:1150012-1
(32) Priority Date	:11/01/2011
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2012/050012
Filing Date	:11/01/2012
(87) International Publication No	:WO 2012/096620
(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)HOLMQVIST, Anders

2)MOORE, Helen

(57) Abstract :

The present invention relates to a medicament delivery device comprising a generally elongated housing (10; 100 102) a drive assembly disposed in said housing and an actuation assembly operably connected to said drive assembly wherein said drive assembly comprises a guard member (12; 104) and an actuator member (44; 180) characterised in that the actuation assembly further comprises a locking member (28; 32) disposed between the guard member and the actuator member wherein said locking member is configured to be moved by the guard member when the guard member is pressed against a delivery site between a first locking position in which the locking member is blocking the actuator member and a released position in which the locking member allows the actuator member to be operated.

No. of Pages : 29 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1963/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : PROCESSES FOR REMOVING HYDRAZINE FORM HYDROXYLAMINE SOLUTIONS

(51) International classification :C01B21/14,C08F8/32,C08F20/56

(31) Priority Document No :61/425,565

(32) Priority Date :21/12/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/065719
Filing Date :19/12/2011

(87) International Publication No :WO 2012/087863

(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)CYTEC TECHNOLOGY CORP.

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(72)Name of Inventor :

1)LEWELLYN, Morris

2)ROTHENBERG, Alan, S.

3)CHEN, Haunn-Lin, Tony

4)MAGLIOCCO, Lino, G.

5)SASSI, Thomas, P.

(57) Abstract :

The present invention relates to processes for reducing or eliminating the amount of hydrazine from a hydroxylamine free base containing hydrazine by treating said hydroxylamine free base with a scavenger agent, and to the hydroxylamine free base thereby obtained as well as to its use for producing microdispersions containing a hydroxamated polymer for use as a flocculant in the Bayer process.

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

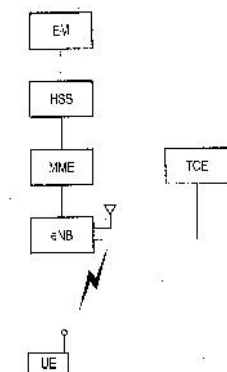
(54) Title of the invention : MOBILE COMMUNICATION METHOD AND WIRELESS BASE STATION

(51) International classification :H04W24/08
 (31) Priority Document No :2010-277354
 (32) Priority Date :13/12/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/078303
 Filing Date :07/12/2011
 (87) International Publication No :WO 2012/081468
 (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.
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 (72)Name of Inventor :
1)HAPSARI, Wuri Andarmawanti
2)TAKAHASHI, Hideaki

(57) Abstract :

This mobile communication method includes the steps of: transmitting MDT config from an operation/maintenance server (EM) to a wireless base station (eNB); selecting a target mobile station (UE) by the wireless mobile station (eNB) on the basis of MDT config; querying a mobile management node (MME) or a subscriber management node (HSS) via the wireless base station (eNB) as to whether or not a MDT measurement process may be performed with respect to the target mobile station (UE); and instructing the target mobile station (UE) via the wireless base station (eNB) to perform the MDT measurement process, when the target mobile station (UE) is allowed to perform the MDT measurement process.



No. of Pages : 27 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1965/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : LOAD-CONTROL SWITCH AND LOAD-CONTROL SWITCH SYSTEM

(51) International classification	:H01H9/02,H04Q9/00	(71)Name of Applicant :
(31) Priority Document No	:2010-261609	1)PANASONIC CORPORATION
(32) Priority Date	:24/11/2010	Address of Applicant :1006, Oaza Kadoma, Kadoma-shi,
(33) Name of priority country	:Japan	Osaka 5718501 JAPAN
(86) International Application No	:PCT/JP2011/076365	(72)Name of Inventor :
Filing Date	:16/11/2011	1)HIGASHIHAMA, Hirotada
(87) International Publication No	:WO 2012/070439	2)KOHROGI, Takeshi
(61) Patent of Addition to Application	:NA	3)TANIKAGA, Yoko
Number	:NA	4)MATSUMOTO, Kazuhiro
Filing Date	:NA	5)NAGATA, Masahiro
(62) Divisional to Application Number	:NA	6)UEDA, Shinsuke
Filing Date	:NA	7)YOSHIKI, Kazuhisa

(57) Abstract :

A load control switch (1) provided with: a terminal module (2) to which electric wires are connected and which is attached to an attachment frame installed on a wall surface of a building; and a switch module (3) which is removably mounted to the terminal module (2) and which turns a load on or off. The load control switch (1) is also provided with a control handle (4) removably mounted to the switch module (3). The switch module (3) may be an electronic switch or a mechanical switch; an electronic switch may additionally be provided with delay functionality, timer functionality, an occupancy sensor, and the like. This makes it possible for a user to freely replace one load control switch with another having different features without electrical work being required.

No. of Pages : 113 No. of Claims : 59

(54) Title of the invention : NEUTRALIZING ANTI-CCL20 ANTIBODIES

(51) International classification :C07K16/00,A61K39/395,C07H21/04
 (31) Priority Document No :61/415,614
 (32) Priority Date :19/11/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/061525
 Filing Date :18/11/2011
 (87) International Publication No :WO 2012/068540
 (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)IMAI, ToshioAddress of Applicant :84, Teranouchidori-omiyaniishiiru-
oinokumacho, Kamigyo-ku, Kyoto-shi, Kyoto, 602-8405, JAPAN**2)KLINE, James Bradford****3)KAWANO, Tetsu****4)GRASSO, Luigi****5)SAKAMOTO, Yoshimasa****6)SPIDEL, Jared****7)NISHIMURA, Miyuki****8)MURAMOTO, Kenzo****9)HORIZOE, Tatsuo**

(72)Name of Inventor :

1)IMAI,Toshio**2)KLINE, James Bradford****3)KAWANO, Tetsu****4)GRASSO, Luigi****5)SAKAMOTO, Yoshimasa****6)SPIDEL, Jared****7)NISHIMURA, Miyuki****8)MURAMOTO, Kenzo****9)HORIZOE, Tatsuo**

(57) Abstract :

The disclosure provides humanized, chimeric and murine antibodies that specificity bind to the human CC chemokine ligand 20 (CCL20). The disclosure further provides heavy chains and light chains of the antibodies, as well as isolated nucleic acids, recombinant vectors and host cells that comprise a sequence encoding a heavy chain and/or light chain of the antibodies. Further disclosed are methods of using the anti-CCL20 antibodies for treating disorders including inflammatory and autoimmune disorders as well as cancers.

No. of Pages : 165 No. of Claims : 59

(54) Title of the invention : DEFERRED PAYMENT AND SELECTIVE FUNDING AND PAYMENTS

(51) International classification :G06Q40/00
 (31) Priority Document No :61/427,062
 (32) Priority Date :23/12/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/067266
 Filing Date :23/12/2011
 (87) International Publication No :WO 2012/088533
 (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)EBAY INC.

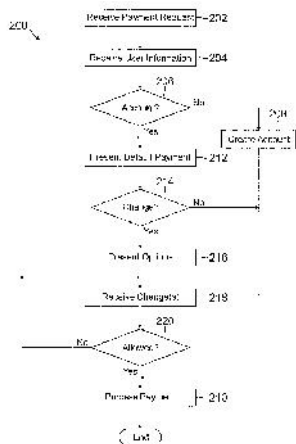
Address of Applicant :2145 Hamilton Ave., San Jose, California 95125 U.S.A.

(72)Name of Inventor :

1)DWIGHT, John**2)LISIEWSKI, Gregory****3)WU, Michael****4)WHITFORD, Thomas****5)SINHA, Parijat****6)ESCH, Darrell****7)GROOBEY, Carolyn****8)BIGLIN, Brian****9)KRIPLANI, Sanjeev****10)POGREB, Sofya****11)ZIGLER, Gregg**

(57) Abstract :

A user is able to change one or more payment options after payment has already been made to a merchant. A payment provider processes a payment request during a transaction with the merchant with default or selected payment options. After the transaction with the merchant is completed and the merchant has been paid, the user may change one or more of the payment options, such as funding source(s) and terms/conditions of payment (e.g., deferment period, installment period/amount, etc.). During the transaction, the user may make a purchase through the payment provider even if the user does not have an account with the payment provider by providing user information, such as name, address, phone number, email address, and date of birth, but not a social security number or funding source information.



No. of Pages : 31 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1971/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD FOR STIMULATING OSTEOGENESIS

(51) International classification :D04H13/00

(31) Priority Document No :61/419,152

(32) Priority Date :02/12/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/062766

Filing Date :01/12/2011

(87) International Publication No :WO 2012/075217

(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)HASS, Jamie

(57) Abstract :

Nanostructures such as nanowires, nanosprings, nanorods, and nanoparticles, when maintained in contact with source of bone cells, enhance the proliferation of the bone cells and integration bone into the nanostructures. The nanostructures may or may not be coated with a metal or metal oxide coating and preferably are textured. Such coated or non-coated nanostructures may be utilized on the surface of bone implants to enhance osseointegration of the implants.

No. of Pages : 25 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1972/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : DEVICE FOR STOPPING A CONTAINER, AND CONTAINER PROVIDED WITH SUCH A DEVICE

(51) International classification	:B65D51/00,B65D51/24
(31) Priority Document No	:1059683
(32) Priority Date	:24/11/2010
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2011/070609
Filing Date	:22/11/2011
(87) International Publication No	:WO 2012/069436
(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)WEST PHARMACEUTICAL SERVICES
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(72)**Name of Inventor :**
1)ANEAS, Antoine

(57) Abstract :

The invention relates to a device for stopping a container (1) having a neck (12), said device comprising a stopper (51) and a cap (52) consisting of a plastic material and able to surround both the stopper (51) and the neck (12). The cap (52) comprises a ring (53) that can surround the stopper and the neck when mounted and is provided with means (537) for locking onto the neck, and a body (54) for handling the ring, provided with first means for transmitting a thrust force to the ring and second means (541) for activating means for locking the ring. The ring (53) is provided with a continuous outer peripheral collar (5311), and the handling body (54) is provided with at least one raised element (5431) designed to abut (E4) against the continuous outer peripheral collar (5311) when it activates the locking means (537).

No. of Pages : 21 No. of Claims : 11

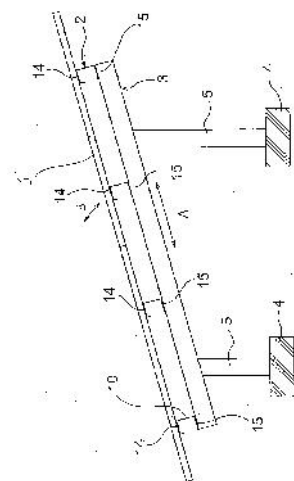
(54) Title of the invention : STEEL SINGLE-LIP CHANNEL BAR

(51) International classification :E04H5/02,E04C3/07
 (31) Priority Document No :2011-037004
 (32) Priority Date :23/02/2011
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/065459
 Filing Date :06/07/2011
 (87) International Publication No :WO 2012/114550
 (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)YAMAMOTO, Junichi
4)MATSUMOTO, Hideaki
5)OMURO, Akio
6)KANEOKA, Hideki
7)MITSUI, Yukie

(57) Abstract :

The purpose of the present invention is to provide a steel single-lip channel bar which is used as a transversely mounted base and/or as a longitudinally mounted base and which more satisfactorily discharges water when a flat-plate shaped solar light panel module, etc. are mounted on the upper part of the transversely mounted base. The present steel single-lip channel bar which forms a transversely mounted base (2) and a longitudinally mounted base (3) is configured in such a manner that one second side plate (15, 15a) of the channel bar body (10) comprises only a flat plate which is at a right angle to a rear plate (12) or not at a right angle thereto. As a result of the configuration, when each base (2 or 3) is disposed horizontally or at a tilt, water, etc. do not remain on the second side plate (15, 15a) of the base (2, 3) and the durability of the base (2, 3) is improved.



No. of Pages : 56 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1976/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD FOR RESOLUTION OF 4-((1R,3S)-6-CHLORO-3-PHENYL-INDAN-1-YL)-1,2,2-TRIMETHYL-PIPERAZINE AND 1-((1R,3S)-6-CHLORO-3-PHENYL-INDAN-1-YL)-3,3-DIMETHYL-PIPERAZINE

(51) International classification :C07D241/04,C07B57/00
(31) Priority Document No :61/430,552
(32) Priority Date :19/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2012/050174
Filing Date :06/01/2012
(87) International Publication No :WO 2012/093165
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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DENMARK

(72)Name of Inventor :

1)DANCER, Robert

(57) Abstract :

The present invention relates to resolution methods for manufacture of 4-((1R,3S)-6- chloro- 3-phenyl-indan-1-yl)-1,2,2-trimethyl-piperazine and 1-((1R,3S)-6-chloro-3- phenyl-indan-1-yl)-3, 3-dimethyl-piperazine and pharmaceutically acceptable salts thereof.

No. of Pages : 31 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1977/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : BENZYLOXYPYRIMIDINE DERIVATIVE, AGRICULTURAL/HORTICULTURAL INSECTICIDE COMPRISING DERIVATIVE AND METHOD FOR USING SAME

(51) International classification :C07D239/34,A01N43/54,A01N43/56
(31) Priority Document No :2010-287777
(32) Priority Date :24/12/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/079847
Filing Date :22/12/2011
(87) International Publication No :WO 2012/086768
(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)NIHON NOHYAKU CO., LTD.
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2)Hiroto HARAYAMA
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4)Motofumi NAKANO
5)Kosuke FUKATSU
6)Kayo INUKAI

(57) Abstract :

A benzyloxyypyrimidine derivative represented by general formula (I) or salts thereof; an agricultural/horticultural insecticide comprising said compound as the active ingredient; and a method for using the same. In general formula (I): R1 represents an alkyl group, a cycloalkyl group, an alkenyl group, an alkynyl group, a haloalkyl group, a haloalkenyl group, a haloalkynyl group, an alkoxyalkyl group, etc.; R2 or R3 represents a hydrogen atom, an alkyl group, etc.; X represents an alkyl group, a cycloalkyl group, an alkenyl group, an alkynyl group, a haloalkyl group, a haloalkenyl group, a haloalkynyl group, a trialkylsilyl group, etc.; A represents an oxygen atom, etc.; and m represents an integer of 0-5.

No. of Pages : 127 No. of Claims : 8

(54) Title of the invention : VALVE DEVICE FOR CONTROLLING THE AIR INTAKE FOR A COMPRESSOR OF A VEHICLE, AND COMPRESSOR SYSTEM AND METHOD FOR CONTROLLING A COMPRESSOR SYSTEM

(51) International classification :F04B41/06,F04B49/00,F04D25/04
 (31) Priority Document No :10 2010 055 692.0
 (32) Priority Date :22/12/2010
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2011/072066
 Filing Date :07/12/2011
 (87) International Publication No :WO 2012/084517
 (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)KNORR-BREMSE SYSTEME FÜR NUTZFAHRZEUGE GMBH
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 (72)Name of Inventor :
1)N% METH, Huba
2)MENYHART, Laslo

(57) Abstract :

The invention relates to a valve device (40) for controlling the air intake for a compressor (24) of a vehicle (10), wherein the valve device (40) comprises a valve housing (100), comprising a first compressed air inlet (102) for connecting to an ambient air infeed (32), a second compressed air inlet (104) for connecting to a charge air infeed (34), through which pre compressed air can be fed, and a compressed air outlet (106) for connecting to the compressor (24). The valve device (40) comprises a first switched state in which the compressed air outlet (106) is fluidically connected to the first compressed air inlet (102), and comprises a second switched state in which the compressed air outlet (106) is fluidically connected to the second compressed air inlet (104). The valve device (40) further comprises a switching device capable of switching the valve device (40) between the first switched state and the second switched state. The invention further relates to a compressor system having such a valve device and a method for controlling an air infeed for a compressor system.

No. of Pages : 38 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1979/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : FIBRE-OPTIC CONNECTING ARRANGEMENT AND ADAPTER SLEEVE

(51) International classification :G02B6/38
(31) Priority Document No :10 2011 011523.4
(32) Priority Date :17/02/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/IB2012/000255
Filing Date :10/02/2012
(87) International Publication No :WO 2012/110876
(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 ELECTRONICS SERVICES GMBH
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(72)Name of Inventor :
1)BUSSE, Ralf-Dieter
2)KRAFT, Wolfgang

(57) Abstract :

The invention relates to a fibre-optic connecting arrangement (21) which comprises a fibre-optic adapter (2), wherein the fibre-optic adapter (2) has a first connection device (38) for a first connection plug (11) and a second connection device (6) for a second connection plug (17), wherein the first and the second connection device (38, 6) are different, wherein the fibre-optic adapter (2) has at least a first adapter-side fastening means, wherein the first adapter-side fastening means is in the form of an external thread (8) with a first adapter-side nominal diameter, wherein the connecting arrangement (21) also comprises an adapter sleeve (26), wherein the adapter sleeve (26) has a first end section (27) with a first opening (28) and a second end section (29) with a second opening (30), wherein the first end section (27) has a first sleeve-like fastening means, wherein the first sleeve-like fastening means is in the form of a first internal thread (36), wherein the first internal thread (36) has a first sleeve-side nominal diameter, wherein the first sleeve-side nominal diameter corresponds to the first adapter-side nominal diameter, wherein the adapter sleeve (26) is screwed onto the adapter-side external thread (8) in such a way that at least the second connection device (6) is arranged in an internal volume (47) of the adapter sleeve (26), and to an adapter sleeve (26).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1995/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : REDOX FLOW BATTERY SYSTEM WITH MULTIPLE INDEPENDENT STACKS

(51) International classification :H01M8/18,H01M8/04,H01M8/02
(31) Priority Document No :61/430,812
(32) Priority Date :07/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/020668
Filing Date :09/01/2012
(87) International Publication No :WO 2012/094674
(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)HORNE, Craig
2)DURAIRAJ, Sumitha
3)HICKEY, Darren
4)MOSSO, Ron
5)BOSE, Deepak

(57) Abstract :

A redox flow battery system is provided with independent stack assemblies dedicated for charging and discharging functions. In such a system, characteristics of the charging stack assembly may be configured to provide a high efficiency during a charging reaction, and the discharging stack may be configured to provide a high efficiency during a discharging reaction. In addition to decoupling charging and discharging reactions, redox flow battery stack assemblies are also configured for other variables, such as the degree of power variability of a source or a load. Using a modular approach to building a flow battery system by separating charging functions from discharging functions, and configuring stack assemblies for other variables, provides large- scale energy storage systems with great flexibility for a wide range of applications.

No. of Pages : 117 No. of Claims : 15

(54) Title of the invention : ELECTROSURGICAL INSTRUMENT WITH DUAL RADIOFREQUENCY AND MICROWAVE ELECTROMAGNETIC ENERGY

(51) International classification :H01Q1/38,H01Q13/08,A61B18/18
 (31) Priority Document No :1100444.7
 (32) Priority Date :11/01/2011
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/GB2012/050034
 Filing Date :09/01/2012
 (87) International Publication No :WO 2012/095653
 (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)CREO MEDICAL LIMITED

Address of Applicant :The Granary, Manor Farm, Stratton on the Fosse, Radstock Somerset BA3 4QF U.K.

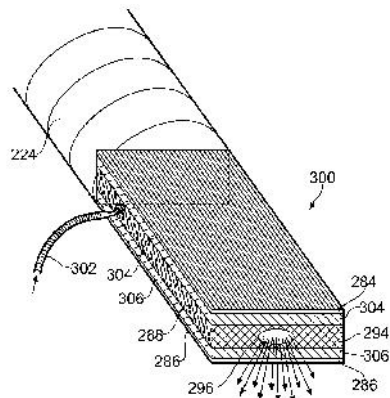
(72)Name of Inventor :

1)HANCOCK, Christopher Paul

2)BOOTON, Martin Wynford

(57) Abstract :

An electrosurgical instrument (402) for delivering radiofrequency (RF) electromagnetic (EM) energy and microwave frequency EM energy from a coaxial feed cable (406) through an instrument tip into tissue. The instrument tip comprises a dielectric body (416) separating first and second conductive elements, which act as active and return electrodes to convey the RF EM radiation by conduction, and as an antenna to radiate the microwave EM radiation. The instrument also has a fluid feed (424) incorporated into its tip, e.g. in an additional dielectric element (422) mounted on the underside of the tip, for delivering fluid. The delivered fluid may be a gas plasma to assist treatment or a liquid to plump up a tissue region before treatment. The instrument may fit in an endoscope.



No. of Pages : 59 No. of Claims : 15

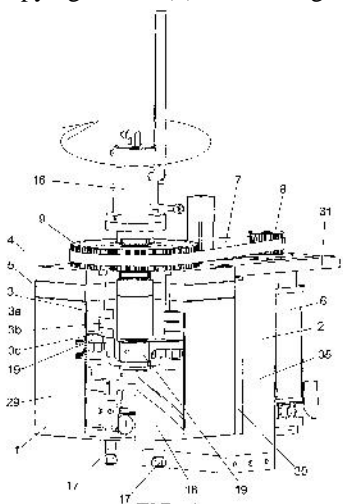
(54) Title of the invention : REVARNISHING HEAD FOR ROUNDED COVERS

(51) International classification :B05B13/02,B23Q35/10,F16H25/06
 (31) Priority Document No :P201031868
 (32) Priority Date :17/12/2010
 (33) Name of priority country :Spain
 (86) International Application No :PCT/ES2011/070383
 Filing Date :26/05/2011
 (87) International Publication No :WO 2012/080538
 (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)PEÑALVER GARCÍA, José

(57) Abstract :

The invention relates to a head for installing on a horizontal platform in the form of a work bench of a revarnishing machine for repairing covers, said head comprising a copying device (1) held by a cam support (5) which is connected, in turn, to an upper support (4), the copying device comprising a copying cam body fixed to the cam support (5), the fixed static set of said elements (3-4-5) being coupled around a main rotating shaft (10), at the lower end of which a drum (18) is fixed, that carries the copying device in its rotary movement. The elements of said head include roller trackers (25) guided in grooves (3) arranged in the copying cam body (3), the copying device (1) also having at least one varnishing gun (17).



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1998/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : DETACHABLE METAL BALLOON DELIVERY DEVICE AND METHOD

(51) International classification :A61M29/00
(31) Priority Document No :61/433,305
(32) Priority Date :17/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/021620
Filing Date :17/01/2012
(87) International Publication No :WO 2012/099909
(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)FRANANO, F. Nicholas
2)STEPHENSON, Katherine

(57) Abstract :

A medical device comprising a compressed, inflatable, detachable single-lobed metal balloon attached to a catheter and methods of use for occluding blood vessels or treating vascular aneurysms are disclosed. The balloon can be made with ductile metals such as gold, platinum, or silver so that the balloon will conform to the shape of the void space during inflation and so that the balloon can be subsequently shaped by the application of an external force. The balloon can be configured such that it can be detached from the catheter by physical means or by electrolysis. The surface of the balloon can be configured to promote the growth of tissue into the wall of the balloon and to release drugs or pharmacologically active molecules, so that vessel occlusion or the sealing of an aneurysm will be maintained over time.

No. of Pages : 52 No. of Claims : 88

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2000/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : ELECTROSURGICAL APPARATUS FOR RF AND MICROWAVE DELIVERY

(51) International classification :A61B18/12,A61B18/18,A61B18/00
(31) Priority Document No :1021032.6
(32) Priority Date :10/12/2010
(33) Name of priority country:U.K.
(86) International Application No :PCT/GB2011/001693
Filing Date :07/12/2011
(87) International Publication No :WO 2012/076844
(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)HANCOCK, Christopher Paul

(57) Abstract :

A control system for electrosurgical apparatus in which the energy delivery profile of both RF EM radiation and microwave EM radiation delivered to a probe is set based on sampled voltage and current information of RF energy conveyed to the probe and/or sampled forward and reflected power information for the microwave energy conveyed to and from the probe. The energy delivery profile for the RF EM radiation is for tissue cutting (without requiring a sharp blade) and the energy delivery profile for the microwave EM radiation is for haemostasis or sealing or coagulation or ablation of tissue. The RF EM radiation and microwave EM radiation may be applied separately or simultaneously.

No. of Pages : 86 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2001/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD FOR MANUFACTURING HOT ROLLED STEEL SHEET HAVING GOOD ANTI-AGING PROPERTIES AND HOT ROLLED STEEL SHEET MANUFACTURED USING SAME

(51) International classification :C21D8/02,C21D7/06,B24C1/10
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No:PCT/KR2011/009328
Filing Date :02/12/2011
(87) International Publication No :WO 2013/081224
(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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Gyeongsangbuk-do 790-300 REPUBLIC OF KOREA
(72)Name of Inventor :
1)KIM, Jae Ik
2)CHOI, Seok Hwan

(57) Abstract :

The object of the present invention is to provide a method for manufacturing a hot rolled steel sheet having confirmed anti-aging properties for restraining processing defects, such as fluting, along with workability and paintability resulting from the optimization of steel components, manufacturing processes, shot blasting conditions, etc., and to provide a hot rolled steel sheet manufactured using same. In order to accomplish said object, the method for manufacturing the hot rolled steel sheet according to the present invention includes shot blasting, with shot balls having a size of 0.10 to 0.40 mm at a blasting spray rate of 40 to 65 m/sec, the surface of a hot rolled steel sheet manufactured by using steel including 0.01 to 0.12% by weight of carbon (C), 0.1 to 0.5% by weight of manganese (Mn), 0.025% by weight or less of phosphor (P) (excluding 0%), 0.02% by weight or less of sulfur (S) (excluding 0%), 0.03 to 0.15% by weight of aluminum (Al), 0.0005 to 0.0020% by weight of boron (B), 0.01 to 0.05% by weight of cobalt (Co), 0.002 to 0.008% by weight of nitrogen (N), and iron (Fe) and inevitable impurities as the remainder.

No. of Pages : 31 No. of Claims : 9

(54) Title of the invention : USE OF DRONEDARONE FOR THE PREPARATION OF A DRUG FOR USE IN THE MANAGEMENT OF THE RISK OF LIVER INJURY

(51) International classification :G01N33/68,A61K31/343
 (31) Priority Document No :61/421,798
 (32) Priority Date :10/12/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/EP2011/072294
 Filing Date :09/12/2011
 (87) International Publication No :WO 2012/076679
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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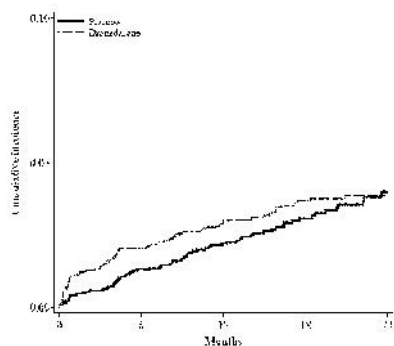
FRANCE

(72)Name of Inventor :

1)AUCLERT, Laurent

(57) Abstract :

The present invention concerns a method of managing the risk of liver injury in patients receiving treatment with dronedarone or pharmaceutically acceptable salts thereof.



No. of Pages : 16 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2003/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : PNEUMATIC TIRE FOR HEAVY LOAD

(51) International classification	:B60C9/20,B60C1/00	(71)Name of Applicant :
(31) Priority Document No	:2010-294564	1)SUMITOMO RUBBER INDUSTRIES, LTD.
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(33) Name of priority country	:Japan	ku, Kobe-shi, Hyogo 6510072 JAPAN
(86) International Application No	:PCT/JP2011/079675	(72)Name of Inventor :
Filing Date	:21/12/2011	1)TAKAHASHI Hiroki
(87) International Publication No	:WO 2012/090825	
(61) Patent of Addition to Application		
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The purpose of the present invention is to improve low fuel consumption and durability. A belt cushion to be arranged between a tire-axis-direction end of a belt layer and a carcass comprises an outer layer, an intermediate layer and an inner layer which are arranged in this order from the tire-axis-direction end of the belt layer toward the tire-radius-direction inside. Each of the outer layer and the inner layer is formed by a rubber composition (B) having a complex elastic modulus (Eb) and a loss tangent (tan b). The intermediate layer is formed by a rubber composition (C) having a complex elastic modulus (Ec) that is almost the same as the complex elastic modulus (Eb) and a loss tangent (tan c) that is smaller than the loss tangent (tan b).

No. of Pages : 37 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2004/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : ORTHOPEDIC SURGICAL GUIDE

(51) International classification :A61B17/15,A61B17/17
(31) Priority Document No :61/425,054
(32) Priority Date :20/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/066025
Filing Date :20/12/2011
(87) International Publication No :WO 2012/088036
(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)STEMNISKI, Paul
2)OBERT, Richard
3)LANCIANESE, Sarah

(57) Abstract :

A system for establishing an intramedullary path includes a body (200) sized and configured to be received within a resected bone space. The body defines a first aperture (206) that extends through the body and is sized and configured to receive a surgical tool therethrough. A first bone engaging structure (222) extends from the body in a first direction and includes a first surface (228) that is complementary to a surface topography of a first bone (16). When the first surface of the bone engaging structure engages the surface topography of the first bone to which the first surface is complementary, an axis defined by the first aperture is substantially collinear with a mechanical axis of the first bone.

No. of Pages : 81 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2015/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : SYSTEM TIMEOUT RESET BASED ON MEDIA DETECTION

(51) International classification :G06F3/14,G06F1/32,G09G5/00
(31) Priority Document No :12/984,224
(32) Priority Date :04/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/068017
Filing Date :30/12/2011
(87) International Publication No :WO 2012/094236
(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)SATPATHY, Ansuman Tapan
3)WANG, Haitang

(57) Abstract :

In embodiments of system timeout reset based on media detection, an electronic device (102) includes an interface connection (106) that couples the electronic device to a peripheral (104). A power manager application (152) is implemented to timeout the interface connection if user interaction with the electronic device is not detected for a timeout duration (154). A media data monitor (150) is implemented to detect audio data (144) in an audio channel (156) of the interface connection, and initiate a reset of the timeout duration responsive to the audio data being detected. Video data (142) can continue to be rendered by the peripheral if the audio data is detected to initiate the reset of the timeout duration.

No. of Pages : 31 No. of Claims : 19

(54) Title of the invention : AIR CLEANER AND METHOD FOR PREDICTING BREAKTHROUGH TIME FOR SAME

(51) International classification :A62B23/02,A62B18/02,B01D53/04
 (31) Priority Document No :2011-042385
 (32) Priority Date :28/02/2011
 (33) Name of priority country:Japan
 (86) International Application No :PCT/JP2012/054842
 Filing Date :27/02/2012
 (87) International Publication No :WO 2012/118043
 (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)ISHIKAWA, Shingo**2)SASAKI, Gaku****3)TAKEUCHI, Hironobu****4)HONDA, Takeshi**

(57) Abstract :

The present invention relates to an air cleaner capable of predicting the breakthrough time of a filtering unit. The air cleaner, for example a mask (1), inputs concentration data of toxic gas components included in air (40) upstream of the filtering unit (3), flux data of the air (40) passing through the filtering unit (3), temperature data of the air (40), and relative humidity data of the air (40) into an execution processing unit (25). The execution processing unit (25) is programmed with a formula for predicting the breakthrough time using the concentration, flux, temperature, and relative humidity as variables, and thus the breakthrough time of the filtering unit (3) is predicted from the prediction formula based on data such as concentration.

No. of Pages : 118 No. of Claims : 24

(54) Title of the invention : FURNACE WALL SHAPE MEASURING DEVICE, FURNACE WALL SHAPE MEASURING SYSTEM AND FURNACE WALL SHAPE MEASURING METHOD

(51) International classification :G01B11/25,F27D1/00,F27D21/02

(31) Priority Document No :2010-291018

(32) Priority Date :27/12/2010

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2011/079352

Filing Date :19/12/2011

(87) International Publication No :WO 2012/090758

(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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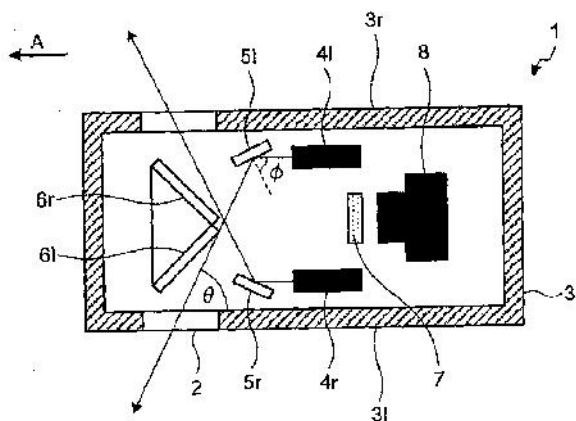
(72)Name of Inventor :

1)YAMAHIRA, Naoshi

2)KODAMA, Toshifumi

(57) Abstract :

Disclosed is a furnace wall shape measuring device, wherein laser light for measuring the concave-convex shape of surfaces of furnace walls and self-emitting light of the furnace walls are acquired at the same time but not interfere with each other, and the measurable range in the direction perpendicular to the furnace wall surfaces and the irradiation range of the laser light are widened. The furnace wall shape measuring device is provided with: slit laser light sources (4) emitting slit-like laser light; mirrors for laser light (5) reflecting the laser light and irradiating the furnace wall surfaces with the laser light through windows (2); mirrors for capturing images (6) reflecting reflected light of the furnace wall surfaces by the irradiation of the laser light and self-emitting light emitted by the furnace wall surfaces, the both light incoming into a thermal insulation protective box (3) through the windows (2); and an imaging device (8) capturing the self-emitting light and the reflected light reflected from the mirrors for capturing images (6) through an optical filter (7), all of which are arranged inside the thermal insulation protective box (3) having the slit-like windows (2).



No. of Pages : 36 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2018/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD AND SYSTEM FOR OBTAINING USER DATA FROM THIRD PARTIES

(51) International classification :G06Q10/00
(31) Priority Document No :12/983,720
(32) Priority Date :03/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/022425
Filing Date :25/01/2011
(87) International Publication No :WO 2012/094027
(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)BUHLER, Alan
3)LU, Marianne, Y.

(57) Abstract :

A mechanism for obtaining user data from a third party whereby a user of a data management system agrees to allow the data management system to obtain user data associated with the user from a third party target site. A distributed client is then implemented on a user computing system to access the target site computing system. A data management system provider computing system then makes a request to the distributed client, and the user computing system, to obtain desired data from the target site computing system. The distributed client(s) then accesses/access! directs the user computing system(s) to access, or waits for the user(s) to next access! the target site computing system. The target site computing system is then securely accessed by the user computing system, thereby by passing any selective blocking/failure filters! and the requested data is accessed and provided to the data management system provider computing system.

No. of Pages : 73 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2023/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : HIGH ENERGY DENSITY REDOX FLOW DEVICE

(51) International classification :H01M4/12
(31) Priority Document No :12/970,773
(32) Priority Date :16/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/065615
Filing Date :16/12/2011
(87) International Publication No :WO 2012/083233
(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)CARTER, William, Craig
2)CHIANG, Yet-ming
3)DUDUTA, Mihai
4)LIMTHONGKUL, Pimpa

(57) Abstract :

Redox flow devices are described including a positive electrode current collector, a negative electrode current collector, and an ion-permeable membrane separating said positive and negative current collectors, positioned and arranged to define a positive electroactive zone and a negative electroactive zone; wherein at least one of said positive and negative electroactive zone comprises a flowable semi-solid composition comprising ion storage compound particles capable of taking up or releasing said ions during operation of the cell, and wherein the ion storage compound particles have a polydisperse size distribution in which the finest particles present in at least 5 vol% of the total volume, is at least a factor of 5 smaller than the largest particles present in at least 5 vol% of the total volume.

No. of Pages : 70 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2024/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : GAS FUEL LEAKAGE DETECTION METHOD, AND GAS FUEL LEAKAGE DETECTION DEVICE, AND GAS ENGINE EQUIPPED WITH SAME

(51) International classification :F02D19/02,F02D41/02,F02D45/00
(31) Priority Document No :2010-287567
(32) Priority Date :24/12/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/007251
Filing Date :26/12/2011
(87) International Publication No :WO 2012/086211
(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)IMAMURA, Tsukasa
3)NONAKA, Yosuke
4)ISHII, Hiroyasu
5)SAKAI, Yoshishige

(57) Abstract :

A gas fuel leakage detection method to be applied to a gas engine (10), in which the pressure of a fuel supply tube (29) that supplies a gas fuel from a fuel header (25) to a fuel supply valve (26) is detected during the valve closing period of the fuel supply valve (26), and it is determined whether or not the gas fuel is leaked on the basis of the detected pressure. In another method, the oxygen concentration in a gas intake port (13) to which the gas fuel is supplied from the fuel supply valve (26) is detected, and it is determined whether or not the gas fuel is leaked on the basis of the detected oxygen concentration. In still another method, the strength of vibration associated with the opening/closing of the fuel supply valve (26) is detected using a vibration sensor that is placed in the fuel supply valve (26), and it is determined whether or not the gas fuel is leaked on the basis of the detected vibration strength.

No. of Pages : 57 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2025/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 01/11/2013

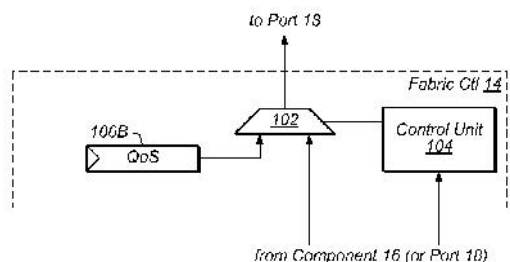
(54) Title of the invention : QUALITY OF SERVICE (QoS)-RELATED FABRIC CONTROL

(51) International classification :H04W4/00
(31) Priority Document No :13/008,180
(32) Priority Date :18/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/020507
Filing Date :06/01/2012
(87) International Publication No :WO 2012/099727
(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)BISWAS, Sukalpa
3)TRIPATHI, Brijesh

(57) Abstract :

In an embodiment, one or more fabric control circuits may be inserted in a communication fabric to control various aspects of the communications by components in the system. The fabric control circuits may be included on the interface of the components to the communication fabric, in some embodiments. In other embodiments that include a hierarchical communication fabric, fabric control circuits may alternatively or additionally be included. The fabric control circuits may be programmable, and thus may provide the ability to tune the communication fabric to meet performance and/or functionality goals.



No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2026/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : PROCESS FOR IMPROVING THE HYDROGEN CONTENT OF A SYNTHESIS GAS

(51) International classification:C01B3/34,C07C29/151,C01B3/50

(31) Priority Document No :1019940.4

(32) Priority Date :24/11/2010

(33) Name of priority country :U.K.

(86) International Application No :PCT/GB2011/052291

Filing Date :22/11/2011

(87) International Publication No :WO 2012/069821

(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 :10 Eastbourne Terrace, London, Greater London WC2 6LG U.K.

(72)Name of Inventor :

1)EARLY, Simon Robert

(57) Abstract :

A process for improving the hydrogen content of a synthesis gas stream to a synthesis loop, comprising the steps of: (a)removing a purge stream comprising hydrogen and hydrocarbons from a synthesis loop; (b)separating hydrogen from the purge stream; (c)passing the purge stream to a reformer and reacting with steam and oxygen to produce a stream comprising hydrogen and carbon monoxide; (d)subjecting the reformed reaction product stream to a shift reaction to produce a stream comprising carbon dioxide and hydrogen; (e)subjecting the product stream from the shift reaction to separation to separate hydrogen from carbon dioxide; (f)supplying the separated hydrogen to the synthesis loop; and (g)removing the carbon dioxide.

No. of Pages : 18 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2032/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : PROTECTIVE SYSTEM FOR WALLS OF BUILDINGS OR CONTAINERS

(51) International classification :E04H9/10,E04C5/06,F41H5/04
(31) Priority Document No :10 2011 008 067.8
(32) Priority Date :07/01/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/006377
Filing Date :16/12/2011
(87) International Publication No :WO 2012/092949
(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)TRUBNIKOW, Wladimir

2)NABOISHIKOV, Serge

3)SCHIPPERS, Marco

(57) Abstract :

The invention relates to a protective system for protecting a wall of a building or container from impact loads, having a buffer layer (3) which is arranged on the impact side of the wall of the building or container and absorbs the impact energy of the impact load predominantly by plastic deformation, wherein the buffer layer (3) comprises a deformation lattice which is formed by a substantially regular arrangement of unit cells (5) and has a number of lattice layers (6) and the intermediate spaces in which are filled with a deformable damping material (9), and wherein each unit cell (5) is composed of a plurality of lattice struts (4) which form the edges of a pyramid.

No. of Pages : 17 No. of Claims : 13

(54) Title of the invention : PREFABRICATED THERMAL INSULATING COMPOSITE PANEL, ASSEMBLY THEREOF, MOULDED PANEL AND CONCRETE SLAB COMPRISING SAME, METHOD AND MOULD PROFILE FOR PREFABRICATING SAME

(51) International classification :E04B1/80,E04C2/288,E04C2/38
 (31) Priority Document No :201010574735.7
 (32) Priority Date :25/11/2010
 (33) Name of priority country :China
 (86) International Application No :PCT/CN2011/082972
 Filing Date :25/11/2011
 (87) International Publication No:WO 2012/069016
 (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)YIN, Yiqing
2)XU, Zhenglin
3)CAI, Zhihong

(57) Abstract :

Disclosed are a prefabricated thermal insulating composite panel (1), an assembly thereof, a moulded panel and a concrete slab comprising the same, and a method and a mould profile (50) for prefabricating the same. The prefabricated composite thermal insulating panel (1) comprises: two reinforcing protective layers (7) of an inorganic noncombustible material, a core (9) formed by a thermal insulating material, a frame (2) with installation grooves (13) surrounding the core (9) and being secured onto the core (9), with the core (9) being placed between the two reinforcing protective layers (7). The prefabricated thermal insulating composite panel (1) has the inorganic noncombustible material incorporated onto the outside of the core (9) of the thermal insulating material to have it covered, so as to solve the problem of the tendency of causing a fire, during the placement of the thermal insulating panels at a construction site or other places, or during the transportation or installation of the same, due to the combustible material thereof being exposed.

No. of Pages : 88 No. of Claims : 62

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2034/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : CONCRETE SLAB STRUCTURAL MEMBER AND CONSTRUCTION METHOD FOR POURING SAME

(51) International classification :E04C2/28,E04G11/06,E04G11/08

(31) Priority Document No :201010574776.6

(32) Priority Date :25/11/2010

(33) Name of priority country :China

(86) International Application No :PCT/CN2011/082967

Filing Date :25/11/2011

(87) International Publication No :WO 2012/069015

(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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1)YIN, Yiqing

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3)CAI, Zhihong

(57) Abstract :

A concrete slab structural member comprises a frame of cold bend thin wall steel profiles and concrete enclosing the same, in which the main surfaces of two longitudinal cold bend thin wall steel profiles (51, 52, 91, 92) included in each longitudinal cold bend thin wall steel profile keel are parallel to the main surface of the concrete slab, the two longitudinal cold bend thin wall steel profiles (51, 52, 91, 92) are spaced apart and opposite each other along a direction perpendicular to the main surface of the concrete slab, so that a space (200) for the concrete to flow through when it is poured is left between the two longitudinal cold bend thin wall steel profiles. Also provided is a construction method for building a concrete slab structural member. The structural member has avoided or reduced as much as possible the problem of the flowing of concrete being hindered when it is poured, due to the placement of the cold bend thin wall steel profiles perpendicular to the concrete slab, which exists in the concrete structural member with cold bend thin wall steel profiles in the prior art, and the problem of cold bridges that is created by the perpendicularly placed cold bend thin wall steel profiles in the concrete formed after pouring the same.

No. of Pages : 38 No. of Claims : 23

(54) Title of the invention : A METHOD FOR REPROFILING WHEELSETS ON UNDERFLOOR WHEELSET LATHES

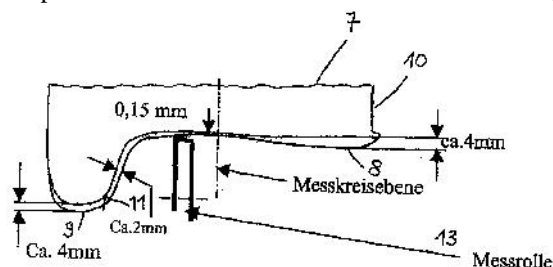
(51) International classification :B23B5/32
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :PCT/DE2010/001399
 Filing Date :26/11/2010
 (87) International Publication No :WO 2012/069027
 (61) Patent of Addition to Application 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)NIJSSEN, Theo
3)MERTENS, Robert
4)REICHE, Hans-Joachim

(57) Abstract :

The invention relates to a method for reprofiling wheelsets (1) rotatably supported on rail vehicles in axle bearing housings (6) on underfloor wheel lathes (12; 14), which comprise material-removing machining tools, a machine controller for the machining tools, drive rollers (15), axial guiding rollers (17), measuring rollers (13), and clamping elements (21; 22) for acting on the axle bearing housings (6). The method is characterized in that the wheelset (1) is lifted from the track with the aid of the drive rollers (15) and weighed, the axle bearing housings (6) are fixed between the drive rollers (15) and the clamping elements (21; 22), an axial guiding roller (17) is brought in contact with the inside (16) of each of the two wheels (3; 4) of the wheelset (1) and is fixed in the position thereof, an additional force (20) is applied to the drive rollers (15), the actual diameter (8) and the wear profile of each wheel (3; 4) are determined by means of a measuring roller (13), and the smaller actual diameter is determined based on the measurement results and is input into the machine controller for the machining tools with a specified machining allowance as a desired diameter (11).



No. of Pages : 14 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2042/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : IMPROVEMENTS IN THE CONTROL OF BIO-DECONTAMINATION CYCLES

(51) International classification	:A61L2/20
(31) Priority Document No	:1100852.1
(32) Priority Date	:18/01/2011
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2012/050003
Filing Date	:03/01/2012
(87) International Publication No	:WO 2012/098368
(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 :

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2)TURNER, Guy Matthew

(57) Abstract :

This invention relates to improvements in the method of controlling bio-decontamination cycles used for the bio- de-contamination of enclosed spaces, such as pharmaceutical clean rooms, isolators and hospital wards. The bio- decontamination cycle comprises a number of phases including at least one gassing phase, during which sterilant vapour is generated and circulated within the enclosed space. The method is characterised by the steps of continuously measuring the modified relative humidity of the air in the enclosed space, the modified relative humidity being the ratio of water and sterilant vapour: capacity of water and sterilant vapour in the air, and using the measured modified relative humidity to control the steps of the process.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2043/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : BIOGAS SYSTEM

(51) International classification	:C12M1/107,B29C41/04
(31) Priority Document No	:2005793
(32) Priority Date	:01/12/2010
(33) Name of priority country	:Netherlands
(86) International Application No	:PCT/NL2011/050818
Filing Date	:30/11/2011
(87) International Publication No	:WO 2012/074395
(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)CASTRO, Mirik

2)CASTRO, Samuel

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(57) Abstract :

The invention relates to a biogas system comprising a cylindrical digestion vessel having a bottom wall, a first circumferential wall and a top opening to define a digestion chamber to be filled with a digestive mixture, and a cover having a top side, a second circumferential wall and a bottom opening to define a gas storage chamber, wherein the cover is inserted in the digestion vessel via the top opening with its bottom opening directed towards the bottom wall to capture gas that is released inside the digestion chamber, wherein the digestion vessel comprises first elongated guides and the cover comprises second elongated guides, wherein the first elongated guides are at least partly inserted into the second elongated guides.

No. of Pages : 37 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2044/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : CISTERN DOUBLE-FLUSH DEVICE

(51) International classification	:E03D1/14
(31) Priority Document No	:P201130118
(32) Priority Date	:31/01/2011
(33) Name of priority country	:Spain
(86) International Application No	:PCT/ES2012/070009
Filing Date	:10/01/2012
(87) International Publication No	:WO 2012/104453
(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)FOMINAYA GONZÁLEZ, Mercedes

(57) Abstract :

Cistern double-flush device for lavatories, in which pressure on a push-button raises an overflow tube, allowing flushing of the cistern via the mouth. The push-button is linked via a first mechanism to a first end of a steel-clad cable connected in turn at the second end thereof to a second mechanism located in the upper part of the overflow. Associated with the overflow there is a cowling, with an upper part (7) and a lower part (7), joined via a crenulated configuration. Said parts are likewise linked by means of the crenulated configuration to the upper part of an intermediate coupling base (43) associated with the mouth (5) of the cistern.

No. of Pages : 22 No. of Claims : 15

(54) Title of the invention : ARRANGEMENT IN THE WIRE FEEDING DEVICE OF A WELDING MACHINE AND METHOD FOR MOVING A WELDING WIRE

(51) International classification :B23K9/12,B23K9/133,B21C47/20
 (31) Priority Document No :20106267
 (32) Priority Date :01/12/2010
 (33) Name of priority country :Finland
 (86) International Application No :PCT/FI2011/051050
 Filing Date :28/11/2011
 (87) International Publication No :WO 2012/072876
 (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)ANTTONEN, Risto

2)KUNNAS, Esa

3)HÄMÄLÄINEN, Jani

(57) Abstract :

The invention relates to an arrangement and a method in a wire feeding device (L) comprising a frame (1), a hub system (2) arranged to the frame (1) for winding a wire coil (3), and a wire feeding mechanism (4) for pulling the welding wire (10) from the wire coil (3) such that the wire coil (3) rotates in the unwinding direction and for feeding the welding wire (10) through the wire feeding mechanism (4) to a welding torch (5). In the method, in the wire feeding starting stage, the wire feeding mechanism (4) pulls the welding wire (10) into motion and, in the wire feeding stopping stage, the wire feeding mechanism (4) stops pulling the welding wire (10). The hub system (2) comprises means for storing energy, said means for storing energy being adapted to store energy as the wire feeding mechanism (4) starts to pull the welding wire (10) from the wire coil (3) in the unwinding direction such that, when the wire feeding mechanism (4) stops pulling the welding wire (10), the stored energy is adapted to be released, pulling the wire coil (3) in the winding direction, which is the opposite direction in relation to the unwinding direction.

No. of Pages : 17 No. of Claims : 14

(54) Title of the invention : CONVEYING CHAIN FOR A CONVEYING DEVICE

(51) International classification :B65G17/38,F16G13/10
 (31) Priority Document No :2180/10
 (32) Priority Date :27/12/2010
 (33) Name of priority country :Switzerland
 (86) International Application No :PCT/CH2011/000302
 Filing Date :19/12/2011
 (87) International Publication No :WO 2012/088615
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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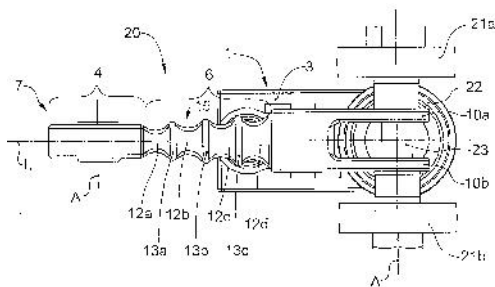
SWITZERLAND

(72)Name of Inventor :

1)STUDER, Beat

(57) Abstract :

The invention relates to a chain link (20) of a conveying chain, containing a basic body (1) having a first end region (4) which comprises a first coupling section (7) for connecting in an articulated manner to a coupling section (8) of a first adjacent chain link, and having a second end region (5) which comprises a second coupling section (8) for connecting in an articulated manner to a coupling section (7) of a second adjacent chain link. The invention is characterized in that the basic body (1) has an intermediate region (6) which is located between the two end regions (4, 5) and comprises a body section (15) which has flexurally elastic properties and is configured such that the first end region (4) is elastically bendable out of the longitudinal direction (L) of the basic body (1) in relation to the second end region (5).



No. of Pages : 41 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1954/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : DEVICES AND METHODS FOR CORONARY SINUS PRESSURE RELIEF

(51) International classification	:A61F2/24,A61L27/04,A61F2/06	(71)Name of Applicant :
(31) Priority Document No	:12/954,468	1)DC DEVICES, INC.
(32) Priority Date	:24/11/2010	Address of Applicant :One Highwood Drive, Suite 300
(33) Name of priority country	:U.S.A.	Highwood Office Park Tewksbury, Massachusetts 01876 U.S.A.
(86) International Application No	:PCT/US2011/041841	(72)Name of Inventor :
Filing Date	:24/06/2011	1)MCNAMARA, Edward
(87) International Publication No	:WO 2012/071075	
(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 devices for relieving pressure in the left atrium of a patient s heart is disclosed. The method includes using an ablative catheter in a minimally invasive procedure to prepare an opening from the coronary sinus into a left atrium of the patient s heart. Once the opening is prepared the opening may be enlarged by a technique such as expanding a balloon within the opening. A stent is then placed within the coronary sinus of the patient with a transverse portion expanding within the opening allowing blood to flow from the left atrium to the coronary sinus and then to the right atrium. Pressure within the left atrium is thus relieved.

No. of Pages : 149 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1958/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : 6-AMIDO DERIVATIVES OF 4, 5A-EPOXYMORPHINANS FOR TREATMENT OF PAIN

(51) International classification :C07D489/04,A61K31/485,A61P25/04
(31) Priority Document No :61/394,481
(32) Priority Date :19/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/056827
Filing Date :19/10/2011
(87) International Publication No :WO 2012/054566
(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)PASTERNAK, Gavril
2)MAJUMDAR, Susruta

(57) Abstract :

Compounds of formula: in which R4 is chosen from substituted phenyl, optionally substituted naphthylene, optionally substituted anthracene and optionally substituted aromatic heterocycle, are useful as analgesics.

No. of Pages : 44 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2057/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : PREPARATION METHOD OF INTERMEDIATE OF SITAGLIPTIN

(51) International classification :C07D487/04,A61K31/4985,A61P3/10
(31) Priority Document No :10-2011-0006081
(32) Priority Date :20/01/2011
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2012/000408
Filing Date :18/01/2012
(87) International Publication No :WO 2012/099381
(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)LIM, Geun Gho
2)CHANG, Sun Ki
3)BYEON, Chang Ho

(57) Abstract :

The present invention provides a method which enables the simple, economical and high-yield production which is a key intermediate of antidiabetic drug Januvia.

No. of Pages : 10 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2058/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD AND APPARATUS TO CREATE AND MANAGE VIRTUAL PRIVATE GROUPS IN A CONTENT ORIENTED NETWORK

(51) International classification	:G06F15/16
(31) Priority Document No	:61/423,947
(32) Priority Date	:16/12/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CN2011/083625
Filing Date	:07/12/2011
(87) International Publication No	:WO 2012/079482
(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)RAVINDRAN, Ravishankar

2)WANG, Guoqiang

3)SHI, Guangyu

(57) Abstract :

A content router for managing content for virtual private groups in a content oriented network, the content router comprising storage configured to cache a content from a customer in a content oriented network (CON), and a transmitter coupled to the storage and configured to forward the content upon request, wherein the content is signed by the user, wherein the CON provides different security levels for different users in a plurality of users, and wherein the plurality of users correspond to a plurality of user classes.

No. of Pages : 59 No. of Claims : 22

(54) Title of the invention : METHOD FOR RESOURCE ALLOCATION,METHOD FOR CHANNEL STATE INFORMATION TRANSMISSION, BASE STATION AND USER EQUIPMENT

(51) International classification :H04W72/12
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :PCT/CN2010/080111
 Filing Date :22/12/2010
 (87) International Publication No :WO 2012/083530
 (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 :

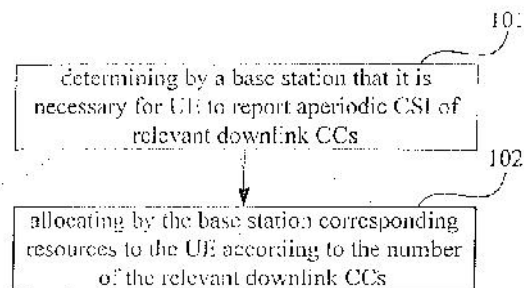
1)Yi WANG

2)Hua ZHOU

3)Jianming WU

(57) Abstract :

A resource allocation method, a Channel State Information (CSI) transmission method, a Base Station (BS) and a User Equipment (UE) are disclosed. The resource allocation method includes that the BS determines that the UE needs to report the aperiodic CSI of the related downlink Component Carriers (CCs); and the BS allocates corresponding resources for the UE based on the number of the related downlink CCs. The BS allocates the corresponding amount of resources for the UE based on the number of the downlink CCs, therefore the resources are allocated flexibly, and the uplink CSI transmission of multiple carriers is supported.



No. of Pages : 47 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2063/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD AND APPARATUS FOR IMPROVED INTRA PREDICTION MODE CODING

(51) International classification :H04N7/32
(31) Priority Document No :61/430,701
(32) Priority Date :07/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CN2011/076498
Filing Date :28/06/2011
(87) International Publication No :WO 2012/092761
(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)GUO, Mei
2)GUO, Xun
3)LEI, Shaw-Min

(57) Abstract :

A method and apparatus for coding intra chroma prediction mode of a chroma block are provided. The method comprising: receiving a set of chroma mode symbols associated with the intra chroma prediction mode of the chroma block, wherein the set of chroma mode symbols includes one entry associated with a Luma_mode to allow the chroma block to use an intra luma prediction mode of a corresponding luma block or an selected intra luma prediction mode of several corresponding luma block as the intra chroma prediction mode; determining the variable length codes for the set of chroma mode symbols, wherein a shortest length code is assigned to the Luma_mode; receiving a current intra chroma prediction code for a current chroma block; and determining a chroma prediction mode for the current intra chroma prediction mode of the current chroma block according to the variable length codes. A method and apparatus for decoding intra chroma prediction mode of a chroma block are also provided.

No. of Pages : 24 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2064/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : SUBSTITUTED PURINE AND 7 - DEAZAPURINE COMPOUNDS AS MODULATORS OF EPIGENETIC ENZYMES

(51) International classification :C07D487/04,A61K31/52,A61K31/519
(31) Priority Document No:61/419,661
(32) Priority Date :03/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/063044
Filing Date :02/12/2011
(87) International Publication No :WO 2012/075381
(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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1)OLHAVA, Edward, James

2)CHESWORTH, Richard

3)KUNTZ, Kevin, Wayne

4)RICHON, Victoria, Marie

5)POLLOCK, Roy, Macfarlane

6)DAIGLE, Scott, Richard

(57) Abstract :

The present invention relates to substituted purine and 7-deazapurine compounds. The present invention also relates to pharmaceutical compositions containing these compounds and methods of treating disorders in which DOT1 - mediated protein methylation plays a part, such as cancer and neurological disorders, by administering these compounds and pharmaceutical compositions to subjects in need thereof.

No. of Pages : 352 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2065/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : DISPERSION METHOD FOR THE PREPARATION OF PARTICLE REINFORCED POLYMER COMPOSITIONS

(51) International classification	:C08J3/215,C08J3/00	(71)Name of Applicant :
(31) Priority Document No	:1100568.3	1)CYTEC ENGINEERED MATERIALS LIMITED
(32) Priority Date	:13/01/2011	Address of Applicant :Abenbury Way, Wrexham Industrial
(33) Name of priority country	:U.K.	Estate, Wrexham Clwyd LL13 9UZ U.K.
(86) International Application No	:PCT/EP2012/050178	(72)Name of Inventor :
Filing Date	:06/01/2012	1)MEEGAN, Jonathan
(87) International Publication No	:WO 2012/095368	2)SMITH, Olivia
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Method of preparing a particle dispersion within a polymer is disclosed. The dispersion may include core shell rubber particles and the polymer may include epoxies. The particles are capable of being substantially dispersed within the polymer so as to substantially inhibit agglomeration of the particles. Mechanical properties, such as toughness are improved while glass transition temperature and viscosity are not substantially impaired by the presence of the particles.

No. of Pages : 31 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2066/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : IMAGE PROCESSING DEVICE AND PIXEL INTERPOLATION METHOD

(51) International classification :H04N1/40,G06T3/00,G06T5/00
(31) Priority Document No :2011-008653
(32) Priority Date :19/01/2011
(33) Name of priority country :Japan
(86) International Application No:PCT/JP2012/050883
Filing Date :11/01/2012
(87) International Publication No :WO 2012/099137
(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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1)NAKAMURA, Satoshi

(57) Abstract :

An image processing device that generates a pixel value of a pixel and interpolates the pixel with the pixel value, the image processing device including: a periodicity determining unit that determines whether an area including the pixel is a periodic area; a boundary determining unit that determines whether the pixel belongs to the periodic area or a non-periodic area; a first pixel value generating unit that generates a first pixel value; a second pixel value generating unit that generates a second pixel value; a control unit that determines whether the first pixel value generating unit is to be used or the second pixel value generating unit is to be used, based on determination results of the periodicity determining unit and the boundary determining unit; a pixel value inputting unit that inputs one of the first pixel value and the second pixel value to the pixel.

No. of Pages : 84 No. of Claims : 15

(54) Title of the invention : APPARATUS AND METHOD OF SAMPLE ADAPTIVE OFFSET FOR VIDEO CODING

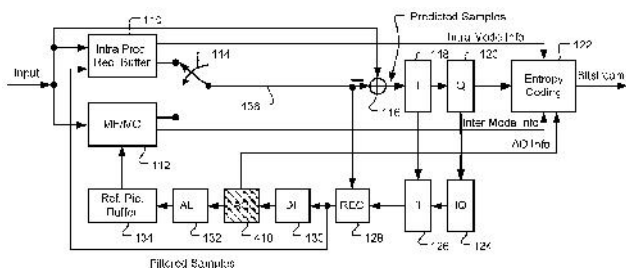
(51) International classification	:H04N7/32
(31) Priority Document No	:12/987,151
(32) Priority Date	:09/01/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CN2011/078644
Filing Date	:19/08/2011
(87) International Publication No	:WO 2012/092777
(61) Patent of Addition 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)CHEN, Ching-Yeh
3)TSAL, Chia-Yang
4)HUANG, Yu-Wen
5)LEI, Shaw-Min

(57) Abstract :

An apparatus and method for sample adaptive offset to restore intensity shift of processed video data are described. In a video coding system, the video data are subject to various processing such as prediction, transformation, quantization, deblocking, and adaptive loop filtering. Along the processing path in the video coding system, certain characteristics of the processed video data may be altered from the original video data due to the operations applied to video data. For example, the mean value of the processed video may be shifted. Therefore, the pixel intensity shift has to be carefully compensated or restored to alleviate the artifacts. Accordingly a sample adaptive offset scheme is disclosed that can take into consideration of the dynamic characteristics within a frame using a region partition scheme. Furthermore, the sample adaptive offset scheme also supports multiple sample adaptive offset types that can be tailored to the characteristics of processed video data and achieves better quality.



No. of Pages : 38 No. of Claims : 49

(54) Title of the invention : PREPARATION PROCESS OF AN ANTIVIRAL DRUG (ENTECAVIR) AND INTERMEDIATES THEREOF

(51) International classification :C07D473/18,C07D303/14,C07D303/16
 (31) Priority Document No :10382350.6
 (32) Priority Date :23/12/2010
 (33) Name of priority country :EPO
 (86) International Application No :PCT/EP2011/073800
 Filing Date :22/12/2011
 (87) International Publication No :WO 2012/085209
 (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)BERENGUER MAIMÓ, Ramón

3)VELASCO TURBAU, Javier

4)ARIZA PIQUER, Javier

5)FARRÀS SOLER, Jaime

6)GARCÍA GÓMEZ, Jorge

(57) Abstract :

It comprises a preparation process of entecavir comprising: submitting a (1S, 3R)-3-(tert- butyldimethylsilyloxy)-1 -(oxiran-2-yl)pent-4-yn-1-ol (VIII) to a double esterification and to a radicalary cyclization, yielding a compound of formula (V), where either a compound of formula (VIII) is submitted to a first esterification reaction, then to a catalytic radicalary cyclization using titanocene dichloride as catalyst in the presence of Mn/2,4,6-collidine HCl or Zn/2,4,6-collidine/trimethylsilyl chloride, and finally to a second esterification reaction or, alternatively, the compound of formula (VIII) is submitted first to a catalytic radicalary cyclization, and then to an esterification reaction. Entecavir can be obtained by submitting compound (V) to a desilylation reaction to remove the TBS group and then to a Mitsunobu coupling with 2- amino-6-chloroguanine, followed by hydrolysis. It also relates to some new intermediates of the process.

No. of Pages : 42 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1975/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD AND SYSTEM FOR THE DETERMINATION OF A STEERING ANGLE

(51) International classification :B62D1/02,B62D15/00,B62D123/00
(31) Priority Document No :2010905615
(32) Priority Date :23/12/2010
(33) Name of priority country:Australia
(86) International Application No :PCT/AU2011/001545
Filing Date :28/11/2011
(87) International Publication No :WO 2012/083340
(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)SMITS, Erik
2)FRASER, Matthew

(57) Abstract :

A method and system are provided for determining the angle of steering of a vehicle, particularly an agricultural vehicle, by determining vehicle yaw rate, determining vehicle speed, determining hydraulic flow in a hydraulic steering assembly connected in parallel with a manual hydraulic steering circuit of the vehicle, and processing the yaw rate, speed, and hydraulic flow data to determine the angle of steering of the vehicle.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2073/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : NATURAL ENROLMENT PROCESS FOR SPEAKER RECOGNITION

(51) International classification	:G10L17/00,H04L9/32	(71)Name of Applicant :
(31) Priority Document No	:61/431,402	1)GARCIA Wilson A.
(32) Priority Date	:10/01/2011	Address of Applicant :P.O. Box 108-013, Symonds Street,
(33) Name of priority country	:U.S.A.	Auckland, 1150, NEW ZEALAND
(86) International Application No	:PCT/US2012/020679	2)SAMUEL Garfield
Filing Date	:09/01/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2012/096901	1)GARCIA Wilson A.
(61) Patent of Addition to Application	:NA	2)SAMUEL Garfield
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The natural biometric enrolment system describes a methodology and associated apparatus for extracting spoken biometric voiceprint data from user/enrollee such a way that the natural course of live agent verification is used to mask what has typically been an automated interactive voice response task. The natural biometric enrolment system also provide the capability to synchronize agent location and agent identification such that tradition CTI systems integration is not required; this being achieved with a bidirectional and dual verification process wherein both agent and caller voiceprints are matched in a common database and software control is used to match the telephone caller with an enrolment and verification widget located at the agent desktop. Further such an enrollment/verification widget can be used by the agent to make human judgment notations in that cause the system to a) have better scoring for enrolment and verification; b) record notations reflecting the live agent confidence regarding the user's validity, or c) trigger a PIN reset for fraudulent callers in native or third party systems.

No. of Pages : 36 No. of Claims : 27

(54) Title of the invention : MOTOR VEHICLE

(51) International classification :B60W50/14,B62D15/02,G01S15/93
 (31) Priority Document No :10 2010 063 742.4
 (32) Priority Date :21/12/2010
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2011/072782
 Filing Date :14/12/2011
 (87) International Publication No :WO 2012/084645
 (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)YILMAZ, Deniz

(57) Abstract :

The invention relates to a motor vehicle (1), comprising several vehicle wheels (2), each wheel having a rim (3) and a tire (4). According to the invention, a distance measuring device (5) comprising at least one sensor (6) and an indicating device (8) is arranged in the passenger compartment. The at least one sensor is designed in such a way that the at least one sensor detects a distance between at least one of the rims (3) and an adjacent obstacle, in particular a curb (9), and transmits a corresponding signal to the indicating device (8). Said indicating device (8) is designed in such a way that it produces at least one warning signal when a predefined distance between at least one rim (3) and the adjacent obstacle is reached or fallen below. A sensor (6) of the distance measuring device (5) is arranged on the vehicle wheel (2) and at least one sensor (6) is designed as an RFID chip.

No. of Pages : 12 No. of Claims : 9

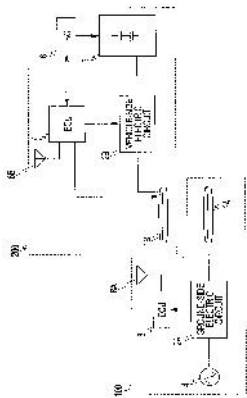
(54) Title of the invention : NON-CONTACT CHARGING DEVICE

(51) International classification :H02J7/00,B60L3/00,B60L5/00
 (31) Priority Document No :2010-290133
 (32) Priority Date :27/12/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/076428
 Filing Date :16/11/2011
 (87) International Publication No :WO 2012/090613
 (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)Throngnumchai KRAISORN

(57) Abstract :

A non-contact charging device is provided with: a power receiving device which has at least a power receiving coil (1B) which receives electrical power, in a non-contact manner, from a power transmitting coil (1A) by means of a magnetic connection; a battery (5) which is charged by the electrical power; a charge-state detection means, which detects the charge state of the battery (5); a position detection means which detects the position of the power transmitting coil (1A); and a charge time calculation means, which calculates a first charge time for the battery (5) according to the charge-state as detected by the charge-state detection means and a first position of the power transmitting coil (1A) as detected by the position detection means.



No. of Pages : 66 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2011/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : VEHICLE, AND METHOD FOR STEERING CONTROL OF SAME

(51) International classification :B62D6/00,B60G3/28,B62D5/04
(31) Priority Document No :2010-265680
(32) Priority Date :29/11/2010
(33) Name of priority country :Japan
(86) International Application No:PCT/JP2011/006586
Filing Date :25/11/2011
(87) International Publication No :WO 2012/073469
(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)Yusuke KAGEYAMA
2)Yutaka MIKURIYA

(57) Abstract :

The present invention improves the steering performance and stability of an vehicle suspension device. Comprised are a steer-by-wire system for detecting a displacement of a steering wheel and causing a displacement of a steering rack for steering steered wheels using an actuator on the basis of detection results, and a suspension device for suspending the steered wheels on a vehicle body. The suspension device includes a wheel hub mechanism for supporting tire wheels on which tires are mounted, and a plurality of link members for supporting the wheel hub mechanism on the vehicle body. A king pin axis passing through an upper pivot point and a lower pivot point of the link members is set so as to pass through a contact patch of the tire at a neutral position of the steering wheel.

No. of Pages : 88 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2012/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : AQUEOUS FLAME RETARDANT COMPOSITION FOR MINERAL FIBER-BASED MAT,AND MATS OBTAINED

(51) International classification :C08K5/1525,C08K5/1539,C03C25/26
(31) Priority Document No :10/05202
(32) Priority Date :31/12/2010
(33) Name of priority country :France
(86) International Application No :PCT/FR2011/053195
Filing Date :26/12/2011
(87) International Publication No :WO 2012/089981
(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)CHUDA, Katarzyna

(57) Abstract :

The present invention relates to an aqueous fire retardant composition for a mineral fiber mat, in particular glass or rock fibers, which includes - at least one thermoplastic or thermosetting resin, and - at least one organic flame retardant agent chosen from a) alkyl ketene dimers (AKD) having the following formula (I), where R1 and R2, which are identical or different, represent a C4-C18 alkyl radical, preferably at C12-C16 and b) alkenyl succinic anhydrides (ASA) having the following formula (II) where R3 and R4, which are identical or different, are an alkyl radical, the total number of carbon atoms in said radicals varying from 10 to 18, and preferably from 12 to 14. The invention likewise relates to mats treated with the aforesaid aqueous fire retardant composition.

No. of Pages : 14 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.362/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : SECONDARY AIR SYSTEM

(51) International classification	:F04D 29/00
(31) Priority Document No	:101112043
(32) Priority Date	:05/04/2012
(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

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2)SHIH, TING-WEI
3)WANG, YU-REN
4)CHEN, HSIEN-LUNG
5)TSAL, CHIA-CHANG
6)CHANG,HSIN-CHAN

(57) Abstract :

A secondary air system includes an engine connected with an exhaust pipe, a fan arranged on the engine, a fan guard shielding the fan, a first conveying tube extending from a peripheral portion of the fan guard and being connected to an inlet side of a control valve, a second conveying tube extending from an outlet side of the control valve and being connected to the exhaust pipe, and a check valve arranged between the second conveying tube and the exhaust pipe. Thereby, an unstable supply of secondary air during a medium- or high-speed loading of the engine can be avoided so as to purify engine exhaust efficiently and to achieve the purpose of environmental protection.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2060/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : ENHANCING KEYCAP LEGEND VISIBILITY WITH OPTICAL COMPONENTS

(51) International classification :G06F3/02
(31) Priority Document No :12/973,888
(32) Priority Date :20/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/065421
Filing Date :16/12/2011
(87) International Publication No :WO 2012/087800
(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)APPLE INC.
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U.S.A.
(72)**Name of Inventor :**
1)MAHOWALD, Peter H.
2)MOLLER, Ronald J.
3)HANKEY, M. Evans
4)ANDRE, Bart K.
5)DIONELLO, Rafael

(57) Abstract :

Techniques and apparatus to provide improved visibility to user input devices, such as keys, are disclosed. In low light conditions, key legends can be difficult to distinguish. For example, often keys have legends on them to visually distinguish them from one another, but in low light conditions it can be difficult for users to visually identify the different keys. The legends can be textual and/or graphic. Hence, according to one embodiment, light from a nearby (e.g., attached) display device can be used to provide illumination to the user input devices (e.g., keys). The user input devices can be configured to include reflective optical components to enhance reflection of light and thereby improve visibility of the keys or the legends thereon.

No. of Pages : 52 No. of Claims : 33

(54) Title of the invention : METHOD AND APPARATUS OF TRANSFORM UNIT PARTITION WITH REDUCED COMPLEXITY

(51) International classification :H04L29/06
 (31) Priority Document No :61/450,720
 (32) Priority Date :09/03/2011
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/CN2011/078149
 Filing Date :09/08/2011
 (87) International Publication No :WO 2012/119376
 (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)MEDIATEK SINGAPORE PTE. LTD.

Address of Applicant :No. 1 Fusionopolis Walk, #03-01 Solaris, Singapore

(72)Name of Inventor :

1)LIU, Shan

2)ZHOU, Zhi

3)LEI, Shaw-Min

(57) Abstract :

Three block concepts are introduced in HEVC: coding unit (CU), prediction unit (PU), and transform unit (TU). The overall coding structure is characterized by the various sizes of CU, PU and TU in a recursive fashion. For transform processing in current HEVC, a hierarchy RQT (Residual Quad Tree) is used and the TU size is related to the CU size, but independent of the PU size. This results in high encoding complexity and also causes increased processing time to process the syntax of residual quad tree. Accordingly a modified transform unit partition with reduced complexity is disclosed. According to an embodiment, the TU size may be restricted to the minimum of PU width and height, except for a 2Nx2N coding unit with the 2Nx2N partition type. In another embodiment, the maximum TU size equals to maximum of PU width and height, and the minimum TU size equals to minimum of the PU width and height, except for a 2Nx2N coding unit with the 2Nx2N partition type. In yet another embodiment, the TU size is selected between 2Nx2N and NxN for the 2Nx2N, 2NxN, Nx2N and NxN partition types. The syntax element, split_transform_flag, is used to indicate the selection of 2Nx2N or NxN TU size when needed. Furthermore, a method with reduced complexity of selecting the best merge candidate for the 2Nx2N CU merge mode is disclosed. The method relies on R-D cost associated with the motion vector of merge candidate to reduce required computation.

transform_tree(x, y0, log2TransformSize, transformDepth, blkSize) {	Descriptor
...	
if (residualDataPresent==0) {	
split_transform_flag = 1;	
if (transformDepth==0 && PartMode==PART_NxN) {	
split_transform_flag	u(1) t(x,y)
if (PredMode == MODE_INTRA) {	
coded_block_flag_ch[x0 y0 transformDepth]	u(1) t(x,y)
coded_block_flag_cr[x0 y0 transformDepth]	u(1) t(x,y)
}	
}	
}	
}	

No. of Pages : 23 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2062/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : 7-DEAZAPURINE MODULATORS OF HISTONE METHYLTRANSFERASE, AND METHODS OF USE THEREOF

(51) International classification :C07H19/14,C07D487/04,C07D405/14
(31) Priority Document No :61/419,504
(32) Priority Date :03/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/063314
Filing Date :05/12/2011
(87) International Publication No :WO 2012/075500
(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)EPIZYME, INC.
Address of Applicant :400 Technology Square 4th Floor
Cambridge, MA 02139 U.S.A.
(72)Name of Inventor :
1)CHESWORTH, Richard
2)KUNTZ, Kevin, Wayne
3)OLHAVA, Edward, James
4)PATANE, Michael, A.

(57) Abstract :

Disclosed are compounds, pharmaceutical compositions containing the compounds, uses of the compounds and compositions as modulators of histone methyltransferases, and methods for treating diseases influenced by modulation of histone methyltransferase activity.

No. of Pages : 126 No. of Claims : 102

(12) PATENT APPLICATION PUBLICATION

(21) Application No.372/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :02/04/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : SWITCH INSERT OF AN ELECTRICAL INSTALLATION SWITCH

(51) International classification	:F01L 1/00
(31) Priority Document No	:10 2012
(32) Priority Date	006 865.4
(33) Name of priority country	:04/04/2012
(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)ABB AG

Address of Applicant :KALLSTADTER STR. 1, 68309

MANNHEIM, GERMANY

(72)Name of Inventor :

1)DAVID A. WHEELER

2)CHRISTOPHER J. DELAMONT

(57) Abstract :

The invention proposes a switch insert (1) of an electrical installation switch, having a switch housing which is formed from a housing lower part (3) and a housing cover (27) and on which a switch rocker (41) is fastened in a rotatable manner, wherein at least two connection terminals (15, 18, 22) which can be electrically connected to one another by means of a contact rocker (36) which can be acted on by the switch rocker (41) are provided, wherein fastening means which lock the contact rocker (36) in a premounting position are provided on the inner face of the housing cover (27), wherein an aperture (29) for engagement of an operating arm of the switch rocker (41) is provided in a base wall (28) of the housing cover (27), wherein, when the switch rocker (41) is mounted on the switch housing, the operating arm pushes the contact rocker (36) into an operating position in which the contact rocker (36) rests on a contact rocker bearing (19).

No. of Pages : 14 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2075/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : SELF-LOCKING NUT

(51) International classification :F16B39/30,F16B39/284
(31) Priority Document No :20 2010 015 819.2
(32) Priority Date :29/11/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2011/050050
Filing Date :24/11/2011
(87) International Publication No :WO 2012/076004
(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)RUIA GLOBAL FASTENERS AG
Address of Applicant :Further Str., 24-26, 41462 Neuss
GERMANY
(72)Name of Inventor :
1)DIENER, Frank-Uwe
2)GIRAUD, Wolfgang
3)OBERND-RFER, Siegfried
4)SCHRAER, Thorsten

(57) Abstract :

The invention relates to a self-locking nut (10) having an internal thread (12) with a core hole which has one or a plurality of regions (14) having a reduced internal diameter.

No. of Pages : 16 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2076/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : SELF-LOCKING SCREW

(51) International classification	:F16B39/30
(31) Priority Document No	:20 2010 015 839.7
(32) Priority Date	:26/11/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE2011/050049
Filing Date	:24/11/2011
(87) International Publication No	:WO 2012/079569
(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)RUIA GLOBAL FASTENERS AG

Address of Applicant :Further Str., 24-26, 41462 Neuss

GERMANY

(72)Name of Inventor :

1)ESPER, Stephan

(57) Abstract :

The invention relates to a self-locking screw (16; 116) in which the flanks (18; 118) which are loaded when the screw (16; 116) is screwed are provided with an arched portion (20; 120).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2077/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHODS AND APPARATUS FOR AN ADJUSTABLE STIFFNESS CATHETER

(51) International classification :A61M25/00

(31) Priority Document No :61/430,303

(32) Priority Date :06/01/2011

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/065515

Filing Date :16/12/2011

(87) International Publication No :WO 2012/094135

(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)W. L. GORE & ASSOCIATES ,INC.

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19711 U.S.A.

(72)Name of Inventor :

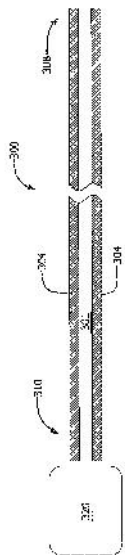
1)CULLY, Edward, H.

2)DUNCAN, Jeffrey, B.

3)TRAPP, Benjamin, M.

(57) Abstract :

Apparatus and methods for an endovascular catheter that can be inserted within tortuous body anatomies and then selectively stiffened and fixed in place. In a particular embodiment, this stiffness is reversible. The stiffness or a comparable mechanical characteristic of the catheter assembly may be adjusted to a relatively low value during insertion (so that it easily navigates a guide wire or the like), and then subsequently adjusted to a relatively high value in situ to keep the catheter assembly substantially fixed in place (i.e., during delivery of an interventional device).



No. of Pages : 36 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION

(21) Application No.381/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :04/04/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : PROCEDURE FOR THE PURIFICATION OF TIACUMICIN B

(51) International classification	:C12N 7/00
(31) Priority Document No	:MI2012A000560
(32) Priority Date	:05/04/2012
(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)OLON S.P.A

Address of Applicant :STRADA RIVOLTANA, KM 6/7
20090 RODANO, ITALY

(72)Name of Inventor :

1)FONTE PIERA

2)LAZZARI GIOVANNI

(57) Abstract :

The present invention relates to an improved process for the purification of tiacumicin B. Specifically, the invention relates to a simplified, optimised process for the purification of tiacumicin B from a fermentation broth, using chromatography techniques. In particular, the invention relates to a method for purifying tiacumicin B which comprises subjecting a liquid containing tiacumicin B to at least one hydrophobic interaction chromatography step. The process according to the invention is simpler than the processes according to the prior art, and can easily be used on a large scale for commercial production.

No. of Pages : 11 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.397/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :09/04/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : CONTROLLABLE COMPOSITE CLUTCH HAVING LIMITED TORQUE WHILE BEING IN RELEASED STATE

(51) International classification	:F16H 48/00	(71)Name of Applicant : 1)TAI-HER YANG
(31) Priority Document No	:13/444,068	Address of Applicant :NO. 59, CHUNG HSING 8 ST., SI-HU
(32) Priority Date	:11/04/2012	TOWN, DZAN-HWA, TAIWAN, R.O.C.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)TAI-HER YANG
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 provides a controllable composite clutch having limited torque while being in a released state, in which a clutch capable of being controlled for performing engaging/releasing function and a physical limited torque device having relatively smaller torque being axially installed between an input/output shaft and an output shaft, or being radially installed between an input shaft and a cylindrical outputting rotation part; so when the clutch is controlled to be in an engaged state, the rotary kinetic energy between the input shaft and the output shaft is transferred through the clutch; when the clutch is controlled to be in a released state, the physical limited torque device performs limited torque coupling, such that the rotary kinetic energy between the input shaft and the output shaft can continue to be transferred and the slip rotational speed differential is generated due to over-torque can be carried out by smaller set torque.

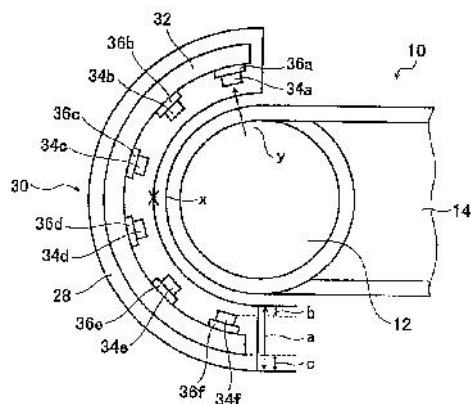
No. of Pages : 17 No. of Claims : 5

(54) Title of the invention : ELECTROMAGNETIC COIL APPARATUS FOR GENERATING SHIFTING MAGNETIC FIELD

(51) International classification	:H01F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JFE STEEL CORPORATION
(32) Priority Date	:NA	Address of Applicant :2-3, UCHISAIWAI-CHO 2-CHOME,
(33) Name of priority country	:NA	CHIYODA-KU, TOKYO 100-0011 JAPAN
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)FUJITA, HIROKI
(87) International Publication No	: NA	2)YAMADA, MASAHIRO
(61) Patent of Addition to Application Number	:NA	3)TAMIYA, KENICHIRO
Filing Date	:NA	4)SASAKI, MASANORI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is an electromagnetic coil apparatus for generating a shifting magnetic field to rotate molten metal, for use in a non-metallic inclusion removal system for separating and removing non-metallic inclusions from molten metal in a container by rotating the molten metal in a horizontal direction. The apparatus includes a plurality of electromagnets arranged in the rotation direction of the molten metal and sequentially driven in the rotation direction of the molten metal; and a plurality of cooling means provided on the electromagnets, respectively, each for cooling a core of the relevant electromagnet in its tip portion on the molten metals side. Each cooling means has at least two cooling pipes in contact with the tip portion of the core of the relevant electromagnet. The electromagnetic coil apparatus as such is capable of a stable operation for a long period of time even though it is a large-sized one adapted for large tundishes.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2019/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : PAD-SHAPED ABSORBENT ARTICLE

(51) International classification :A61F13/15,A61F13/49,A61F13/53
(31) Priority Document No :2011-015803
(32) Priority Date :27/01/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/079288
Filing Date :19/12/2011
(87) International Publication No :WO 2012/101934
(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)Unicharm Corporation
Address of Applicant :182, Shimobun, Kinsei-cho,
Shikokuchuo-shi, Ehime, 7990111 JAPAN
(72)Name of Inventor :
1)KATSURAGAWA, Kunihiro
2)SASAYAMA, Kenichi
3)ICHIKAWA, Makoto

(57) Abstract :

Provided is a pad-shaped absorbent article that contains highly water-absorbent polymer particles. The pad-shaped absorbent article (1) is formed by interposing highly water-absorbent polymer particles (4) between opposing surfaces of two superposed sheets (2, 3). The article (1) comprises absorbing regions (6) and sealing regions (7). In the absorbing regions (6), the highly water-absorbent polymer particles (4) are joined to the sheet (3) via a hot melt adhesive (11). In the sealing regions (7), the sheet (2) and the sheet (3) are joined and surround the absorbing regions (6).

No. of Pages : 43 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2020/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : BASE STATION, MOBILE TERMINAL, AND COMMUNICATION CONTROL METHOD

(51) International classification :H04W72/04,H04J1/00,H04J11/00

(31) Priority Document No :2010-286568

(32) Priority Date :22/12/2010

(33) Name of priority country :Japan

(86) International Application
No :PCT/JP2011/079744

Filing Date :21/12/2011

(87) International Publication
No :WO 2012/086734

(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 :11-1, Nagatacho 2-chome, Chiyoda-ku,
Tokyo 1006150 JAPAN

(72)Name of Inventor :

1)ABE, Tetsushi

2)NAGATA, Satoshi

(57) Abstract :

The present invention provides a base station, mobile terminal, and communication control method with which reference signals are appropriately transmitted and received even when the ratio of reference signals in a specified period increases. The base station transmits CSI-RS to a first mobile terminal capable of receiving CSI-RS and a second mobile terminal capable of receiving CSI-RS set at a lower ratio in the specified period than the first mobile terminal. The first mobile terminal allocates CSI-RS to a mutable CSI-RS resource at a ratio at which reception is possible. When a resource to which CSI-RS has been allocated is notified to the first mobile terminal and a resource to which CSI-RS has been allocated is notified to the second mobile terminal, some of the resources are notified as muted resources.

No. of Pages : 53 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.399/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :09/04/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : BAG FOR THE CONTAINING OF LIQUID PRODUCTS EMANATING GAS, IN PARTICULAR YEAST

(51) International classification	:B29C 65/00	(71)Name of Applicant : 1)GOGLIO S.P.A.
(31) Priority Document No	:MI2012A 000647	Address of Applicant :VIA ANDREA SOLARI, 10 20144 MILANO ITALY
(32) Priority Date	:18/04/2012	(72)Name of Inventor :
(33) Name of priority country	:Italy	1)GOGLIO FRANCO
(86) International Application No	:NA	2)BOTTINI GIORGIO
Filing Date	:NA	3)FANTONI LUCA
(87) 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 :

Bag for containing liquid products which produce gas, in particular yeast, of the double wall type, comprising two opposite faces (2) joined one to the other along a perimeter heat-sealing line (3) and a spout (7) for filling/delivering the liquid product placed on one of these faces (2), the double wall of the bag comprising a polyethylene- based inner film (5) with high permeability and a reinforcing outer film (6), wherein said outer film (6) is made of a polyethylene-based nonwoven fabric.

No. of Pages : 10 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.464/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : A RETROFITTABLE AND PORTABLE APPARATUS FOR THE PRODUCTION OF BAMBOO CHARCOAL AND BAMBOO VINEGAR AND THE METHOD THEREOF

(51) International classification	:B01J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BISWAS ARIJIT
(32) Priority Date	:NA	Address of Applicant :E/8, ANANDALOKE
(33) Name of priority country	:NA	KANKURGACHI, WEST BENGAL KOLKATA, 700054 West
(86) International Application No	:NA	Bengal India
Filing Date	:NA	2)MAHANTA PINAKESWAR
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)BISWAS ARIJIT
Filing Date	:NA	2)MAHANTA PINAKESWAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The retrofittable and portable apparatus for production of bamboo charcoal and vinegar comprises a combustion chamber having three fuel inlets for burning fuel under controlled temperature. The bamboo sticks are burnt by placing them vertically inside an insulated tar drum placed on the perforated plate on top of combustion chamber. The perforated plate prevents bamboo sticks from direct contact of flames and provides uniform distribution of heat throughout the tar drum which yields high quality charcoal with uniform distribution in the quality. Air channels under the fuel inlets continuously supply air draft to upward direction by setting up natural convection process. Complete insulation of the apparatus produces excellent quality charcoal with high calorific value, higher iodine number and increased surface area. The bamboo charcoal and bamboo vinegar produced using invented apparatus is of higher quality and have higher yield as compared the one produced using conventional processes, thus standardizing the production process.

No. of Pages : 33 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2078/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 01/11/2013

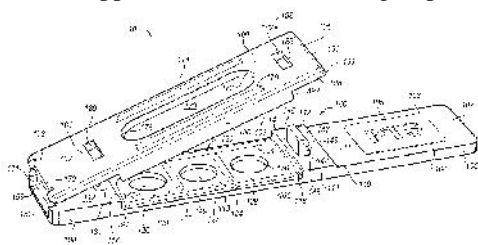
(54) Title of the invention : BLOOD SEPARATION SYSTEM AND METHOD FOR A DRY TEST STRIP

(51) International classification :C12M1/34
(31) Priority Document No :61/478,392
(32) Priority Date :22/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/034688
Filing Date :23/04/2012
(87) International Publication No :WO 2012/145753
(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)POLYMER TECHNOLOGY SYSTEMS, INC.
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(72)Name of Inventor :
1)HUGHES, Gary
2)PATWARDHAN, Aniruddha P.
3)MCCHESNEY, Darby
4)HARPER, Robert D.
5)TOMEIO, Heather
6)LADUCA, Frank M.

(57) Abstract :

A dry test strip layer for filtering red blood cells includes a Borosilicate Glass Fiber layer and lectin, impregnated in the borosilicate layer, such that the dry test strip is configured to filter red blood cells from a blood sample and perform bodily fluid analysis with particular application to on-site testing of particular analytes in blood.



No. of Pages : 29 No. of Claims : 25

(54) Title of the invention : FLEXIBLE FRICTION PAD AND BRAKE LINING PROVIDED WITH SUCH A PAD

(51) International classification :F16D65/092,F16D69/04,F16D65/00
 (31) Priority Document No :1005140
 (32) Priority Date :28/12/2010
 (33) Name of priority country :France
 (86) International Application No :PCT/FR2011/053152
 Filing Date :22/12/2011
 (87) International Publication No :WO 2012/089968
 (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)FAIVELEY TRANSPORT

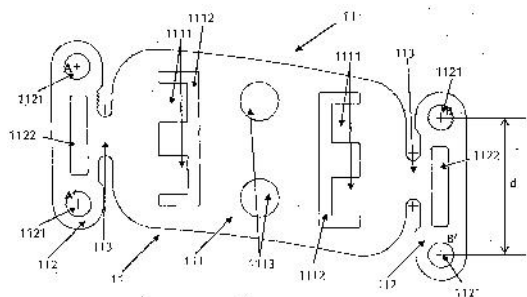
Address of Applicant :3 Rue du 19 mars 1962, Immeuble Le Delage Hall Parc Bt A 6, F-92230 Gennevilliers FRANCE

(72)Name of Inventor :

1)LELIEVRE, Loïc**2)CABOURO, Gwenaël**

(57) Abstract :

The invention relates a friction pad (1) intended to be mounted on a brake lining, including a base (11) and at least one first friction material (12), the first friction material (12) being attached to at least one portion of said base (11), the base (11) and the first friction material (12) defining a first plane at the interface thereof. The base (11) has: a mounting bracket (111) to which at least the first friction material (12) is attached, at least one first hooking interface (112) distant from the mounting bracket (111) in a direction parallel to the first plane, for directly or indirectly attaching the pad (1) to the brake lining, and at least one first neck (113) extending parallel to the first plane, thereby forming a resilient leaf between the mounting bracket (111) and the first hooking interface (112), in order to enable the mounting bracket (111) to accommodate translational and rotational movements in every direction.



No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.376/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :03/04/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : FILTER SYSTEM

(51) International classification	:G05B 19/00	(71)Name of Applicant :
(31) Priority Document No	:EP12163968	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:12/04/2012	Address of Applicant :WITTELSBACHERPLATZ 2,80333
(33) Name of priority country	:EPO	MÜNCHEN, GERMANY
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)TAMAS BAKO
(87) International Publication No	: NA	2)THOMAS BORGER
(61) Patent of Addition to Application Number	:NA	3)GERGO LADANYI
Filing Date	:NA	4)TAMAS SZIGETHY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A filter system (201, 301, 401, 501, 601) with infinite impulse response shall be created that has a particularly low sensitivity in the numerical representation of filter coefficients. This is achieved through the transfer function of the filter system comprising at least one pair of first order polynomial fractions.

No. of Pages : 20 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.480/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : A UNIVERSAL ADJUSTABLE DEVICE FOR ROOT AND SHROUD MILLING OF STEAM TURBINE BLADES ON CNC HORIZONTAL MACHINING CENTER

(51) International classification	:F01D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARAT HEAVY ELECTRICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :REGIONAL OPERATIONS
(33) Name of priority country	:NA	DIVISION(ROD), PLOT NO:9/1,DJ BLOCK 3RD FLOOR,
(86) International Application No	:NA	KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091,
Filing Date	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
(87) International Publication No	: NA	FORT, NEW DELHI - 110049, INDIA.
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BISWAJIT DAS
(62) Divisional to Application Number	:NA	2)VIJAY KUMAR CHUGH
Filing Date	:NA	3)VARUN KUMAR SINGH
		4)ANKUR MEGHANI
		5)SAKSHAM SAXENA

(57) Abstract :

A universal adjustable device for root and shroud milling of steam turbine blades on CNC horizontal machining center comprising at least one base (1); at least one blade rest (2); at least one wedge (3) having a taper surface (13); at least one bolt (4) fitted to the wedge; at least one nut (5); at least one cover plate (6); a plurality of screws (7); The blade rest (2) having keys (12) on both side is guided in the slot (8) of the base (1) and rests on the wedge (3) for creating a surface of blade rest (2) at an angle with the horizontal for a tapered machining corresponding to the angle of the turbine blade wherein the bolt (4) is welded to a nut (5) and fitted to the threaded hole of the wedge (3) for moving the wedge horizontally for adjustment of the height of the blade rest (2).

No. of Pages : 27 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.88/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :23/01/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : HYBRID VEHICLE WITH ELECTRIC TRANSMISSION AND ELECTRIC DRIVE MODULE

(51) International classification	:B60K6/383	(71)Name of Applicant :
(31) Priority Document No	:13/459,541	1)GM GLOBAL TECHNOLOGY OPERATIONS LLC
(32) Priority Date	:30/04/2012	Address of Applicant :300 GM RENAISSANCE CENTER,
(33) Name of priority country	:U.S.A.	DETROIT, MICHIGAN 48265-3000, U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ALAN G. HOLMES
(87) International Publication No	: NA	2)BRENDAN M. CONLON
(61) Patent of Addition to Application Number	:NA	3)NORMAN K. BUCKNOR
Filing Date	:NA	4)CONSTANTINE NICK RAPTIS
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A hybrid vehicle is provided with an electric transmission operatively connected to a first axle and an electric drive module operatively connected to a second axle. A transmission ratio of a differential gear set and a final drive of the electric transmission are selected so that a torque ratio of torque of the first axle over the torque of the engine is that at which any working chamber of the engine that is operated to expand the working fluid can operate without throttling, without torque of the engine torque exceeding a torque necessary to propel the vehicle at a steady vehicle speed, and with the second electric machine freewheeling.

No. of Pages : 39 No. of Claims : 10

(54) Title of the invention : AN IMPROVED DEVICE FOR DRILLING OF HOLES ON INSERT COVER OF A STATOR BODY IN A TURBOGENERATOR

(51) International classification

:H02P9/00

(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)BHARAT HEAVY ELECTRICALS LIMITED

Address of Applicant :REGION CAL OPERATIONS
DIVISION(ROD) PLOT NO:9/1, DJ BLOCK 3RD FLOOR,
KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091
HAVING ITS REGISTERED OFFICE AT BHEL HOUSE SIRI
FORT, NEW DELHI - 110049, INDIA.

(72)Name of Inventor :

1)MR. GHASITU RAM**2)MR. MANISH KUMAR****3)MR. TILAK RAM****4)MR. PRAVEEN KUMAR****5)MR. YOGENDRA SINGH****6)MR. PANKAJ KUMAR RAWAT**

(57) Abstract :

The invention relates to an improved device for drilling of holes on insert cover of a stator body in a turbogenerator comprising : a base plate (1); a arm (2) rotatably fixed at the centre of the base body (1); a balance weight (3) to counterbalance the weight of other components, so as to ensure a free rotation of the arm (2); a clamping plate (4) to lock the position of the arm during drilling operation; a gear arrangement (5) to turn the rotation of the arm (2); an electric motor (6) to operate the device; and a centering pin (7) to flexibly lock the arm (2) on the base plate (1). Wherein the arm (2) of the device is enabled to rotate around the centering pin (7) such that the device is aligned at a center of the bore of the end shield seating surface to allow drilling of holes on the insert cover.

No. of Pages : 13 No. of Claims : 1

(54) Title of the invention : A METHOD FOR MANUFACTURING BRUSH SEALS FOR TURBO MACHINERY OPERABLE AT LOWER RADIAL ROTOR-STATOR CLEARANCES WITH IMPROVED LEAKAGE PERFORMANCE

(51) International classification	:H01M	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARAT HEAVY ELECTRICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :REGIONAL OPERATIONS
(33) Name of priority country	:NA	DIVISION(ROD), PLOT NO:9/1, DJ BLOCK 3RD FLOOR,
(86) International Application No	:NA	KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091,
Filing Date	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
(87) International Publication No	: NA	FORT, NEW DELHI - 110049, INDIA.
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ILAPAVULURU VENKATA SUBBA HANUMATH
(62) Divisional to Application Number	:NA	PRASAD
Filing Date	:NA	2)CHALAPATHI RAO DAVULURI.
		3)RAMA MOHANA RAO
		4)KUMARAN SHYAM SUNDER

(57) Abstract :

A method of manufacturing brush seal for turbo machine, comprising the steps of, winding a wire on a circular winding plate having a plurality of grooves configured at an angle corresponding to the wire lay inclination; a plurality of separators(fins) with depth and thickness so as to achieve circular seal segments; a multiple groove separators having depth to maintain desired wire position including wire continuity during the process of winding; and micro indentation within the groove to restrict slippage during winding within the each groove, wherein radius on the top of the fins (separators) is selected to eliminate breakage of the winding at sharp corners of the winding plate; at least two circular grooves of said plurality of grooves disposed on the winding plate for accommodating the circular strips (thickness < 1mm) formed on either side of the winding plate to produce two bristle packs and support for TIG welding for the bristles from a single form plate; and providing circular fixtures for stress relieving of the wires from the plate, and machining all the bristle packs in a single reference direction for all machining operations including machining of the final internal diameter of the seal to achieve higher productivity, quality of dimensions, and uniformity of finish.

No. of Pages : 33 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2036/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : FLUID PUMP VOLUTE DIVERSION SYSTEM, SOLIDS COLLECTIONS SYSTEM AND RELATED METHODS FOR A WASHING MACHINE

(51) International classification :C02F1/00
(31) Priority Document No :61/439,751
(32) Priority Date :04/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/024011
Filing Date :06/02/2012
(87) International Publication No :WO 2012/106724
(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)CANTRELL John W

Address of Applicant :903 East 104th Street, Kansas City, Missouri 64131, U.S.A.

2)CHURCHILL Mark

3)LICATA MIKE

4)HUISENGA JOSH

5)GAST David

(72)Name of Inventor :

1)CANTRELL John W

2)CHURCHILL Mark

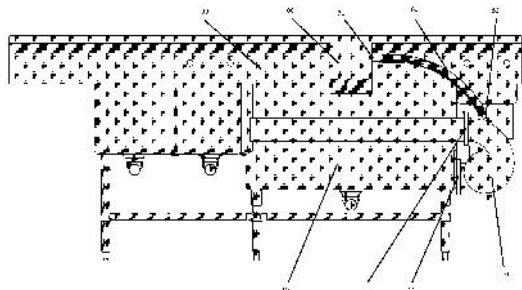
3)LICATA MIKE

4)HUISENGA JOSH

5)GAST David

(57) Abstract :

A fluid pump volute offshoot system for debris diversion and collection, a solids collection system, and related methods, for a pot and pan, or other, similar, washing machine is provided.



No. of Pages : 24 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2037/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : LATENT HEAT ACCUMULATOR

(51) International classification	:F28D20/02
(31) Priority Document No	:10 2011 002 965.6
(32) Priority Date	:21/01/2011
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2012/050037
Filing Date	:03/01/2012
(87) International Publication No	:WO 2012/098010
(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)BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH
Address of Applicant :Carl-Wery-Str. 34, 81739, München,
GERMANY
(72)**Name of Inventor :**
1)STOLZE, Andreas

(57) Abstract :

The invention relates to a device (1) for storing thermal energy withdrawn from a fluid in the form of latent heat, comprising a chamber (2), which has an inlet (3) and an outlet (4) and through which the fluid can flow, and at least two storage media (7, 9), which are arranged separately from each other in the chamber (2) and around which the fluid can flow and the phase transition temperatures of which differ from each other. In order to provide a corresponding device (1), by which a maximum amount of heat can be withdrawn from the fluid, according to the invention the positioning of the storage media (7, 9) relative to the chamber (2) is selected in accordance with the design- related different flow rates of the fluid in the chamber (2) such that the storage medium (7) having the lower phase transition temperature is arranged in a region of the chamber (2) in which the flow rate of the fluid is lower than in the region of the chamber (2) in which the storage medium (9) having the higher phase transition temperature is arranged.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2038/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : IMPROVED ARTIFICIAL AIRWAY

(51) International classification :A61M16/04

(31) Priority Document No :2011900332

(32) Priority Date :02/02/2011

(33) Name of priority country :Australia

(86) International Application No :PCT/AU2012/000092

Filing Date :02/02/2012

(87) International Publication No :WO 2012/103589

(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)UMEDAES LIMITED

Address of Applicant :Room 312A, 3F, Genplas Industrial Building, 56 Hoi Yuen Road Kwun Tong, Kowloon, HONGKONG, CHINA Hongkong(China)

2)SCHENBERG Michael Eric

3)BERG John

(72)Name of Inventor :

1)BERG John

2)SCHENBERG Michael Eric

3)ESNOUF Philip Stuart

(57) Abstract :

An artificial airway including an airway tube having proximal and distal ends and a mask mounted at the distal end of the airway tube characterized in that the airway tube includes a curved portion adjacent to its distal end and a straight portion extending from the curved portion to the proximal end of the airway tube and the curved portion is more rigid than the straight portion.

No. of Pages : 18 No. of Claims : 20

(54) Title of the invention : ADJUSTING APPARATUS, ADJUSTING SYSTEM, CRUSHER, CRUSHING PLANT AND METHOD FOR ADJUSTING THE CRUSHER

(51) International classification :B02C2/00,B02C21/02,B02C23/02

(31) Priority Document No :20115042

(32) Priority Date :17/01/2011

(33) Name of priority country :Finland

(86) International Application No :PCT/FI2012/050037
Filing Date :17/01/2012

(87) International Publication No :WO 2012/098292

(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)METSO MINERALS, INC.

Address of Applicant :Fabianinkatu 9 A, FI-00130 Helsinki
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(72)Name of Inventor :

1)VIILO, Keijo

2)ANTTILA, Kimmo

3)KUNAJA, Kari

4)MÄHÖNEN, Jouni

5)ONNELA, Tero

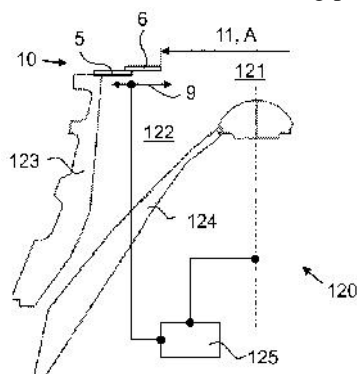
6)PELTOMÄKI, Kari

7)PELTONEN, Mika

8)TAKALO, Tuomas

(57) Abstract :

An adjusting apparatus (10) of a feed opening (121) of a crushing chamber (122) of a crusher (120) comprises one or more adjusting parts (5, 6, 7, 8; 901, 902; 911, 912, 913, 914) to be arranged in connection with the feed opening, which one or more adjusting parts is/are movable during crushing for adjusting a flow area (A) of material which is to be crushed and is flowing through the feed opening (121) to the crushing chamber (122), and front edges (5.1, 6.1, 7.1, 8.1) of the adjusting parts (5, 6, 7, 8; 901, 902; 911, 912, 913, 914) are forming a unitary flow opening (11; 907), the flow area (A) of which flow opening is adjustable by moving one or more adjusting parts. An adjusting system comprises an adjusting apparatus (10) for a feed opening (121) of a crushing chamber (122) of a crusher (120). A pressing crusher (120) suitable for mineral material crushing. A crushing plant (100). A method for adjusting a pressing crusher (120) or a crushing plant (100) suitable for mineral material crushing. A method for avoiding a start peak of a crusher. A method for limiting power intake and/or crushing pressure of a crusher.



No. of Pages : 46 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1951/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : HYDRAULIC CYLINDER POSITION SENSING AND LOCKING SYSTEM AND CORRESPONDING METHOD

(51) International classification	:F15B15/26,B66F3/30
(31) Priority Document No	:61/426,281
(32) Priority Date	:22/12/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/065994
Filing Date	:20/12/2011
(87) International Publication No	:WO 2012/088019
(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)ACTUANT CORPORATION
Address of Applicant :N86 W12500 Westbrook Crossing,
Menomonee Falls, WI 53051 U.S.A.
(72)**Name of Inventor :**
1)LEMKE, Austin, R.
2)WILLE, Nathan, A.

(57) Abstract :

The invention provides for a hydraulic cylinder position sensing and locking system that automatically maintains the position of a lock nut (36) that engages a plunger (16) on a hydraulic actuator such that if hydraulic pressure is lost, the lock nut prevents retraction of the plunger into the hydraulic cylinder (14). The hydraulic cylinder position sensing and locking system also provides for a position sensing feature that allows for the calculation of the axial stroke position of the plunger based on rotary movement of the lock nut. In addition, the invention provides for a synchronous hydraulic cylinder position sensing and locking system and methods of using both the hydraulic cylinder position sensing and locking system as well as the synchronous hydraulic cylinder position sensing and locking system.

No. of Pages : 48 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1952/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : BENZOXAZEPINES AS INHIBITORS OF P13K/MTOR AND METHODS OF THEIR USE AND MANUFACTURE

(51) International classification :C07D413/04,C07D413/14,C07D417/14
(31) Priority Document No :61/417,122
(32) Priority Date :24/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/062052
Filing Date :23/11/2011
(87) International Publication No :WO 2012/071519
(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)EXELIXIS, INC.

Address of Applicant :210 East Grand Avenue South San Francisco, CA 94080 U.S.A.

(72)Name of Inventor :

1)RICE, Kenneth

2)FOSTER, Paul

(57) Abstract :

The invention is directed 10 Compounds of Formula I: and pharmaceutically acceptable salts or solvates thereof, as well as methods of making and using the compounds.

No. of Pages : 346 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2051/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : DETERIORATION ANALYSIS METHOD

(51) International classification	:G01N23/06
(31) Priority Document No	:2010-281017
(32) Priority Date	:16/12/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/068139
Filing Date	:09/08/2011
(87) International Publication No	:WO 2012/081278
(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)KANEKO Fusae

2)KISHIMOTO Hiroyuki

(57) Abstract :

Provided is a deterioration analysis method which can analyze the state of deterioration of a polymeric material, particularly the state of deterioration of the surface of the polymeric material, in detail. The present invention relates to a deterioration analysis method which can analyze the state of deterioration of a polymer by irradiating a polymeric material with high-brightness X-ray and measuring the amount of the absorbed X-ray while changing the energy of the X-ray.

No. of Pages : 29 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.466/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :26/04/2012

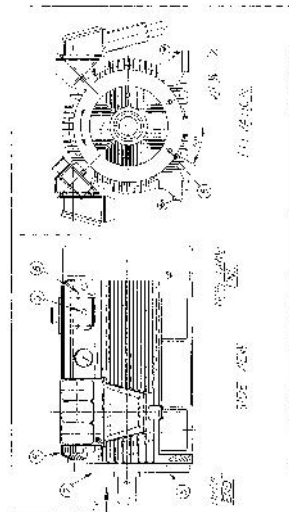
(43) Publication Date : 01/11/2013

(54) Title of the invention : 'AN IMPROVED PROCESS FOR FLOW CIRCULATION OF PRE-START PURGING AIR IN CAST IRON ENCLOSURE OF TEFC (TOTALLY ENCLOSED FAN FAN COOLED) A.C. INDUCTION MOTOR INSTALLED ON HAZARDOUS ZONES'

(51) International classification	:F04D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARAT HEAVY ELECTRICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :REGION CAL OPERATIONS
(33) Name of priority country	:NA	DIVISION(ROD), PLOT NO:9/1,DJBLOCK 3RD FLOOR,
(86) International Application No	:NA	KARUNAMOYEE,SALT LAKE CITY, KOLKATA-700091,
Filing Date	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE SIRI
(87) International Publication No	: NA	FORT, NEW DELHI - 110049, INDIA.
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MUKESH KUMAR MARAVI
(62) Divisional to Application Number	:NA	2)AKASH SACHAN
Filing Date	:NA	3)NIKESH PATEL

(57) Abstract :

The invention relates to an improved process for flow circulation of Pre-start purging air in cast iron enclosure TEFC (Totally Enclosed Fan Cooled) A.C Induction Motor installed on hazardous zones, the improvement is characterized by the steps of selecting a first strategic location of a first tapped hole (5) on drive end side End-Shield (7) of cast iron stator frame (6) for fixing a first end of Pipe-Flange (10); and selecting a second strategic location of a second tapped hole (9) on non-drive end side Terminal Box Opening Cover plate (8) of the motor body for fixing first end of the another Pipe-Flange (10), wherein the inlet (5) for purging air is provided at bottom of both side End-Shields (7) and the outlet (9) is provided at top and on the Terminal Box Opening Cover plate (8) for smooth removal of hazardous gases from the motor enclosure by the purging air.



No. of Pages : 14 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2039/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : TANGENTIAL CUTTING INSERT AND MILLING CUTTER

(51) International classification	:B23C5/06,B23C5/22	(71)Name of Applicant :
(31) Priority Document No	:210966	1)ISCAR LTD.
(32) Priority Date	:31/01/2011	Address of Applicant :P.O. Box 11, 24959 Tefen, ISRAEL
(33) Name of priority country	:Israel	(72)Name of Inventor :
(86) International Application No	:PCT/IL2012/000002	1)SATRAN, Amir
Filing Date	:05/01/2012	2)ZIBENBERG, Alexander
(87) International Publication No	:WO 2012/104832	3)CHEN, Danny
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A tangential cutting insert (10) has two opposing side surfaces (12) and a peripheral surface (14) extending between the side surfaces. The peripheral surface (14) has four identical end surfaces (18). The intersections of the end and side surfaces include major cutting edges (20). The intersection of end surfaces and adjacent end surfaces include minor cutting edges (24). Each of the major (20) and minor (24) cutting edges has a rake surface (34) extending in an inward direction of the cutting insert (10). In a side view of the cutting insert the major cutting edges (22) are concave.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2040/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : MOTOR VEHICLE DRIVE TRAIN AND METHOD OF OPERATING A DRIVE TRAIN

(51) International classification :B60K17/02,B60K6/387
(31) Priority Document No :10 2011 113 288.4
(32) Priority Date :12/09/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/067811
Filing Date :12/09/2012
(87) International Publication No :WO 2013/037810
(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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HERMANN HAGENMEYER GMBH & CIE KG**
Address of Applicant :Hermann-Hagenmeyer-Strasse, 74199
Untergruppenbach, GERMANY
(72)Name of Inventor :
**1)MOOSMANN, Hans-Peter
2)WOLF, Klaus-Dieter**

(57) Abstract :

The invention relates to a drive train (10) for a motor vehicle (11), comprising a drive unit, which has a drive motor (12; 70), a stepped transmission (16), which has a transmission input (14) and a first partial transmission (18) and a second partial transmission (20), and a power branching device (31), which distributes driving power to a first and to a second drive shaft (24, R; 26, L) of a driven axle (22). The drive motor (12; 70) is connected directly to the transmission input (14), wherein a first and a second friction clutch (32, 34; 36, 38) are associated with each of the two drive shafts (24, R; 26, L), wherein the first friction clutches (32, 34) connect the respective drive shaft (24, R; 26, L) to the first partial transmission (18) and wherein the second friction clutches (36, 38) connect the respective drive shaft (24, R; 26, L) to the second partial transmission (20), in such a way that the first friction clutches (32, 34) and the second friction clutches (36, 38) form the power branching device (31).

No. of Pages : 31 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2041/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD OFFOR SIGNALING IMAGE INFORMATION, AND METHOD OFFOR DECODING IMAGE INFORMATION USING SAME

(51) International classification :H04N7/32,H04N7/26
(31) Priority Document No :61/417,265
(32) Priority Date :25/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2011/008949
Filing Date :23/11/2011
(87) International Publication No :WO 2012/070857
(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)LG ELECTRONICS INC.
Address of Applicant :20 Yeouido-dong, Yeongdeungpo-gu,
Seoul 150-721, REPUBLIC OF KOREA
(72)**Name of Inventor :**
1)LIM, Jae Hyun
2)PARK, Seung Wook
3)KIM, Jung Sun
4)JEON, Yong Joon
5)PARK, Joon Young
6)JEON, Byeong Moon

(57) Abstract :

The present invention relates to a method offor signaling information on a prediction mode and to a method of for decoding image information using same. A According to the present invention, the method offor signaling prediction mode information, serving according to the present invention, as a method offor signaling image information, includes performingprediction on a current block and signaling the prediction -type information applied to the current block. The signaling of the information includes joint-coding and components of signaling information components constituting the prediction -type information. According to the present invention, overhead may be reduced when information on a prediction is signaled.

No. of Pages : 105 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.400/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :09/04/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : BRUSH-MAKING MACHINE

(51) International classification

:B29C
45/00

(31) Priority Document No

:20 2012
004 033.2

(32) Priority Date

:20/04/2012

(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)ZAHORANSKY AG

Address of Applicant :ANTON-ZAHORANSKY-STR. 1
79674 TODTNAU GERMANY

(72)Name of Inventor :

1)MERTEN THOMAS

(57) Abstract :

Brush-making machine (1) with at least two filling tools (2), to each of which a material bin (3) for filling material (4) is allocated, characterized in that the material bins (3) are located behind one another in the direction of filling and offset against one another in the longitudinal direction of the filling material (4) held in the material bins (3), and in that a stop element (8) for the separate guidance of filling material (4) selected from the individual material bins (3) to the filling tool (2) and during the filling of the selected filling material (4) is provided.

No. of Pages : 17 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2005/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : SANGLIFEHRIN DERIVATIVES AND METHODS FOR THEIR PRODUCTION

(51) International classification	:A61K31/5025,A61P31/12	(71)Name of Applicant :
(31) Priority Document No	:1021522.6	1)NEUROVIVE PHARMACEUTICAL AB
(32) Priority Date	:20/12/2010	Address of Applicant :Medicon Village, SCHEELEVÄGEN
(33) Name of priority country	:U.K.	2,22381 Lund, SWEDEN
(86) International Application No	:PCT/GB2011/052524	(72)Name of Inventor :
Filing Date	:20/12/2011	1)MOSS, Steven James
(87) International Publication No	:WO 2012/085553	2)GREGORY, Matthew Alan
(61) Patent of Addition to Application Number	:NA	3)WILKINSON, Barrie
Filing Date	:NA	4)KENDREW, Steven Gary
(62) Divisional to Application Number	:NA	5)MARTIN, Christine Janet
Filing Date	:NA	

(57) Abstract :

There are provided inter alia compounds of formula (I) and (II) and their use in therapy, particularly for the treatment of viral infection.

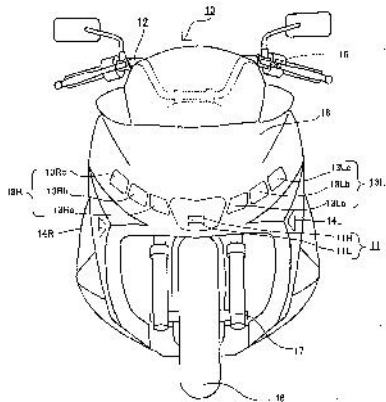
No. of Pages : 86 No. of Claims : 21

(54) Title of the invention : SUB HEADLIGHT UNIT AND SUB HEADLIGHT SYSTEM FOR USE IN VEHICLE THAT LEANS INTO TURNS, AND VEHICLE THAT LEANS INTO TURNS

(51) International classification	:B60Q1/06	(71)Name of Applicant :
(31) Priority Document No	:2012	1)YAMAHA HATSUDOKI KABUSHIKI KAISHA
(32) Priority Date	104063	Address of Applicant :2500, SHINGAI, IWATA-SHI,
(33) Name of priority country	:27/04/2012	SHIZUOKA 438-8501, JAPAN
(86) International Application No	:Japan	(72)Name of Inventor :
Filing Date	:NA	1)YASUHIKO KINO
(87) International Publication No	: NA	2)JUNICHI Ooba
(61) Patent of Addition to Application Number	:NA	3)MAKOTO KOSUGI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

To provide a sub headlight unit for use in a vehicle that leans into turns, by which occurrence of a situation where a rider feels uncomfortable about a change in an illumination range can be suppressed. [Solution] A sub headlight unit for use in a vehicle that leans into turns, wherein the sub headlight unit includes a sub headlight light source that illuminates, at one side with respect to a width direction of the vehicle, an area ahead and outward of the vehicle with respect to the width direction of the vehicle, the brightness of the sub headlight light source changes in accordance with a lean angle of the vehicle, when the lean angle of the vehicle leaning to the one side with respect to the width direction of the vehicle reaches a reference value that is set for the sub headlight light source, the sub headlight light source lights up with a first brightness, and in a period from when the lean angle of the vehicle reaches a lower value that is less than the reference value to when the lean angle of the vehicle reaches the reference value, the sub headlight light source lights up with a brightness lower than the first brightness.



No. of Pages : 78 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2027/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR PARTICLE SIZE DETERMINATION AND CONTROL IN A FLUIDIZED BED REACTOR

(51) International classification	:G01N15/02,F27B15/08	(71)Name of Applicant :
(31) Priority Document No	:12/981,084	1)MEMC ELECTRONIC MATERIALS, INC.
(32) Priority Date	:29/12/2010	Address of Applicant :501 Pearl Drive, St. Peters, Missouri
(33) Name of priority country	:U.S.A.	63376 U.S.A.
(86) International Application No	:PCT/IB2011/055882	(72)Name of Inventor :
Filing Date	:21/12/2011	1)BHUSARAPU, Satish
(87) International Publication No	:WO 2012/090132	2)NAWAZ, Arif
(61) Patent of Addition to Application	:NA	3)GUPTA, Puneet
Number	:NA	4)BALAKRISHNAN, Karthik
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems and methods are provided for determining the size of particles within a fluidized bed reactor. The pressure of gas adjacent a gas inlet and adjacent a gas outlet of the reactor are measured with pressure sensors. An algorithm is applied to at least one of the pressure measurements to determine the size of particles within the reactor. The determined size of the particles can be used to control the operation of the reactor. A dosing system and method is provided for measuring defined volumes of particles for transport to the reactor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.478/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : METHOD OF CONTINUOUSLY CASTING STEEL USING STATIC MAGNETIC FIELD

(51) International classification	:b22d	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JFE STEEL CORPORATION
(32) Priority Date	:NA	Address of Applicant :JFE STEEL CORPORATION 2-3,
(33) Name of priority country	:NA	UCHISAIWAI-CHO 2-CHOME, CHIYODA-KU, TOKYO
(86) International Application No	:NA	1000011 JAPAN
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)TAMIYA, KENICHIRO
(61) Patent of Addition to Application Number	:NA	2)FUJITA, HIROKI
Filing Date	:NA	3)KARIYA, KAZUHIRO
(62) Divisional to Application Number	:NA	4)SEKIGUCHI, HIROSHI
Filing Date	:NA	

(57) Abstract :

Disclosed is a method of continuously casting steel using a static magnetic field, adapted to continuously cast steel by using magnetic poles mounted on back faces of opposite side walls of a continuous casting mold at an approximate level of a surface of molten steel to generate a static magnetic field across an entire width inside the mold so as to brake a molten steel surface flow, including: controlling the molten steel surface flow by adjusting an electric current to be fed to the magnetic poles, in accordance with casting conditions for the steel to thereby adjust the static magnetic field generated in ability to brake the molten steel surface flow. In the method, the molten steel contains at least aluminum in an amount of not less than 0.010 % by mass; and the molten steel surface flow in the mold is controlled by adjusting the electric current to be fed to the magnetic poles so that the static magnetic field may have a magnetic flux density satisfying a formula expressing a specified relationship. The method allows manufacture of a cast product of high quality preventing mold flux entrainment.

No. of Pages : 37 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1993/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : PHYSICAL ACTIVITY MONITORING SYSTEM

(51) International classification :A61B5/103

(31) Priority Document No :12/963,522

(32) Priority Date :08/12/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/063678

Filing Date :07/12/2011

(87) International Publication No :WO 2012/078718

(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 :393 Rutland Avenue, San Jose, CA
95128 U.S.A.

(72)Name of Inventor :

1)YANEV, Kostadin, Dimitrov

2)MARINOV, Asen, Angelov

3)ANGELOV, Angel, Marinov

(57) Abstract :

An exercise system may be configured to gather and quantify data related to energy expenditure during physical activity. The exercise system may include at least one force sensing node and a portable hub that is physically separate and distinct from the at least one force sensing node. The at least one force sensing node may be configured to gather data related to energy expenditure during physical activity. The portable hub may be configured to quantify data related to energy expended during physical activity. For example, according to exemplary implementations, the portable hub may include a processor configured to execute an exercise analysis module. The exercise analysis module may be configured to determine one or more exercise parameters based on an output signal generated at the at least one force sensing node responsive to force exerted on the at least one force sensing node during physical activity.

No. of Pages : 33 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1994/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : ROBO1-FC FUSION PROTEIN FOR USE IN THE TREATMENT OF HEPATOCARCINOMA

(51) International classification :C07K14/475,A61K38/18
(31) Priority Document No :1061163
(32) Priority Date :23/12/2010
(33) Name of priority country :France
(86) International Application No :PCT/EP2011/073739
Filing Date :22/12/2011
(87) International Publication No :WO 2012/085178
(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)SANOFI

Address of Applicant :174 avenue de France, F-75013 Paris
FRANCE

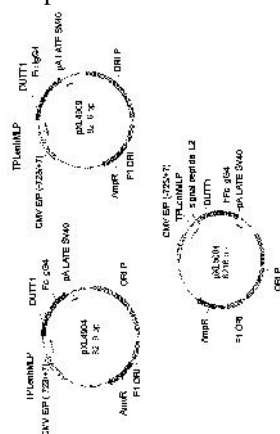
(72)Name of Inventor :

1)DOL-GLEIZES, Frédérique

2)GUEGUEN-DORBES, Geneviève

(57) Abstract :

The present invention relates to the use a Robo1-Fc recombinant protein for treating cancer, in particular hepatocarcinoma.



No. of Pages : 43 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.378/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :04/04/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : DRIVING SYSTEM HAVING EPICYCLE GEAR SETS WITH DUAL OUTPUT ENDS EQUIPPED WITH INDIVIDUALLY-CONTROLLED MULTIPLE SPEED-RATIO DEVICE

(51) International classification	:F16H 48/00	(71)Name of Applicant : 1)TAI-HER YANG
(31) Priority Document No	:13/444,077	Address of Applicant :NO. 59, CHUNG HSING 8 St.,SI-HU
(32) Priority Date	:11/04/2012	TOWN, DZAN-HWA, TAIWAN, R.O.C
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)TAI-HER YANG
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 utilizes the rotary kinetic power of a rotary kinetic power source to directly drive the epicyclic gear set, or to drive the epicyclic gear set through a transmission device, then a controllable multiple speed-ratio device is individually installed between two output shafts of the epicyclic gear set and the load driven thereby, so the wheel set of the driven load is enabled to perform variation of the driving speed ratio and the driving torque, so as to drive the combined common load; between the output ends of the two controllable multiple speed-ratio devices, a limited slip differential or a stabilize device composed of a dual shaft connecting device having slip coupling torque can be further installed according to actual needs.

No. of Pages : 100 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.481/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : A DEVICE FOR PROTECTION OF AN ANTENNA OF BLAST FURNACE STOCK LEVEL RADAR SYSTEMS TO REDUCE MALFUNCTIONING FREQUENCY OF THE RADAR SYSTEM OPERATING UNDER HARSH CONDITIONS

(51) International classification	:G01S	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JINDAL STEEL & POWER LIMITED
(32) Priority Date	:NA	Address of Applicant :JINDAL STEEL & POWER LTD., 3A,
(33) Name of priority country	:NA	DUCKBACK HOUSE, 41, SHKESPEARE SARANI,
(86) International Application No	:NA	KOLKATA - 700 017 HAVING ITS HEAD OFFICE AT
Filing Date	:NA	JINDAL STEEL & POWER LIMITED, POST BOX NO. 16,
(87) International Publication No	: NA	KHARSIA ROAD, RAIGARH - 496001 (C.G.) INDIA. West
(61) Patent of Addition to Application Number	:NA	Bengal India
Filing Date	:NA	(72)Name of Inventor :
(62) Divisional to Application Number	:NA	1)ARVIND SINGH CHAUHAN
Filing Date	:NA	2)MANAS MISHRA

(57) Abstract :

A device for protection of an antenna of blast furnace stock level radar systems to reduce malfunctioning frequency of the radar operating under harsh conditions, the device comprising an insulated cooling cabinet mounted over the radar flange to protect the radar electronics; a spool piece for protuberant orientation of the radar antenna provided with means for purging insert gases; and a ball valve assembly disposed at a predetermined distance for isolation of the radar from the harsh process conditions inside the blast furnace, wherein the predetermined distant (LAllowed) of the ball valve (BV) is selected based on the radius of the ball valve (RBV), sourcing angle of the microwave (Dispersion) generated by the radar in respect of vertical, length of the antenna (Lantenna), and internal diameter of the flange (Flange ID), wherein the distance allowed (LAllowed) = $RBV \times \cot(\text{Dispersion}/2)$, wherein $RBV = \{(Lantenna + 2 \text{ FlangeID}) \times \tan(\text{Dispersion}/2)\}$, and wherein the Dispersion is between 6° to 8° from the vertical.

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

(54) Title of the invention : AN IMPROVED DEVICE FOR SUPPORTING THE EMITTING FRAME SET DURING ERECTION AND MAINTENANCE OF ELECTROSTATIC PRECIPITATORS

(51) International classification

:B03C

(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)BHARAT HEAVY ELECTRICALS LIMITED**

Address of Applicant :REGIONAL OPERATIONS

DIVISION(ROD), PLOT NO:9/1,DJ BLOCK 3RD FLOOR,
KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091,
HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
FORT, NEW DELHI - 110049, INDIA.**(72)Name of Inventor :****1)SHANMUGAVELAYUTHAM SUBRA MANI****2)CHANDRASEKAR GANESH****3)KUMUDA BALLAV PADHI****4)MAHENDRA KUMAR NAHAK****5)ARJUNAN PARASURAMAN****(57) Abstract :**

An improved device for supporting the emitting frame set during erection and maintenance of Electrostatic Precipitators (ESP), the ESP comprising a plurality of collecting electrodes and discharge electrodes disposed in a space-apart relationship; an unidirectional high voltage is applicable in between the electrodes with the collecting electrodes grounded; a passage for routing dust laden flue gas from the boiler provided in the ESP, the dust particles being electrically charged upon generation of an ionizing field due to said high voltage leading to collection of dust particles on the electrodes; a rapper mechanism for dislodging the accumulated dust particles from the collector plates; and a support device for erection and maintenance of the ESP, the support device supporting a lifting beam holding an emitting frame including accessories, a lifting rod, and an insulator, the support-device comprising a first subassembly consisting of a lifting rod (09) having a threaded end, an a solid rod (08) welded at the bottom of the lifting rod (09); and a second subassembly consisting of a lifting beam (05) welded with a holding pipe (07) and strengthened by welding a plurality of stiffeners (06), the second subassembly being insertable through the bottom of the first subassembly and provided with a bush (02) and at least one washer plate (03) being fixed by means of a nut (04) having matching thread of said threaded end of the lifting rod (09).

No. of Pages : 17 No. of Claims : 2

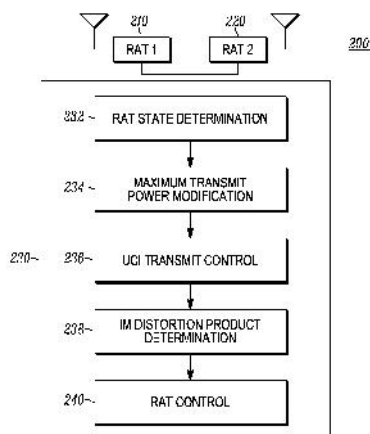
(54) Title of the invention : INTER-MODULATION DISTORTION REDUCTION IN MULTI-MODE WIRELESS COMMUNICATION TERMINAL

(51) International classification :H04W72/12
 (31) Priority Document No :13/006,125
 (32) Priority Date :13/01/2011
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2012/020066
 Filing Date :03/01/2012
 (87) International Publication No :WO 2012/096801
 (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)MOTOROLA MOBILITY LLC
 Address of Applicant :600 North US Highway 45,
 Libertyville, Illinois 60048 U.S.A.
 (72)Name of Inventor :
1)LOVE, Robert T.
2)NORY, Ravikiran
3)STEWART, Kenneth A.
4)KUCHIBHOTLA, Ravi

(57) Abstract :

A multimode wireless communication terminal that communicates using a first radio access technology (RAT) and a second RAT determines whether the first and second RATs are in an active state, and when the wireless communication terminal is transmitting on the first and second RATs concurrently, transmitting UCI on a PUSCH on the first RAT if there is a scheduled PUSCH transmission or an uplink scheduling grant indicating a periodic CSI reporting, wherein the UCI would otherwise be transmitted on a PUCCH when the wireless communication terminal is not transmitting using the second and the first RAT simultaneously and there is a scheduled PUSCH on the first RAT.



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

(54) Title of the invention : DRUG ELUTING BALLOON FOR THE TREATMENT OF STENOSIS AND METHOD FOR MANUFACTURING THE BALLOON

(51) International classification	:A61M29/02,A61M25/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)INVATEC TECHNOLOGY CENTER GMBH
(32) Priority Date	:NA	Address of Applicant :Hunger Buelstrasse 12 A, CH-8500
(33) Name of priority country	:NA	Frauenfeld SWITZERLAND
(86) International Application No	:PCT/EP2010/070423	(72) Name of Inventor :
Filing Date	:21/12/2010	1)MORERO, Massimo
(87) International Publication No	:WO 2012/084024	2)SCALVINI, Giovanni
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A drug eluting angioplasty balloon (1, 101) suitable to adopt a deployed configuration and a collapsed configuration, the balloon having an outer wall (10) disposed around a core (11) defining an axis (X). The balloon (1, 101) comprising in the collapsed configuration a plurality of folds (12, 12, 112) that are laid in a tangential direction about the core (11) and form a plurality of cavities (13a, 13b, 113) loaded with a drug (14), the cavities (13a, 13b, 113) are comprised between the folds (12, 12, 112), wherein the folds (12, 12, 112) originates from distinct longitudinal lines (25, 25, 125, 125) along the outer wall (10), are arranged in pairs and are circumferentially wrapped about the core (11) in such a way that a fold of one pair overlaps an adjacent fold of another pair and are wrapped in opposite directions.

No. of Pages : 69 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2072/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : APPARATUS AND METHOD FOR PERIODIC CHANNEL STATE REPORTING IN A WIRELESS NETWORK

(51) International classification :H04W24/10,H04J11/00
(31) Priority Document No :61/424,528
(32) Priority Date :17/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2011/009745
Filing Date :16/12/2011
(87) International Publication No :WO 2012/081939
(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 :129, Samsung-ro, Yeongtong-gu
Suwon-si, Gyeonggi-do 443-742, REPUBLIC OF KOREA

(72)Name of Inventor :

1)LIU, Lingjia

2)NAM, Young-Han

3)ZHANG, Jianzhong

(57) Abstract :

Channel State Information (CSI) is reported by a subscriber station to a base station. The CSI is reported periodically for at least two physical uplink control channels (PUCCH). In case of a collision between a report for a first PUCCH and a report for the second PUCCH, each of the report types is partitioned into one of a number of classes, which include: a first class for rank indicator related report types and wideband (WB) W1 report types; a second class for WB report types or WB channel quality indicator report types; and a third class for subband related report types or W1 report types. A priority rule assigns a priority to each of the classes. The CSI feedback reports are transmitted according to the priority rule such that the report type included in a higher class is transmitted and the report type included in the lower class are dropped.

No. of Pages : 33 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1949/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : ELECTRICAL APPARATUS OIL SAMPLER AND CONDITIONER FOR SOLID STATE SENSORS

(51) International classification :G01N33/26
(31) Priority Document No :61/435,322
(32) Priority Date :23/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/022183
Filing Date :23/01/2012
(87) International Publication No :WO 2012/100246
(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)BPL GLOBAL, LTD.
Address of Applicant :500 Cranberry Woods Drive, Suite 170,
Cranberry Township, PA 16066 U.S.A.
(72)**Name of Inventor :**
1)MAHONEY, Steven
2)WATERS, Thomas

(57) Abstract :

A gas monitoring apparatus and system that provides for reliable and accurate monitoring of gaseous hydrogen and other compounds in dielectric oil. The apparatus provides an environment for and is used in conjunction with metal oxide semiconductor sensors. Thermal conditioning zones for oil provide an environment in which variations in oil temperature and ambient temperature are eliminated to insure that analytical data are not affected by these environmental conditions.

No. of Pages : 44 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2047/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : COMPOSITIONS AND METHODS FOR STABILIZING INGREDIENTS USING 2,4-PENTANEDIONE COMPOUNDS

(51) International classification :C07C49/217,C07C49/12,A61K31/12
(31) Priority Document No :61/419,961
(32) Priority Date :06/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/063386
Filing Date :06/12/2011
(87) International Publication No :WO 2012/078546
(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)SYTHEON LTD.
Address of Applicant :15 Sherbrooke Drive, Lincoln Park, NJ
07035 U.S.A.
(72)Name of Inventor :
1)CHAUDHURI, Ratan, K.

(57) Abstract :

Benzylidene substituted 2,4-pentanedione compounds without having phenolic hydroxy! group(s) are found to provide photostability to otherwise photosensitive compounds and compositions.

No. of Pages : 51 No. of Claims : 21

(54) Title of the invention : MOBILE ON-THE-SPOT SHOPPING AND PAYMENTS

(51) International classification :G06Q30/00
 (31) Priority Document No :61/425,170
 (32) Priority Date :20/12/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/065561
 Filing Date :16/12/2011
 (87) International Publication No :WO 2012/087834
 (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)EBAY INC.

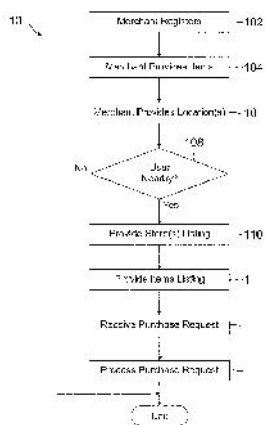
Address of Applicant :2145 Hamilton Avenue San Jose, California 95125 U.S.A.

(72)Name of Inventor :

1)CHEN, Simon**2)BHAKTA, Rakesh****3)DOMKE, Timothy A.**

(57) Abstract :

A merchant uploads products or services to create an online store for purchases. The merchant also specifies the physical location of its store or stores or the service provider may determine a store location based on the location of a merchant device. When a user is near at least one of the stores, the user is presented with items available for purchase through any nearby merchants. The user can then make the purchase through the mobile device. The service provider may approve the transaction based, in part, on the location of the merchant and the user. Thus merchants that do not have a website can take advantage of online transactions. Mobile sellers, such as food trucks, can also use this idea to create stores and have users be notified when they are nearby.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2049/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : MEDICAL DEVICE PROGRAMMER WITH ADJUSTABLE KICKSTAND

(51) International classification :A61N1/08,A61N1/372
(31) Priority Document No :61/444,578
(32) Priority Date :18/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/034663
Filing Date :29/04/2011
(87) International Publication No :WO 2012/112179
(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)MEDTRONIC, INC.
Address of Applicant :710 Medtronic Parkway NE,
Minneapolis, MN 55432-5604 U.S.A.
(72)Name of Inventor :
1)BERG, Richard, O.
2)HERMAN, Gerald, M.
3)MARCHESIN, Danilo

(57) Abstract :

A programmer for an implantable medical device includes an adjustable kickstand. In one example, the kickstand is configured to combine with the base to support the programmer in an upright position when the kickstand is fully- collapsed to support the programmer in a reclined position when the kickstand is fully- extended. Further, the programmer housing may include a fan grate that allows airflow from a cooling fan to pass through the programmer housing. The fan grate is positioned behind the kickstand when the kickstand is in the fully- collapsed position. The kickstand includes an aperture adjacent the fan grate when the kickstand is in the fully-collapsed position, the aperture allowing airflow from the cooling fan to pass through the fan grate when the kickstand is in the fully- collapsed position.

No. of Pages : 44 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.394/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : PORTABLE TERMINAL

(51) International classification

:D06F
39/00

(31) Priority Document No

:102012-
0036824

(32) Priority Date

:09/04/2012

(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)SAMSUNG ELECTRONICS CO., LTD

Address of Applicant :129, SAMSUNG-RO., YEONGTONG-
GU,SUWON-SI, GYEONGGI-DO, 443-742, REPUBLIC OF
KOREA

(72)Name of Inventor :

1)CHANG-SEOK BAE

2)SEUNG-HYUB BAEK

3)JONG-CHEON WEE

4)SUNG-KYU HWANG

(57) Abstract :

A portable terminal including a body, a front deco positioned along a periphery of the body, a main battery cover positioned on a rear surface of the body to cover a battery, and a waterproofing cover interchangeable with the front deco and the main battery cover so that when substituted for the main battery cover and front deco all water intrusion paths on the portable terminal are sealed.

No. of Pages : 26 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1999/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 01/11/2013

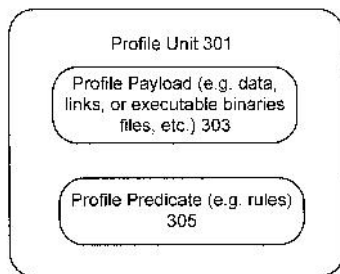
(54) Title of the invention : DYNAMIC DEVICE CONFIGURATION USING PREDICATES

(51) International classification :G06F9/445,H04M1/725
(31) Priority Document No :12/982,759
(32) Priority Date :30/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/065870
Filing Date :19/12/2011
(87) International Publication No :WO 2012/091991
(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)APPLE INC.
Address of Applicant :1 Infinite Loop, Cupertino, CA 95014
U.S.A.
(72)Name of Inventor :
1)MANTERE, Jussipekka
2)WHITTEMORE, Mark William

(57) Abstract :

Methods and apparatuses that store a generic profile in a client device for configuration are described. The generic profile may include profile payloads associated with profile predicates. The profile payloads may specify a range of possible settings for configuring the client device. The profile predicates may specify which of the possible settings are applicable for the configuration according to system states of the client device. Changes in the system states may be dynamically determined during runtime. A portion of the profile payload applicable for the determined changes of the system states may be identified via associated profile predicates. As a result, the configuration of the client device may be updated for the change of the system states by applying the identified portion of the profile payload.



No. of Pages : 38 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.477/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : STEEL SHEET PILE,METHOD FOR MANUFACTURING THE SAME,AND STEEL SHEET PILE WALL

(51) International classification

:E02D

(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)JFE STEEL CORPORATION

Address of Applicant :2-3, UCHISAIWAI-CHO 2-CHOME,
CHIYODA-KU, TOKYO 100-0011 JAPAN

(72)Name of Inventor :

1)YOSHITAKEE OKA

2)HIRONORI MIURA

3)TAKESHI OKI

(57) Abstract :

The present invention relates to a steel sheet pile, a method for manufacturing the steel sheet pile, and a steel sheet pile wall. In the steel sheet pile (10) having claw-like Larssen-type joints on both ends thereof, a recessed groove (4) for being filled with a water cut-off material (6) is formed by hot rolling on an inner side of a claw bottom portion (3) of each joint.

No. of Pages : 47 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2046/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 01/11/2013

(54) Title of the invention : BENZYLIDENE SUBSTITUTED 2, 4-PENTANEDIONE COMPOUNDS AND USE THEREOF AS STABILIZERS

(51) International classification :C07C49/248,C07C39/19,C07C39/21
(31) Priority Document No :61/419,962
(32) Priority Date :06/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/063384
Filing Date :06/12/2011
(87) International Publication No :WO 2012/078544
(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)SYTHEON LTD.
Address of Applicant :15 Sherbrooke Drive, Lincoln Park, NJ
07035 U.S.A.
(72)**Name of Inventor :**
1)CHAUDHURI, Ratan, K.

(57) Abstract :
Substituted benzylidene 2, 4-pentanediones are found to provide stabilization to otherwise photosensitive compounds and compositions.

No. of Pages : 47 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.467/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :26/04/2012

(43) Publication Date : 01/11/2013

(54) Title of the invention : A COMPUTATIONAL RESOURCE ALLOCATION SYSTEM AND A METHOD FOR ALLOCATING COMPUTATIONAL RESOURCES FOR EXECUTING A SCENE GRAPH BASED APPLICATION AT RUN TIME

(51) International classification	:g06f	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:NA	Address of Applicant :WITTELSBACHERPLATZ 2 80333
(33) Name of priority country	:NA	MÜNCHEN GERMANY
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JYOTSNA KHEMKA
(87) International Publication No	: NA	2)RANAJJOY MALAKAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A computational resource allocation system (1) for allocating computational resources (2) to various modules (3) of a scene graph based application while the application is being executed, the system (1) including a module mapper (4) for receiving a set (16) of modules (3) to be used in the scene graph based application from a module repository (5) and a set (15) of computational resources (2) available to process the modules (3) from a computational resource repository (7), and mapping the set (16) of modules (3) onto the set (15) of computational resources (2) to generate a mapping (8), wherein a allocation manager (9) allocates the modules (3) to the set (15) of computational resources (2) on a basis of the mapping (8).

No. of Pages : 15 No. of Claims : 12

AMENDMENT UNDER SECTION 57, KOLKATA

In pursuance of leave granted under Section 57 of the Patents Act, 1970
the name of the Patentee in respect of Patent No.191431 has been amended to

LES PEINTURES JEFECO FRANCIS ET JEAN DUFOUR

**PUBLICATION U/S.60 IN RESPECT OF APPLICATION FOR
RESTORATION OF PATENTS (KOLKATA)**

Notice is hereby given that application for restoration of under mentioned Patents have been allowed and said Patents are restored.

Serial No.	Application Nos.	Patent No.	Applicants	Title	Date of Publication U/R 84(3)	Appropriate Office
1	IN/PCT/2002/929/KOL	210024	FRACTUS S.A.	AN ANTENNA AND A SET OF SPACE-FILLING MINIATURE ANTENNAS	08/05/2009	KOLKATA

**PUBLICATION U/S 84(3) IN RESPECT OF APPLICATION FOR RESTORATION
OF PATENT (DELHI)**

Notice is hereby given that any person interested in opposing the following application for restoration of Patent under Section 60 of the Patent Act, 1970 may at any time within 2 months from the date of Publication of this notice, given notice to the Controller of Patent at the appropriate office on the prescribed form 14 under Rule 85 of the Patent Rules, 2003

PATENT NO.	APPLICANTS	TITLE	DATE OF CESSATION	APPROPRIATE OFFICE
217300	DIEBOLD INCORPORATED(U.S.A.)	AN AUTOMATED TELLER MACHINE SYSTEM	21/04/2012	DELHI
243927	PETRIK VIKTOR IVANOVICH(Russia)	A METHOD FOR REMOVING CHEMICAL POLLUTANTS	11/02/2011	DELHI
218381	1 :- DEPARTMENT OF SCIENCE AND TECHNOLOGY (India) 2 :- UNIVERSITY OF HYDERABAD(India)	A PROCESS FOR PREPARING A REMOTE FUNCTIONALISED DIAMINODICY ANOQUINODIMETHANES HAVING ENHANCED FLUORESCENCE IN THE SOLID STATE	18/11/2011	DELHI

**PUBLICATION U/R. 84(3) IN RESPECT OF APPLICATION FOR RESTORATION
OF PATENT (CHENNAI)**

Notice is hereby given that any person interested in opposing the following application for restoration of Patent under Section 60 of the Patent Act, 1970 may at any time within 2 months from the date of Publication of this notice, given notice to the Controller of Patent at the appropriate office on the prescribed form 14 under Rule 85 of the Patents (Amendment) Rules, 2006.

PATENT NUMBER	APPLICANT	TITLE	DATE OF CESSATION	APPROPRIATE OFFICE
249166	M/s. MICHIGAN BIOTECHNOLOGY INSTITUTE	A RECOMBINANT MICROORGANISM CAPABLE OF PRODUCING SUCCINIC ACID	16/12/2012	CHENNAI

**PUBLICATION U/R 84[3] IN RESPECT OF APPLICATION FOR RESTORATION OF
PATENTS (KOLKATA)**

Notice is hereby given that any person interested in opposing the following applications for Restoration of Patents under Section 60 of the Patent Act, 1970, may at any time within 2 months from the date of publication of this notice, give notice to the Controller of Patents at the appropriate office on the prescribed Form 14 under rule 85 of the Patents Rules, 2003.

Patent No.	Applicants	Title	Date of Cessation	Appropriate Office
199374	INDIAN INSTITUTE OF TECHNOLOGY	THERMOPLASTIC ELASTOMERIC COMPOSITIONS AND PROCESS FOR PREPARING THE SAME	16/10/2007	KOLKATA

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	257675	1350/DEL/2003	03/11/2003	08/11/2002	COMPOSITION FOR INOCULATING LEGUMES AND METHOD THEREFOR.	JUAN BAUTISTA MARIO LUCIO MAGRI	25/11/2005	DELHI
2	257678	771/DEL/2005	31/03/2005		AN IMPROVED PROCESS FOR THE RECOVERY OF EXTRACTION SOLVENT FORM BRINE SOLUTION	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	31/07/2009	DELHI
3	257679	2468/DEL/2006	16/11/2006		AN EMULSION EXPLOSIVE AND CORD SYSTEM AND EMULSION EXPLOSIVE CARTRIDGES MADE THEREFROM, SUITABLE FOR USE IN BG METHOD IN UNDERGROUND COAL MINES	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	23/05/2008	DELHI
4	257680	2515/DELNP/2007	23/09/2005	24/09/2004	METHOD FOR TREATING BIOMASS AND ORGANIC WASTE WITH THE PURPOSE OF GENERATING DESIRED BIOLOGICALLY BASED PRODUCTS	CAMBI BIOETHANOL APS	03/08/2007	DELHI
5	257683	2988/DEL/2005	08/11/2005		AN APPARATUS FOR DISINFECTION OF SEA WATER/SHIP'S BALLAST WATER	1.COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH and 2.MUMBAI UNIVERSITY INSTITUTE OF CHEMICAL TECHNOLOGY	02/10/2009	DELHI
6	257685	2754/DELNP/2004	18/03/2003	18/03/2002	A SEAL FOR A VALVE FOR USE IN A PHARMACEUTICAL DISPENSING DEVICE	BESPAK PLC	09/10/2009	DELHI
7	257686	651/DELNP/2004	17/09/2002	18/09/2001	ADAPTIVE NODE SELECTION	ERICSSON INC	30/10/2009	DELHI
8	257687	3973/DELNP/2004	11/07/2003	11/07/2002	A METHOD AND AN ANTENNA FOR RECEIVING MILLIMETRE WAVE RADIATION	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION	04/12/2009	DELHI
9	257688	3763/DELNP/2006	14/01/2005	16/01/2004	SYSTEM AND METHOD FOR 3D IMAGE MODELLING FROM SINGLE IMAGERY	MICROSOFT AMALGAMATED COMPANY II	22/06/2007	DELHI
10	257689	4038/DELNP/2004	30/06/2003	01/07/2002	LOCATING REPEATING MEDIA OBJECTS IN A MEDIA STREAM	MICROSOFT CORPORATION	09/10/2009	DELHI
11	257694	3825/DELNP/2006	25/02/2005	27/02/2004	A PROCESS FOR THE PURIFICATION OF ANTIBODIES	GE HEALTHCARE BIO-SCIENCES AB	27/04/2007	DELHI

12	257696	1316/DELNP/2005	17/09/2003	17/04/2003	AN INTEGRATED CIRCUIT DEVICE FOR PROCESSING DATA HAVING ON-BOARD DIAGNOSTIC CIRCUITRY	ARM LIMITED	23/12/2011	DELHI
13	257697	6901/DELNP/2006	08/06/2005	08/06/2004	MOLDING COMPOSITIONS BASED ON A THERMOPLASTIC POLYESTER WITH IMPROVED FLOWABILITY	LANXESS DEUTSCHLAND GMBH	31/08/2007	DELHI
14	257700	5688/DELNP/2007	29/08/2006	31/08/2005	A PAPER COATING LATEX COMPOSITION	LG CHEM, LTD.	17/08/2007	DELHI
15	257706	795/DEL/2005	31/03/2005		A NOVEL CATALYST USEFUL FOR CONTROLLING MICROORGANISM IN WATER AND A PROCESS FOR THE PREPARATION THEREOF	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	19/06/2009	DELHI
16	257708	3010/DELNP/2008	29/08/2006	22/09/2005	METHOD FOR THE PRODUCTION OF POLYISOCYANATES	HUNTSMAN INTERNATIONAL LLC	08/08/2008	DELHI
17	257711	5898/DELNP/2008	12/12/2006	16/12/2005	CONSTITUTIVE PLANT PROMOTORS	KEYGENE N.V.	26/09/2008	DELHI
18	257712	02146/DELNP/2003	20/05/2002	21/05/2001	INHIBITION OF TYROPHAGUS PUTRESCENTIAE IN PET FOOD PRODUCTS	NESTEC LTD.	20/01/2006	DELHI
19	257716	910/DEL/2006	30/03/2006		A PROCESS FOR THE PREPARATION OF ULTRA FINE ACTIVATED CALCIUM CARBONATE FROM INDUSTRIAL WASTE OF PHOSPHORIC ACID PLANT	Council of Scientific and Industrial Research.	30/03/2012	DELHI
20	257728	194/DEL/2006	25/01/2006	26/01/2005	CONNECTOR	SUMITOMO WIRING SYSTEMS, LTD., HONDA MOTOR CO., LTD	31/08/2007	DELHI
21	257734	7889/DELNP/2007	11/04/2006	12/04/2005	EXTREMELY INSENSITIVE DETONATING SUBSTANCE	RAFAEL ARMAMENT DEVELOPMENT AUTHORITY LTD.	24/10/2008	DELHI
22	257735	IN/PCT/2002/01097/DEL	08/05/2001	09/05/2000	A CODE IMAGE ENCODING DEVICE	COLORZIP MEDIA INC	03/04/2009	DELHI
23	257738	198/DEL/2007	31/01/2007 17:02:56		A PROCESS FOR JOINING OXIDE-SUPERCONDUCTING TUBES WITH A SUPERCONDUCTING JOINT	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	29/08/2008	DELHI
24	257759	7706/DELNP/2008	08/03/2007	09/03/2006	HIGH SOLID TYPE ANTICORROSIVE COATING COMPOSITION	CHUGOKU MARINE PAINTS, LTD	24/10/2008	DELHI
25	257764	7543/DELNP/2008	07/02/2007	10/02/2006	A PROCESS FOR PRODUCING NITROGUANIDINE DERIVATIVES	MITSUI CHEMICALS, INC.,	26/09/2008	DELHI
26	257765	7544/DELNP/2008	07/02/2007	10/02/2006	IMPROVED PROCES FOR PRODUCING NITROISOUREA DERIVATIVES	MITSUI CHEMICALS, INC.,	26/09/2008	DELHI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	257695	1681/MUMNP/2009	15/02/2008	02/03/2007	ARC PLASMA SOURCE•	KABUSHIKI KAISHA RIKEN,NISSIN ELECTRIC CO. LTD.	26/02/2010	MUMBAI
2	257718	578/MUMNP/2008	02/09/2006	13/09/2005	METHOD OF PRODUCING A HOLLOW SHAFT	NEUMAYER TEKFOR HOLDING GMBH	18/04/2008	MUMBAI
3	257720	2176/MUM/2007	01/11/2007		A METHOD OF ASSEMBLING VEHICLE BODY	TATA MOTORS LIMITED	14/12/2007	MUMBAI
4	257756	2439/MUM/2008	19/11/2008 13:02:23		ULTRA HIGH ADHESION FILM LABEL AND THE METHOD OF MANUFACTURING THE SAME	PRS SOLUTIONS PRIVATE LIMITED	26/12/2008	MUMBAI
5	257770	389/MUMNP/2008	22/08/2006	23/08/2005	AUTO JIG TRIMMER AND METHOD OF MANUFACTURING PATTERN FRAME BY USING THE SAME	SEO, HYOUNGJOON	21/03/2008	MUMBAI
6	257771	2126/MUM/2007	26/10/2007	26/10/2006	A PROCESS FOR OPERATING A PRINTING MACHINE HAVING MULTIPLE DRIVEN MODULES	MANROLAND AG	05/06/2009	MUMBAI
7	257772	951/MUMNP/2007	29/12/2005	30/12/2004	A LAUNDER CONSTRUCTION FOR CONVEYING MOLTEN COPPER	OUTOTEC OYJ	15/02/2008	MUMBAI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	257674	38/CHENP/2007	27/06/2005	07/07/2004	SCRATCH RESISTANT POLYOLEFINS	CIBA HOLDING INC	17/08/2007	CHENNAI
2	257676	91/CHENP/2007	01/07/2005	08/07/2004	METHOD FOR MAKING NEGATIVE-WORKING HEAT-SENSITIVE LITHOGRAPHIC PRINTING PLATE PRECURSOR	AGFA GRAPHICS N V	24/08/2007	CHENNAI
3	257677	2734/CHENP/2008	22/04/2004	25/04/2003	A PROCESS FOR PREPARATION OF CRYSTALLINE SODIUM OR POTASSIUM (2S, 3S)-3-[[[(1S)-1-ISOBUTOXYMETHYL-3-METHYLBUTYL] CARBAMOYL]OXIRANE-2-CARBOXYLATE	Velcura Therapeutics, Inc.	06/03/2009	CHENNAI
4	257682	884/CHENP/2007	28/03/2006	29/03/2005	AN EXPOSURE APPARATUS, AND A PRODUCING METHOD OF EXPOSURE APPARATUS	NIKON CORPORATION	24/08/2007	CHENNAI
5	257684	883/CHE/2005	06/07/2005		METHOD FOR WAKE PERIOD ANNOUNCEMENT IN WIRELESS NETWORKS	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	27/07/2007	CHENNAI
6	257690	2177/CHENP/2006	18/11/2004	19/11/2003	A VACCINE COMPOSITION AND A PEPTIDE THEREOF	SURVAC ApS	08/06/2007	CHENNAI
7	257704	2795/CHENP/2007	21/12/2005	23/12/2004	SYSTEMS AND METHODS FOR MANAGING THE DEVELOPMENT AND MANUFACTURING OF A DRUG	ORACLE INTERNATIONAL CORPORATION	07/09/2007	CHENNAI
8	257705	4920/CHENP/2008	19/03/2007	17/03/2006	SILICA POWDER AND APPLICATIONS THEREOF	DENKI KAGAKU KOGYO KABUSHIKI KAISHA	13/03/2009	CHENNAI
9	257714	4008/CHENP/2006	08/04/2005	30/04/2004	IMPROVED FIBERS FOR POLYETHYLENE NONWOVEN FABRIC	DOW GLOBAL TECHNOLOGIES , LLC	29/06/2007	CHENNAI
10	257715	1948/CHENP/2007	07/10/2004	07/10/2004	POWDER CALCINATION PROCESS	COLOROBIA ITALIA S.P.A	31/08/2007	CHENNAI
11	257721	2780/CHENP/2008	26/12/2006	07/03/2006	A METHOD FOR FORWARDING A MULTICAST STREAM	HUAWEI TECHNOLOGIES CO., LTD.	06/03/2009	CHENNAI

12	257723	771/CHENP/2007	22/08/2005	23/08/2004	A METHOD FOR STABILIZING AN IMAGE IN A VIDEO DATA STREAM	INTERGRAPH SOFTWARE TECHNOLOGIES COMPANY	24/08/2007	CHENNAI
13	257725	3648/CHENP/2006	01/04/2005	02/04/2004	A METHOD AND COMPUTING DEVICE FOR AN IMPROVED PUBLISH-AND-SUBSCRIBE MECHANISM	NOKIA CORPORATION	15/06/2007	CHENNAI
14	257727	825/CHENP/2007	22/08/2005	27/08/2004	AIRCRAFT SEAT	ZODIAC SEATS UK LIMITED	24/08/2007	CHENNAI
15	257729	1550/CHE/2008	26/06/2008 16:09:56	29/06/2007	OPERATION CONTROL DEVICE OF INTERNAL COMBUSTION ENGINE	HONDA MOTOR CO., LTD	11/09/2009	CHENNAI
16	257730	1301/CHE/2007	22/06/2007 15:52:24		TORSION BAR BASED FRONT SUSPENSION AND STEERABLE AXLE	ASHOK LEYLAND LIMITED	26/12/2008	CHENNAI
17	257732	1203/CHENP/2007	08/04/2005	23/09/2004	A PACKAGE FOR CONTACT LENS	BAUSCH & LOMB INCORPORATED	31/08/2007	CHENNAI
18	257733	903/CHENP/2007	17/08/2005	02/09/2004	COOLING OF PUMP ROTORS	EDWARDS LIMITED	03/08/2007	CHENNAI
19	257744	650/CHE/2005	27/05/2005		A CONTROL DEVICE FOR OVERHEAD TRAVELING CLEANER IN A TEXTILE MILL	The South India Textile Research Association, Petroleum Conservation Research Association	27/07/2007	CHENNAI
20	257746	1006/CHE/2005	26/07/2005	26/07/2004	ESCALATOR OR MOVING WALKWAY WITH HANDRAIL ENTRY, HANDRAIL ENTRY OF SUCH AN ESCALATOR OR MOVING WALKWAY, AND METHOD OF REDUCING A GAP IN THE HANDRAIL ENTRY	INVENTIO AG	25/01/2008	CHENNAI
21	257747	2136/CHE/2006	17/11/2006		METHOD FOR TRACKING AN OBJECT IN AN AVATAR-BASED VIDEO CONFERENCING SYSTEM	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	26/03/2010	CHENNAI
22	257751	1466/CHENP/2008	30/03/2004	04/04/2003	A METHOD FOR SHUTTING DOWN AN AUTOTHERMAL REFORMER IN A FUEL PROCESSOR	TEXACO DEVELOPMENT CORPORATION	28/11/2008	CHENNAI
23	257760	490/CHENP/2007	06/07/2005	05/08/2004	PREPARATION OF ULTRAPURE POLYMERIC ARTICLES	AVANTOR PERFORMANCE MATERIALS, INC.	24/08/2007	CHENNAI
24	257767	2662/CHE/2007	15/11/2007		A METHOD FOR PROVIDING CUSTOMIZED SECURITY FOR A MULTI FUNCTION PERIPHERAL	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	11/09/2009	CHENNAI
25	257768	743/CHE/2008	26/03/2008	28/03/2007	A METHOD FOR CONTROLLING USAGE OF A PROCESSOR IN A MOBILE DEVICE	RESEARCH IN MOTION LIMITED	11/09/2009	CHENNAI
26	257769	3695/CHENP/2006	14/02/2005	06/04/2004	WINDSCREEN WIPER DEVICE	ROBERT BOSCH GmbH	06/07/2007	CHENNAI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Seri al Nu m b e r	Patent Numbe r	Application Number	Date of Applicatio n	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	257681	1482/KOLNP/2008	17/10/2006	18/10/2005	AN OSCILLATION COMPENSATING ELECTRICAL SWITCHING DEVICE ARRANGEMENT	SIEMENS AKTIENGESELLSCHAF T	02/01/2009	KOLKATA
2	257691	1210/KOL/2007	31/08/2007	11/09/2006	AN APPARATUS AND METHOD FOR CONTROLLING A POWERTRAIN SYSTEM	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	18/04/2008	KOLKATA
3	257692	4437/KOLNP/2007	12/04/2006	26/04/2005	PROCESS FOR THE PREPARATION OF 5-(4-[4- (5-CYANO-3- INDOLYL)BUTYL] -1- PIPERAZ-INYL) BENZOFURAN-2- CARBOXAMIDE	MERCK PATENT GMBH	02/01/2009	KOLKATA
4	257693	1078/KOLNP/2003	15/03/2002	20/03/2001	A METHOD FOR REMOTE DIAGNOSTICS IN A DIGITAL SUBSCRIBER LINE (DSL) NETWORK AND A SET-TOP BOX SYSTEM	THOMSON LICENSING S.A.	08/07/2005	KOLKATA
5	257698	448/KOLNP/2007	17/08/2005	17/08/2004	A TRANSMITTER AND A RECEIVER IN A COMMUNICATION SYSTEM FOR INCREASED PERFORMANCE IN SPACE-TIME FREQUENCY BLOCK CODING AND METHODS THEREFORE	SAMSUNG ELECTRONICS CO. LTD.	06/07/2007	KOLKATA
6	257699	449/KOLNP/2007	17/08/2005	17/08/2004	A TRANSMITTER IN A COMMUNICATION SYSTEM FOR SPACE- TIME FREQUENCY BLOCK CODING SELECTED BY USING A PERMUTATION MATRIX	SAMSUNG ELECTRONICS CO. LTD.	06/07/2007	KOLKATA
7	257701	1776/KOLNP/2008	14/11/2006	16/11/2005	AN ELECTROCHEMICAL SYSTEM	SAINT-GOBAIN GLASS FRANCE	26/12/2008	KOLKATA
8	257702	1099/KOL/2006	19/10/2006	31/10/2005	A PESTICIDAL COMPOSITION CONTAINING PYRIDARYL	SUMITOMO CHEMICAL COMPANY,LIMITED	29/06/2007	KOLKATA
9	257703	2780/KOLNP/2006	22/03/2005	22/03/2004	AEROBIC WASTE TREATMENT SYTEM	COMP-ANY GMBH	01/06/2007	KOLKATA

10	257707	496/KOL/2008	11/03/2008	31/05/2007	AN APPARATUS, SYSTEM AND METHOD FOR REDUCING INVERTER LOSSES	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	17/04/2009	KOLKATA
11	257709	1489/KOLNP/2007	20/10/2005	28/10/2004	METHOD FOR CONTROLLING A RECHARGEABLE BATTERY AND RECHARGEABLE BATTERY FOR CARRYING OUT SAID METHOD	ASTRIUM SAS	20/07/2007	KOLKATA
12	257710	4777/KOLNP/2007	08/06/2006	16/06/2005	AN ELECTRIC MOTOR WITH PERMANENT MAGNET EXCITATION	SIEMENS AKTIENGESELLSCHAFT	18/07/2008	KOLKATA
13	257713	4447/KOLNP/2008	03/04/2007	04/04/2006	THICK FLOOR COATING HAVING ANTISTATIC PROPERTIES	CONSTRUCTION RESEARCH & TECHNOLOGY GMBH	13/03/2009	KOLKATA
14	257717	1358/KOL/2007	04/10/2007		INTRAVENOUS CATHETER INTRODUCING DEVICE WITH AN EASY RELEASE UNIT	MING-JENG SHUE,PHILLIP SHUE,DEBORAH HUANG	17/04/2009	KOLKATA
15	257719	418/KOLNP/2008	20/09/2006	20/09/2005	COOLER FOR HEATER-CONTAINING BOX	PANASONIC CORPORATION	26/09/2008	KOLKATA
16	257722	1745/KOLNP/2008	03/10/2006	04/10/2005	PIGMENT PREPARATION	AKZO NOBEL COATINGS INTERNATIONAL B.V.	30/01/2009	KOLKATA
17	257724	2649/KOLNP/2006	17/02/2005	17/02/2004	COMPOSITIONS USEFUL AS FABRIC SOFTENERS	OPTIMER, INC	01/06/2007	KOLKATA
18	257726	2121/KOL/2008	08/12/2008	11/12/2007	A METHOD OF ELECTROCHEMICALLY TREATING ELECTRICALLY CONDUCTIVE NANOPARTICLES	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	19/06/2009	KOLKATA
19	257731	IN/PCT/2002/1278/KOL	11/04/2001	17/04/2000	A DIRECT SMELTING PROCESS AND APPARATUS	TECHNOLOGICAL RESOURCES PTY. LTD	18/03/2005	KOLKATA
20	257736	734/KOLNP/2003	08/11/2001	08/11/2000	AN OPHTHALMIC SOLUTION	FXS VENTURES, LLC	04/02/2005	KOLKATA
21	257737	831/KOL/2008	07/05/2008	06/06/2007	SINGLE PROCESSOR DUAL MOTOR CONTROL	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	24/04/2009	KOLKATA
22	257739	832/KOL/2006	18/08/2006	20/08/2005	SILICON BASED CONDENSER MICROPHONE AND METHOD FOR PACKAGING THE SAME	BSE CO., LTD.	29/06/2007	KOLKATA
23	257740	294/KOL/2005	08/04/2005	21/04/2004	COVER FOR ACCUMULATOR CONTAINERS	BIASIN S.R.L.	24/11/2006	KOLKATA

24	257741	922/KOL/2005	26/08/1998	29/08/1997	A BASE STATION ARRANGED TO COMMUNICATE OVER UPLINK AND DOWNLINK RF LINKS WITH A MOBILE STATION OF A COMMUNICATION SYSTEM	TELEFONAKTIEBOLAG ET LM ERICSSON (PUBL)	14/03/2008	KOLKATA
25	257742	680/KOLNP/2004	20/11/2002	20/11/2001	A SEARCHING SYSYTEM ARRANGED TO SEARCH INFORMATION AVAILABLE FROM A SEARCH SPACE AND METHOD THEREFOR	UNISEARCH LIMITED	21/04/2006	KOLKATA
26	257743	656/KOLNP/2008	21/06/2006	15/07/2005	PRINTABLE ETCHING MEDIA FOR SILICON DIOXIDE AND SILICON NITRIDE LAYERS	MERCK PATENT GMBH	14/11/2008	KOLKATA
27	257745	1174/KOLNP/2007	30/09/2005	30/09/2004	METHOD FOR REDUCING OR ELIMINATING RESIDUE IN A GLASS CONTAINER AND A GLASS CONTAINER MADE IN ACCORDANCE THEREWITH	BECTON, DICKINSON AND COMPANY	31/08/2007	KOLKATA
28	257748	3417/KOLNP/2007	22/03/2006	22/03/2006	DECODER, ENCODER AND METHODS OF ENCODING/DECODING PRECISION-SCALABLE BIT STREAM WITH ENCODED PREDETRMINED PICTURE	FRAUNHOFER- GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	23/05/2008	KOLKATA
29	257749	888/KOLNP/2006	03/11/2004	10/11/2003	METHOD AND APPARATUS FOR HANDLING DATA BLOCKS IN A MOBILE COMMUNICATIONS SYSTEM	LG ELECTRONICS INC.	13/04/2007	KOLKATA
30	257750	647/KOL/2004	13/10/2004	25/03/1998	METHOD AND APPARATUS FOR AUTHENTICATION OF DATA TO BE SENT/VERIFICATION OF DATA RECEIVED IN A DIGITAL TRANSMISSION SYSTEM	CANAL +SOCIETE ANONYME	03/02/2006	KOLKATA
31	257752	91/KOLNP/2007	04/07/2005	08/07/2004	METHOD FOR IDENTIFYING BANKNOTES ORIGIN	GIESECKE & DEVRIENT GMBH	29/06/2007	KOLKATA
32	257753	1366/KOLNP/2006	22/11/2004	25/11/2003	METHOD AND APPARATUS FOR REGISTERING A MOBILE STATION	MOTOROLA, INC.	04/05/2007	KOLKATA
33	257754	4461/KOLNP/2007	01/06/2005	01/06/2005	MEASUREMENT OR PROTECTIVE DEVICE FOR ELECTRICAL APPLIANCES	SIEMENS AKTIENGESELLSCHAF T	18/07/2008	KOLKATA

34	257755	3853/KOLNP/2006	14/06/2005	21/07/2004	A DUAL POSITION DISPLAY IN AN ELECTRONIC DEVICE.	MOTOROLA MOBILITY, INC	22/06/2007	KOLKATA
35	257757	4264/KOLNP/2007	08/05/2006	19/05/2005	METHOD AND PLANT FOR MANUFACTURING BLOCKS OF CONGLOMERATE STONE OR CERAMIC MATERIAL	TONCELLI, LUCA	18/07/2008	KOLKATA
36	257758	4635/KOLNP/2007	29/05/2006	27/05/2005	SEPARATION OF STEREOISOMERIC N,N-DIALKYLAMINO-2-ALKYL-3-PHENYL ALKANES	GRUNENTHAL GMBH	08/02/2008	KOLKATA
37	257761	4108/KOLNP/2007	26/04/2006	28/04/2005	COMPOSITIONS CONTAINING MICRONIZED TANAPROGET AND PROCESS FOR ITS PREPARATION	WYETH	30/05/2008	KOLKATA
38	257762	1244/KOLNP/2005	04/11/2003	26/11/2002	METHOD FOR PRODUCTION OF DUAL PHASE SHEET STEEL	UEC TECHNOLOGIES, LLC	16/10/2009	KOLKATA
39	257763	3680/KOLNP/2006	24/06/2005	02/07/2004	PROCESS FOR PRODUCING A TRANSPARENT OPTICAL ELEMENT, OPTICAL COMPONENT INVOLVED IN THIS PROCESS AND OPTICAL ELEMENT THUS OBTAINED	ESSILOR INTERNATIONAL(COM PAGNIE GENERALE D'OPTIQUE)	15/06/2007	KOLKATA
40	257766	2708/KOLNP/2006	24/03/2005	31/03/2004	TEST TUBE AGITATION DEVICE COMPRISING MEANS FOR THE OPTICAL DETECTION OF A TEST TUBE IN A PREDETERMINED ZONE	PASSONI GIOVANNI	01/06/2007	KOLKATA

CONTINUED TO PART- 2