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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

22ND NOVEMBER, 2013

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**THE PATENT OFFICE
KOLKATA, 22/11/2013**

Address of the Patent Offices/Jurisdictions

The following are addresses of all the Patent Offices located at different places having their Territorial Jurisdiction on a Zonal basis as shown below:-

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<p>2 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>	<p>5 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>3 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>	<p>❖ Rest of India</p>

Website: www.ipindia.nic.in
www.patentoffice.nic.in

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पेटेंट कार्यालय
कोलकाता, दिनांक 22/11/2013
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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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

SPECIAL NOTICE

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.

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The following patent applications have been published under section 11A (2) of The Patents (Amendment) Act 2005 and rule 24A of The Patents (Amendment) Rules, 2006. 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.3266/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :04/11/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : A NOVEL MOUTH FRESHENER COMPOSITION AND THE PROCESS OF PREPARING THE SAME

(51) International classification

:A23L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)RAJKUMAR ARORA

Address of Applicant :H - 341, GROUND FLOOR, NEW
RAJENDRA NAGAR DELHI-110060, INDIA.

(72)Name of Inventor :

1)RAJKUMAR ARORA

(57) Abstract :

The present invention relates to a novel mouth freshener composition. More particularly, the present invention relates to a novel mouth freshener composition having no poisoning effects of tobacco products such as Cigarettes and other nicotine product etc. More particularly, the present invention relates to a novel mouth freshener composition prepared by using dry dates (chuara), Fennel seeds (saunf), natural and synthetic perfume and also eatable catechu (Katha) in a particular ratio. Moreover this invention relates to the process for the preparation of the composition containing the above ingredients.

No. of Pages : 18 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3297/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :08/11/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : PORTABLE ELECTROMAGNETIC DRILL & TAPPING MACHINE.

(51) International classification	:B23Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HITESH DHANDA
(32) Priority Date	:NA	Address of Applicant :H.NO. 3542 U/E, JIND, HARYANA-
(33) Name of priority country	:NA	126102 Haryana India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)HITESH DHANDA
(87) 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 :

After studying the actual process of internal threading of the jobs for large sizes work piece like airplane, sea plane and industrial machinery etc. I found number of problems that conventional hand tapping consumes a lot of time, required more effort, work becomes fatigue to operators, and tool life is reduced. By studying these parameters i have developed a portable electromagnetic drill & tapping machine which enables manual tapping to automatic tapping. Portability of machines makes its unique to work on anywhere on workpiece. Electromagnetic benefit for easy working on onsite iron metals due to easy fixing on large work pieces. Portable electromagnetic drill & tapping machine will create revolution in the field of large machine manufacturing because it enables us to design large sizes nuts and bolt within heavy metal work piece to resist breakage.

No. of Pages : 12 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/04/2013

(21) Application No.1503/MUM/2013 A

(43) Publication Date : 22/11/2013

(54) Title of the invention : A BIOGAS PLANT USING BAMBOO AND METHOD OF CONSTRUCTION THEREOF

(51) International classification	:C05F17/00, C05F17/02	(71) Name of Applicant : 1)BHAGIRATH GRAMVIKAS PRATISHTHAN Address of Applicant :AT & POST ZARAP TALUKA KUDAL DISTRICT SINDHUDURG (416520) Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)PRASAD WAMAN DEODHAR
(33) Name of priority country	:NA	2)SANTOSH JANARDAN ZARAPKAR
(86) International Application No	:NA	3)JAGDISH PRABHAKAR GAWANDE
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 biogas plant and its method of construction using bamboo which comprises a digester tank embedded in a gas holder dome (storage), an inlet tank connected to the gas holder dome through an inlet pipe, a balancing tank opening in the gas holder and also connected to the slurry outlet, a gas outlet at the top of the slurry outlet and a manhole for entering into the gas storage The method of construction of the biogas plant using bamboo which comprises the steps of Preparing the bamboo mesh sheets, Constructing the foundation of the biogas plant, constructing the gas storage dome using the said bamboo nets and constructing the inlet tank.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.193/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :21/01/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : MILK BOILING ALARM.

(51) International classification	:A47J36/00, G04F1/00	(71) Name of Applicant : 1)SANJAY W SHINDE
(31) Priority Document No	:NA	Address of Applicant :1A, 1104, BALAJI GARDEN, KOPAR
(32) Priority Date	:NA	(E), THANE 421 201 Maharashtra India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)SANJAY W SHINDE
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a milk boiling alarm device adapted to place on the cover plate of milk boiling vessel. The device comprises hollow body bottom part having a hole and a top part. A heat sensing circuit (7) powered by a battery(6) with push button (1) to power ON/OFF and a LED light indicator(3) for indicating device working, mounted mountings formed in the said hollow body ;a buzzer (2), for generating audible sound when milk is almost about to get boiled, connected to the out put of the said heat sensing circuit (7). A heat sensor(4), for input signal for triggering circuit board (7) when temperature of milk is about to boil, connected to the input of the said heat sensing circuit(7). The said heat sensor (4) mounted in the said hole of the hollow bottom part so as to protrude out. Three mounting holes made on top part of said hollow body for mounting said push button on/off switch(1), LED indicator (3) and buzzer(2). A low battery circuit (8) connected across battery terminal to generate visual/audible signal.

No. of Pages : 12 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3226/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :06/11/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR PREPARING 2,4-DICHLOROPHENOCY ACETIC ACID AND ITS SODIUM SALT

(51) International classification	:C07C51/00, C07C59/68	(71)Name of Applicant : 1)MEGHMANI ORGANICS LIMITED Address of Applicant :Meghmani House Shreenivas Society Paldi Ahmedabad Gujarat 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)KAUSHIK Vijay
Filing Date	:NA	2)RAO Y.J.
(87) International Publication No	: NA	3)PATEL Natwarlal
(61) Patent of Addition to Application Number	:NA	4)PATEL Karan
Filing Date	:NA	5)NALWAYA Niranjan
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The proposed invention relates to an improved process for preparation of 2, 4-dichlorophenoxyacetic acid and its Sodium salt mainly comprises of washing, condensation and acidification steps. In particular the proposed invention relates to an improved process for preparing 2, 4-dichlorophenoxyacetic acid and its sodium salt which significantly removes the iron content in the traces, providing high quality of 2, 4-dichlorophenoxyacetic acid and its sodium salt with significantly increased yield of 2, 4-dichlorophenoxyacetic acid and its Sodium salt at significantly reduced cost.

No. of Pages : 17 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3226/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : A STAR DELTA STARTER HAVING IMPROVED POWER CONTACTORS

(51) International classification	:H02P1/32
(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	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Anam Atul Hareshbhai

Address of Applicant :Anam Industries Plot No. 701/A,
G.I.D.C., Bhuj - Kutch 370 001 Gujarat, India.

(72)Name of Inventor :

1)Anam Atul Hareshbhai

(57) Abstract :

The present invention relates to an improved star delta starter for starting a three phase star delta motor comprises improved power contactors configured to have a pair of three pole delta and main contactors, and a single pole star contactor for supplying AC power to star position and delta position, a timer control with a logic circuit for controlling AC power supply switching operation for star position and delta position and for adjusting a time delay of switching over from star connection to delta connection, an overload relay for protecting motor from overload, and start and stop push buttons to perform starting and stopping operation of star delta starter.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3241/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :08/11/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : AN PREFILLED SYRINGE CONTAINING AMIKACIN

(51) International classification	:A61K31/728, A61F13/02	(71)Name of Applicant : 1)AGRAWAL Pawan Address of Applicant :F 22 Akash Tower Opp: Premchand Nagar Judges Bungalow Road Satellite Ahmedabad Gujarat, India. 2)AGARWAL Zameer
(31) Priority Document No	:NA	(72)Name of Inventor : 1)AGRAWAL Pawan 2)AGARWAL Zameer
(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 :

The embodiment of the present invention relates to a prefilled syringe containing Amikacin for administration of Amikacin with retained effective sterility. The present prefilled syringes are filled with Amikacin while manufacturing and can be readily administered for treating bacterial infections without filling the syringe from the Amikacin ampoule. Therefore, there are no chances of contamination unlike the conventional ways that include the filling of syringe from the Amikacin ampoule prior to administration. The eliminated use of ampoules reduces the overall costs including the costs of manufacturing, handling, storage, transportation etc. The cumbersome separate handling of syringes and ampoules is also not required. The present invention also facilitates considerable reduction in medical wastage as no ampoules are used and to contribute to medical waste.

No. of Pages : 19 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3336/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :24/10/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : PROCESS TO MANUFACTURE GHEE (INDIAN BUTTER OIL) FROM CREAM ON A LARGE SCALE

(51) International classification	:A23C 15/00,A23C 9/156, A23C15/14	(71)Name of Applicant : 1)ABHYANKAR CHAITANYA MILIND Address of Applicant :12-NEW ROYAL RESIDENCY, PUSHPANAGRI, AURANGABAD-431001 Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)ABHYANKAR CHAITANYA MILIND
(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 :

The present invention relates to desi ghee (Indian Butter Oil). The cream separated from whole milk is inoculated and set to ferment and coagulate. After coagulation, the cream obtained is clarified by heat to produce Indian butter oil.

No. of Pages : 5 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2013

(21) Application No.3337/MUM/2013 A

(43) Publication Date : 22/11/2013

(54) Title of the invention : A PRINTING UNIT.

(51) International classification	:B41F3/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MR. SANJAY KASHINATH KHURD
(32) Priority Date	:NA	Address of Applicant :102-ICON TOWER, NEAR
(33) Name of priority country	:NA	VIVEKANAND COLLEGE, NAGALA PARK, KOLHAPUR-
(86) International Application No	:NA	416003, MAHARASHTRA, INDIA.
Filing Date	:NA	2)MR. KRISHNATH SHIVAJI KONDE
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)MR. SANJAY KASHINATH KHURD
Filing Date	:NA	2)MR. KRISHNATH SHIVAJI KONDE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Present invention introduces a printing unit facilitating a different plate and blanket cylinder arrangement from the existing printing units; where there is only one blanket cylinder on top side of the paper [no plate cylinder] and two set of plate and blanket cylinders on bottom side of the paper; this arrangement can be coupled with existing two sets of 2+1 unit to get a 4+4 result and hence there is no need to have a separate tower unit; the printing unit facilitating an application of an ink and water on the plate cylinder in a controlled manner and having precise true rofling of the cylinder and rollers, which is adapted for transferring an image from plate cylinder to the blanket cylinder and from blanket cylinder to paper; the unit comprising of an ink tank (ink duct), supplying ink to a bigger diameter steel roller - an ink duct roller attached to it; which further supplying ink to a scoring roller situated below the ink duct roller; the scoring roller being friction driven by an ink take off roller and supplying ink to it; the ink further supplied to a first ink distribution roller, having ebonite coating to an ink transfer roller, having rubber coating and being driven by friction to a second Ink Distribution Roller to an Ink form roller first and an Ink form roller second; a water tray for storing water a fine polished pan roller to pick up water from the tray and to make a very thin film of water; a brush roller set on pan roller to spray water on a water distribution roller, coated with hard chrome coating and which further supplying water to a water form roller which being connected to the plate cylinder, having two locating pins holding the plate at its accurate position; a blanket cylinder where an image being transferred from the plate cylinder thereto; paper guide roller to pass the paper through; a tension roller to maintain the tension of the paper, having rubber runners on it to hold the paper against tension roller; and main drive shaft with ON/OFF mechanism.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1990/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :10/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : VASCULAR PUNCTURE SITE CLOSURE DEVICE

(51) International classification	:A61B17/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MR. ANIL MADAN POTDAR
(32) Priority Date	:NA	Address of Applicant :FLAT NO. 803, B-2, SARASWATI
(33) Name of priority country	:NA	COLONY, NEAR NEW ACHARYA COLLEGE, CHEMBUR-
(86) International Application No	:NA	400 071, MUMBAI Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)MR. ANIL MADAN POTDAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A vascular puncture site closure device comprises of a compressor / closure block (07) having at least one groove (04). The compressor/ closure block (07) has belt /band (03). The compressor / closure block (07) has two legs (05) and (06). The belt / band (03) is adjustable and sufficiently narrow in area on the supine side in the vicinity of ulnar artery.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3417/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :03/12/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : SIMULATE LIFE OF INDIVIDUALS BY ORGANIZING SEQUENCE OF EVENTS THAT REMINISCE THEIR PAST

(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)Bipin Joshi

Address of Applicant :402 Onyx Nirmal Lifestyle LBS
Marg Mulund (W) Mumbai Maharashtra India

(72)Name of Inventor :

1)Bipin Joshi

(57) Abstract :

Sequence of important events of life are simulated over a course of agreeable duration for an individual (or host). Hosts are interviewed with the help of predefined questionnaires to identify key events key locations and key people at different stages of their life. The identified people (or guests) are invited to attend special events that reminisce past along with the host. The events are organized in the chronological order i.e. starting with childhood and ending with current age e.g. a 60 year old host is taken through a series of events for 60 days each day representing a year. The events invitees surroundings and duration are decided based on a structured interview and agreement by the host.

No. of Pages : 4 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1691/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/09/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : COMMUNICATIONS TERMINAL AND METHOD AND APPARATUS FOR TESTING

(51) International classification	:H04W24/00,H04W88/02	(71) Name of Applicant :
(31) Priority Document No	:201210032814.4	1)SPREADTRUM COMMUNICATIONS (SHANGHAI)
(32) Priority Date	:14/02/2012	CO. LTD.
(33) Name of priority country	:China	Address of Applicant :Spreadtrum Center Building No. 1 Lane
(86) International Application No	:PCT/CN2013/071572	2288 Zuchongzhi Road Zhangjiang Shanghai 201203 China
Filing Date	:08/02/2013	(72) Name of Inventor :
(87) International Publication No	:WO 2013/120447	1)LI Cai
(61) Patent of Addition to Application	:NA	2)HAN Wei
Number	:NA	3)SHI Yanshan
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method in a communication terminal for measuring one or more measurement quantities wherein the measurement quantities correspond to a measurement identity the method comprising: determining whether measurement of the measurement quantities can be performed in a first measurement occasion corresponding to the measurement identity; and if measurement of the measurement quantities cannot be performed in the first measurement occasion measuring the measurement quantities using one or more other measurement occasions wherein the one or more of the other measurement occasions correspond to at least one other measurement identity.

No. of Pages : 67 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3449/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :31/10/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : PROCESS FOR PRODUCTION OF ELECTRICITY. THE INVENTION RELATES TO A NEW PROCESS FOR CONTINUOUS PRODUCTION OF ELECTRICITY MECHANICALLY, USING GRAVITATIONAL FORCE AND BUOYANCY FORCE OF LIQUID.

(51) International classification	:F03B17/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VIVEK MADHUKAR BORKAR
(32) Priority Date	:NA	Address of Applicant :503, SHUBHECHA, SWAMI
(33) Name of priority country	:NA	VIVEKANANDA ROAD, BHASKAR COLONY, NAUPADA,
(86) International Application No	:NA	THANE (WEST), PIN : 400602, Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)VIVEK MADHUKAR BORKAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This process is useful in continuous automatic production of electricity. In this process the special type of vessel used in external liquid tank. This vessel moves in downward direction due to gravimetric force on filling internal liquid and in upward direction due to buoyancy force, on draining of internal liquid. Internal liquid storage tank is used for supply of internal liquid on the upper side of the external liquid tank. Two combined taps are used for filling and draining of internal liquid from the vessel. These taps are close and start mechanically using strings and pulleys using the force of movement of the vessel. Movement of the vessel rotates a pulley. The rotation of the pulley is used for the production of the electricity by using pulley drive and dynamo. (Usual method) Internal liquid is reused if necessary. There is no any chemical reaction in this process. No any other external energy is required for starting and continuity of this process. For more production of electricity we can use more vessels and settings. See figures 1, 2,3 & 4. In this way this process is very useful in continuous automatic production of electricity. This process can utilize anywhere.

No. of Pages : 14 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2013

(21) Application No.3450/MUM/2013 A

(43) Publication Date : 22/11/2013

(54) Title of the invention : AN IMPROVED METHOD FOR SYNTHESIS OF NOVEL POLYHEDRAL GOLD NANOPARTICLES USING ACINETOBACTER SP.

(51) International classification	:C12R1/01, C12N1/20	(71)Name of Applicant : 1)SWEETY A. WADHAWANI Address of Applicant :DEPARTMENT OF MICROBIOLOGY, UNIVERSITY OF PUNE, PUNE-411007 Maharashtra India 2)DR. UTKARSHA U. SHEDBALKAR 3)RICHA SINGH 4)PROFESSOR BALU A. CHOPADE
(31) Priority Document No	:NA	(72)Name of Inventor : 1)SWEETY A. WADHAWANI
(32) Priority Date	:NA	2)DR. UTKARSHA U. SHEDBALKAR
(33) Name of priority country	:NA	3)RICHA SINGH
(86) International Application No	:NA	4)PROFESSOR BALU A. CHOPADE
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In one of the aspect of the invention it is provided that a method for an Isolation and Identification of Acinetobacter sp. SW30 from activated sewage sludge, in the method for isolation Fresh activated sewage sludge is collected in sterile bottles having an Acinetobacter sp which is enrich by culturing on the Baumann s medium. Five milliliter of freshly collected sludge is inoculated in 100 ml of media and incubated at 30 oC at 200 rpm for 48 h. After every 24 h aliquots of enriched broth are serially diluted and 100 µl from 10-6,10-8 and 10-10 dilutions are spread plated on cysteine lactose electrolyte deficient agar (CLED). The plates are incubated at 30 °C for 48 h. Gram staining, motility, oxidase test and capsule staining is performed for preliminary identification of isolates. Cultures resembling microbiologically to Acinetobacter are further identified by 16s rRNA sequencing. The identified culture is routinely subcultured and maintained on Luria Bertani (LB) agar at 4 °C and in glycerol stocks stored at -80 °C. In one of the aspect of the invention Screening for synthesis of metal nanoparticles is done by using a loopful of culture is inoculated in 100 ml LB broth and incubated at 30 °C, 200 rpm for 24 h. Cells are harvested by centrifugation 5000 rpm for 6 min at 10 °C and washed thrice with sterile distilled water, Cell pellet is suspended in sterile D/W and challenged chloroauric acid [HAuCl4], so as to get final concentration of 1 mM and incubated at 30 °C, 180 rpm. After every 24 h, 200 uJ aliquots are withdrawn and UV-Visible spectrum is recorded. In one of the aspect of the invention the effect of various physicochemical parameters such as culture age, cell density, metal solution concentration, temperature, pH is monitored. The metal nanoparticles formed by the above method is further characterised by using analytical methods such as X-ray diffraction (XRD), cyclic voltammetry, X-ray spectroscopy, transmission electron microscopy, Atomic force microscope etc,

No. of Pages : 19 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3482/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :01/11/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : A COMPUTERIZED PROCESS FOR AUTOMATED MONITORING OF PROFESSIONAL ACTIVITIES OF 'SALES PROMOTION EMPLOYEES' AND METHOD OF USE. .

(51) International classification	:G06F19/00, G06Q90/00	(71) Name of Applicant : 1)MR. PRASHANT SURANA Address of Applicant :MR. PRASHANT SURANA B-1804, SATELLITE TOWER, FILM CITY ROAD, GOREGAON EAST, MUMBAI-400063, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MR. PRASHANT SURANA
(87) 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 disclosure relates to a computerised process for automatically generating, reporting and analysing the qualitative and quantitative data required for monitoring the daily professional activities of sales promotion employees and method of use.

No. of Pages : 12 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3504/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :06/11/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : A PILOT OPERATED GAS PRESSURE REGULATOR CONFIGURED TO FAIL CLOSE

(51) International classification	:F16K99/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CHEMTROLS INDUSTRIES LTD.
(32) Priority Date	:NA	Address of Applicant :AMAR HILL, MUMBAI 400 072,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. SANTHANU YESODHARAN
(87) International Publication No	: NA	2)MR. ANUP ANIRUDHAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Present invention introduces a device for regulating gas pressure in a pipe or duct carrying high pressure gas, comprising a control valve with an inlet chamber connected to the high pressure gas duct, an outlet chamber connected to the low pressure gas delivery line, and an intermediate path connecting the inlet chamber and the outlet chamber; the intermediate path has a regulating shutter or closure element which opens or closes the path; the control valve further comprises of integral actuator comprising a lower chamber and an upper chamber, having a compression spring located in each chamber and separated by a flexible diaphragm having a compression spring located at upper side and lower side of it; the diaphragm is attached to the closure element with a rigid rod; and is adapted for closing or opening the closure element; these compression springs help in regulating the shutter and the valve so as to maintain the flow rate of the gas depending upon the consumption of the gas by the users thereby keeping the system in a state of dynamic balance; the device being responsible for closing the regulating shutter in case of any failure in the actuating system or power source for actuation. Such a regulator is generally referred to as a regulator configured to Fail Close. By doing so it prevents the high pressure gas from the inlet stream to pass to the delivery line without regulation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3505/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :06/11/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : A PILOT OPERATED GAS PRESSURE REGULATOR CONFIGURED TO FAIL OPEN

(51) International classification	:F16K99/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CHEMTROLS INDUSTRIES LTD.
(32) Priority Date	:NA	Address of Applicant :AMAR HILL, MUMBAI 400 072,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. SANTHANU YESODHARAN
(87) International Publication No	: NA	2)MR. ANUP ANIRUDHAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Present invention introduces a device for regulating gas pressure in a pipe or duct carrying high pressure gas, comprising a control valve with an inlet chamber connected to the high pressure gas duct, an outlet chamber connected to the low pressure gas delivery line, and an intermediate path connecting the inlet chamber and the outlet chamber; the intermediate path has a regulating shutter or closure element which opens or closes the path; the control valve further comprises of integral actuator comprising a lower chamber and an upper chamber, having a first compression spring located in the lower chamber of the actuator, exerting an upward force to the regulating shutter and moving it up to open the valve, wherein the motorisation pressure being supplied from the pilot to the upper chamber and to an intermediate pressure less than the motorisation pressure to the lower chamber; and a second compression spring located on the top side of the diaphragm, being responsible to build the pressure inside the upper chamber of actuator to a value which is sufficient enough to overcome the force required to further compress the spring, the force required to overcome drag forces and any static force acting against the movement of closure element, thereby keeping the system in a state of dynamic balance and increasing the response and the performance of the regulator.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3376/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :25/10/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : PROCESS AND DEVICE FOR WATER PURIFICATION USING NOVEL COAGULANT

(51) International classification	:C02F1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Dr. Shashikant Annarao Halkude
(32) Priority Date	:NA	Address of Applicant :PLOT NO.78, JULESOLAPUR,
(33) Name of priority country	:NA	VISHAL NAGAR, NEAR BHARATI VIDYAPEETH,
(86) International Application No	:NA	SOLAPUR 413004, MAHARASHTRA, INDIA.
Filing Date	:NA	2)Chetan Pitambar Pise
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)Dr. Shashikant Annarao Halkude
Filing Date	:NA	2)Chetan Pitambar Pise
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a stand alone water purification device and process for treating impure water for turbidity and bacterial removal by using blended coagulants of Moringa Oleifera and alum in a device comprising a feed chamber with an inlet for entry of impure water and a top cover, a stirrer with a handle, a coagulant injector for injecting the novel coagulant, a sediment chamber with a drain tap, a filtration unit comprising of a filter opening and a carbon block filter media, a retention chamber with an outlet for withdrawal of purified water. The invention also relates to a process of preparation of Moringa Oleifera and alum as coagulants.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3361/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :25/10/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : MODERN UNIVERSAL ROTARY SMILE DRIVE

(51) International classification	:B25B21/00, B23G1/00	(71) Name of Applicant : 1)MR. KEDAR CHANDRAKANT PATHAK Address of Applicant :144 NARAYAN PETH, KELKAR ROAD, KASAT CHOWK, NATRAJ HEIGHTS, GROUND FLOOR, SHOP NO 1-2, PUNE-411 030, 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 :
(87) International Publication No	: NA	1)MR. KEDAR CHANDRAKANT PATHAK
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The modern universal rotary smile drive is an independent unit gadget which once assembled helps give an output of various attachable machines and at the same time the input source on the friction drive roller of the modern universal rotary smile drive can be from the wheel of a pedal driven bicycle up to a motor cycle tyre. Thus in our conceptual opinion it is suggested and derived upon that the modern universal rotary smile drive is a modulating gadget of a unique kind which helps transmit rotary frictional drive energy from various driven wheels in to the drive attachments of various machines. Thus bringing million smiles to the user

No. of Pages : 12 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3495/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :04/11/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : LOSS RECOVERY MODEL TO IMPROVE RELIABILITY IN WIRELESS SENSOR NETWORK

(51) International classification	:H04L29/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Mr. Vivek Deshpande
(32) Priority Date	:NA	Address of Applicant :D-19, Prathmesh, Chintamani Nagar,
(33) Name of priority country	:NA	Bibwewadi, Pune 411037 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Mr. Vivek Deshpande
(87) International Publication No	: NA	2)Shilpa Badarayani
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Wireless sensor network (WSN) is a network of spatially distributed sensors communicating each other. They are transmitting their data to central node i.e. sink. For any network it should be reliable and energy efficient in nature. In multi-hop communication data flows through several hops but 100% data is not transmitted to sink. Sometime the data rate is also high. Traffic load in multi-hop wireless sensor network is not distributed uniformly over the nodes so there are more chances of data loss. To prevent this loss a necessary action should be taken. A caching method is one of that with which loss packets can be collected and retransmitted to destination, to achieve the reliability of network and to increase the performance of network. In loss recovery algorithm we use caching method to recover from loss of packets and to improve reliability of network. Following invention is described in detail with the help of FIG. 1 of sheet 1 provides an illustration of flow chart of the mechanism and Figure 2 of sheet 2 provides an illustration of state diagram for loss recovery.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3323/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :23/10/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHOD FOR IMPROVED QUALITY OF SERVICE IN TERMS OF PRIORITY AND SECURITY AT TRANSPORT LAYER OF TCP/IP INTERNET PROTOCOL SUITE

(51) International classification	:H04L12/56	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SANJEEV SHRIVASTAVA
(32) Priority Date	:NA	Address of Applicant :FLAT NO 201, PRESTIGE
(33) Name of priority country	:NA	RESIDENCY, DEEPAK NAGAR, KATOL ROAD, NAGPUR -
(86) International Application No	:NA	440 013, MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SANJEEV SHRIVASTAVA
(61) Patent of Addition to Application Number	:NA	2)DATTATRAY SITARAM BHILARE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method to improve security and priority at Transport Layer s end to end communication. The method archives improved security and priority by introducing Transport Layer Pipe System at Transport Layer of TCP/IP Internet Protocol Suite. Transport Layer Pipe System connects end to end communication systems at Transport Layer of TCP/IP Internet Protocol Suite by implementing Transport Layer Pipe [TLP]. A Transport Layer Pipe consists with a Transport Signalling Link and Transport Data Link / Links for an Application Layer Process. Transport Signalling Link and Transport Data Link / Links are Transport Layer Connections (TLCs) which are implemented by any Transport Layer Protocol. The method provides dedicated bandwidth and priority to data packets/connection at Network Layer (by Operator) as well as server side (Application Provider) along with security. Multiple TLCs are used to improve security. The method provides Quality of Service (QoS) by incorporating Application Layer parameters, Network Layer parameters, QoS history& parameters at Transport Layer Pipe System.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3496/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :04/11/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : FAST RELEASE ANTACID COMPOSITION AS POWDER FOR ORAL SUSPENSION

(51) International classification	:A61K9/14	(71) Name of Applicant :
(31) Priority Document No	:NA	1)NORTH MAHARASHTRA UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :NORTH MAHARASHTRA
(33) Name of priority country	:NA	UNIVERSITY, PB:80, UMAVINAGAR, JALGAON, 425001,
(86) International Application No	:NA	MAHARASHTRA, INDIA.
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)MR. VINOD J. MOKALE
(61) Patent of Addition to Application Number	:NA	2)MISS. TRUPTI KHATAL
Filing Date	:NA	3)MR. GOKUL A. KHAIRNAR
(62) Divisional to Application Number	:NA	4)MR. SHIVRAJ NAIK
Filing Date	:NA	5)DR. JITENDRA B. NAIK

(57) Abstract :

The present invention describes a pharmaceutical composition in powder form, effective as an oral fast release antacid for rapid neutralization of gastric acidity. The pharmaceutical composition is required to be used as a powder for oral suspension. The composition contains pantoprazole, xanthan gum and other pharmaceutical acceptable ingredients and the said pharmaceutical composition is homogenously distributed for extended period when dispersed in suitable suspension agent.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3242/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :08/11/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : PREFILLED SYRINGE CONTAINING ADRENOCHROME

(51) International classification	:A61K47/02, A61P11/08, A61M3/00	(71)Name of Applicant : 1)AGRAWAL Pawan Address of Applicant :F 22 Akash Tower Opp: Premchand Nagar Judges Bungalow Road Satellite Ahmedabad Gujarat, India.
(31) Priority Document No	:NA	2)AGARWAL Zameer
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)AGRAWAL Pawan
(86) International Application No	:NA	2)AGARWAL Zameer
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 embodiment of the present invention relates to a prefilled syringe containing Adrenochrome whereby sterile drug dosage can be administered. The present prefilled syringe contains Adrenochrome in dosage amount and concentration and thereby eliminates the requirement of filing of Adrenochrome from the ampoules into the syringe. This further eliminates the risk of exposure of the drug to the atmosphere and thereby eliminates the risk of contamination. The present syringe being prefilled eliminates the risk of dose variability. The present syringe being prefilled does not require ampoules to be handled and thus eliminates the chances of broken glass pieces generally falling into the drug within the ampoule leading to contamination. This enables aseptic drug delivery and thereby eliminates the risk of further medical complications.

No. of Pages : 16 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.52/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : REAR WHEEL HUB BEARING UNIT

(51) International classification	:B60B27/00, B25B13/48	(71) Name of Applicant : 1)HARESH KUMAR P. HADVANI Address of Applicant :METODA, RAJKOT, GUJARAT, 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)HARESH KUMAR P. HADVANI
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 Rear Wheel Hub Bearing Unit for use in auto rikshaw or other vehicle which comprises of Axle which extends through the Inner Diameter of Ball Bearing unit to the Inner Diameter of Double Row Angular Contact Ball Bearing unit; a Double Row Angular Contact Ball Bearing unit with a Outer Race, Inner Race and Two Cages to hold the Ball Bearings, Rubber Seal on the Inner surface of Inner Race and Outer Race; a Sleeve which extends from the Ball Bearing unit to Double Row Angular Contact Ball Bearing unit such that it is placed between the Ball Bearing and the Inner Race resulting in direct contact between the Shaft and the Ball Bearing and both Bearing Units; a circlip at the end of Ball Bearing unit; the Wheel Hub which houses the Outer Race of Double Row Angular Contact Ball Bearing unit with threaded stud mounted on it such that it can hold the wheel on it.

No. of Pages : 15 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3339/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :24/10/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : A SYSTEM OF CONTROLLED ENVIRONMENT FOR EXERCISE AND PLANT GROWTH .

(51) International classification	:A01G9/24, A01G31/02, A01G9/14	(71)Name of Applicant : 1)MR. KAISER IRANI Address of Applicant :SPENTA SOCIETY, OLD KHANDALA ROAD, KHANDALA, 410302, Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor : 1)MR. KAISER IRANI
(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 :

An enclosure with controlled environment consisting of fixed predetermined ratio of nitrogen and oxygen gases for exercise or plant growth wherein the nitrogen and oxygen gases are introduced in the enclosed environment by non pressurized cylinders (numeral 1 & 2) placed outside the enclosure and the gases shall be introduced into the enclosure via pipes (numeral 5 & 6) which are mounted with control gauge (numeral 3 & 4) and non reversible valves.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3404/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :29/10/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : AESTHETIC AND ERGONOMIC ALL UTENSIL CLEANING DEVICE

(51) International classification :A47L25/00,A47L15/00
(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)PURALKAR MOHANISH SURESH

Address of Applicant :1/34, GOVERNMENT COLONY,
BANDRA (EAST), MUMBAI-400 051, MAHARASHTRA,
INDIA.

(72)Name of Inventor :

1)PURALKAR MOHANISH SURESH

(57) Abstract :

An aesthetic & ergonomic all utensil cleaning device comprising of a motor (1) concealed in an semi oval shaped cover(9), connected to a flexible shaft (3) which is further connected to either of the cleaning attachments viz. a hand held cleaning attachment specially designed for ergonomic comfort, consisting of a soap dispenser & for an average load of small no. of utensils or for an exceptionally large sized utensils to be cleaned & a permanent position cleaning attachment that to be is placed on the basin (17) & attached to the adjacent wall (16), consisting of a reduction gear box (12) further attached to a splined shaft (13) & further to brushes with internal splined shaft(14,15) & for average load of large number of utensils. Achieving efficient & faster cleaning with minimal effort & time consumption without any shock hazard.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/10/2013

(21) Application No.3405/MUM/2013 A

(43) Publication Date : 22/11/2013

(54) Title of the invention : PROCESS FOR LACTIC HENNA READY-TO-USE PASTE PRODUCTION

(51) International classification	:A61K36/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PATANKAR DIGAMBAR SANJEEV
(32) Priority Date	:NA	Address of Applicant :ASSOCIATE PROFESSOR, GURU
(33) Name of priority country	:NA	NANAK COLLEGE OF SCIENCE, BALLARPUR, DISTT-
(86) International Application No	:NA	CHANDRAPUR. (M.S.), PIN-442701, MAHARASHTRA,
Filing Date	:NA	INDIA.
(87) International Publication No	: NA	2)DUA AMARJEETSINGH PRACHI
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PATANKAR DIGAMBAR SANJEEV
(62) Divisional to Application Number	:NA	2)DUA AMARJEETSINGH PRACHI
Filing Date	:NA	

(57) Abstract :

Hena, which is Lawsonia inermis as a herbal product is very well known to most of us. The use of henna for colouring hair and skin has been practised since ages. Dyeing today is a specialised complex science. All the dyestuff currently produced from synthetic compounds that have certain side effects. The use of henna for dyeing hair reduces these side effects. Thus, a process for production of henna with enhanced colour intensity and conditioning property is designed retaining its herbal nature. Fresh henna leaves were collected and air dried. These were then crushed and sieved to obtain a fine powder. The starter culture from the indigenously isolated lactic cultures is prepared and is added to the powder along with ascorbic acid. Sterilized distilled water is added to obtain a smooth paste. The maximum colour is obtained when the pH is adjusted to 5, after an incubation at 36- 39 °C for 5-9 hours. A variety of colour shades could be obtained by addition of additives like tea powder, beetroot crush and iron metal powder.

No. of Pages : 5 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3307/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : MICROSTRIP HAIRPIN BANDPASS FILTER.

(51) International classification

:H01P1/205,
H01P1/203

(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)KAMDAR PARTH HITESH

Address of Applicant :37/12, RAJSHREE KUTIR,
JAGDUSHA NAGAR, GHATKOPAR WEST, MUMBAI-
400086. Maharashtra India

2)DOSHI RUSHABH AJAY

3)RONAK DOSHI

4)MRS. ANUDEEPA KHOLAPURE

(72)Name of Inventor :

1)KAMDAR PARTH HITESH

2)DOSHI RUSHABH AJAY

3)RONAK DOSHI

4)MRS. ANUDEEPA KHOLAPURE

(57) Abstract :

In this project, a design of a microstrip hairpin bandpass filter with center frequency of 5.2 GHz is proposed. The filter is designed to operate within 10% operating bandwidth. IE3D software is fully utilized to simulate the response of hairpin bandpass filter. It will demonstrate the third order of the Tschebyshev elements. The specified pass band insertion loss must not exceed 2dB while the pass band return loss was to be more than 15 dB. Our proposed design aims to achieve an insertion loss as close to 0 and a return loss higher than 15 db. A high return loss shows how well devices or lines are matched and also ensures a lower insertion loss. The filter was fabricated on a FR4 substrate having a relative permittivity of 4.2, and substrate thickness 0.508mm respectively. The filter characteristics were then measured using Vector Network Analyzer. The simulation results show a good agreement.

No. of Pages : 17 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2779/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :26/08/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : A MEGA VEHICLE CARRYING AND TRANSPORTATION SYSTEM-PUBLIC/PRIVATE TRANSPORT WITH/WITHOUT PASSENGER AND/OR GOODS

(51) International classification	:B61D3/18	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Pathak Satyankumar Vijaykumar
(32) Priority Date	:NA	Address of Applicant :Bhrahmin Street At- Sivan, Post
(33) Name of priority country	:NA	Sayan, Ta.- Olpad, Dist. Surat Pin code- 394 130. Gujarat, India.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Pathak Satyankumar Vijaykumar
(87) 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 Mega Vehicle Carrying and Transportation System-public/private Transport with/without passenger and/or Goods The present invention relates to vehicle transport carriage comprises vehicle carrying compartment suitable to transport two wheelers and light motor vehicles. The vehicles which are to be transported placed on single level frame or on multi level frame. The vehicle carrying compartment comprises hydraulic (15) for opening and closing of doors (16), vehicle height adjustable lock for safety (18), vehicle wheel lock for safety (19), chassis lock (22) for completely locking a vehicle to the place and optionally circular moving plate (29) for moving a vehicle at desired direction. The vehicle transport carriage optionally comprises passengers carrying compartment.

No. of Pages : 87 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3328/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :23/10/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : INTEGRATED ARCHITECTURE FOR INTRUSION PROTECTION SYSTEMS

(51) International classification	:H04L12/28	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PROF. KAMINI C. NALAVADE
(32) Priority Date	:NA	Address of Applicant :BUNGLOW NO.2, DEOLALI HSG
(33) Name of priority country	:NA	SOC., B/H NAKA NO.6, LAM ROAD, DEOLALI CAMP,
(86) International Application No	:NA	NASIK-422101 Maharashtra India
Filing Date	:NA	2)DR. B.B. MESHRAM
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)PROF. KAMINI C. NALAVADE
Filing Date	:NA	2)DR. B.B. MESHRAM
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Today use of Internet has become unavoidable for day to day life activities. Also the information flow on the Internet is constantly under various attacks. Protecting data from various attacks is prime concern today. The primary causes of various attacks on Internet are the underlying vulnerabilities in the protocols of TCP/IP suite. Attackers not only exploit vulnerabilities of TCP/IP Protocols but also routing protocols and security protocols. Our goal is to overcome these vulnerabilities by increasing intrusion detection and prevention ability of security system. Detecting known attacks can be achieved by signature matching but detecting unknown attacks and updating system automatically for new rules is also a main challenge in the design of Intrusion Prevention systems. Main aim is not only to detect known attacks but to provide security from unknown attacks as well. Here we propose an integrated architecture for router based Intrusion Protection system. Proposed approach incorporates intrusion detection, prevention approaches with data mining methods.

No. of Pages : 5 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3043/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : HDMF AND RECOMBINANT PRODUCT FILTRATION SYSTEM

(51) International classification	:C12P 7/14, C12R 1/00	(71) Name of Applicant : 1)PATIL, BAPUSAHEB MALGONDA Address of Applicant :11/12, B, JEEVAN CO. OP. HSG. SOCIETY, RAVI INDUSTRIES COMPOUND, NAUPADA, THANE - 400 602, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	2)PATIL, VIKRANT BAPUSAHEB
(32) Priority Date	:NA	(72) Name of Inventor :
(33) Name of priority country	:NA	1)PATIL, BAPUSAHEB MALGONDA
(86) International Application No	:NA	2)PATIL, VIKRANT BAPUSAHEB
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 a filtration system characterized by a one step process for isolation and purification of biological products including recombinant products derived from High cell Density Microbial Fermentation (HDMF) but is not limited to HDMF and can be applied to other fermentation systems for separation of high value biological products.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3247/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :08/11/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : AN ADRENALINE PREFILLED SYRINGE

(51) International classification	:A61M5/28, A61K31/00	(71)Name of Applicant : 1)AGRAWAL Pawan Address of Applicant :F 22 Akash Tower Opp: Premchand Nagar Judges Bunglow Road Satellite Ahmedabad Gujarat, India.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	2)AGARWAL Zameer
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)AGRAWAL Pawan
(61) Patent of Addition to Application Number	:NA	2)AGARWAL Zameer
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The embodiment of the present invention relates an Adrenaline prefilled syringe for retaining effectiveness and enabling aseptic administration of Adrenaline. The present syringe is prefilled and does not require filing the drug from vial and so there are no chances of exposure of Adrenaline to microbial or particulate contaminants; hence there is no risk of Adrenaline getting contaminated which further avoids the risk of serious health complications. The present syringe being prefilled does not require separate handling of syringe and vials and hence there is considerable reduction in medical wastage. Hence the present syringe enables aseptic drug delivery and being contamination free, its effectiveness is retained.

No. of Pages : 16 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3368/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :25/10/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : SUSTAINABLE COLD-DISPERSIBLE PEARLESCENT CONCENTRATE

(51) International classification	:C11D 1/65, C11D 1/88	(71) Name of Applicant : 1)GALAXY SURFACTANTS LTD. Address of Applicant :C-49/2, TTC INDUSTRIAL AREA, PAWNE, NAVI MUMBAI-400 703, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)KOSHTI, NIRMAL
(33) Name of priority country	:NA	2)MHATRE, PRITESH RAJARAM
(86) International Application No	:NA	3)KALEKAR, MININDKUMAR SURESH
Filing Date	:NA	4)KSHIRSAGAR, POOJA VAIDYA
(87) 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 :

Sustainable, free-flowing, cold-dispersible pearlescent concentrates are made without using any controversial or known toxic substance. The pearling concentrates of this patent application are free of alkyl sulphates / alkyl ether sulphates, alkanol amides, alkylamidopropyl betaines, and esters of ethylene glycol. The pearly concentrates of this patent application employ super-mild surfactants to disperse vegetable plant derived 1,3-propane diol stearates. Also, these concentrates are preserved without any controversial antimicrobials such as parabens, isothiazolinones and formaldehyde releasers.

No. of Pages : 35 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1316/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :26/03/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : DEVELOPMENT OF THE PROCESS FOR 'INSTANT RICE' (READY TO USE PLAIN RICE / FLAVOURED RICE)

(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)SAI JYOTSNA L

Address of Applicant :FLAT NO. 201, AUDISHESHU
APARTMENTS, SRI RAM NAGAR, AKKARAMPALLI
ROAD, TIRUPATI - 517 507 Andhra Pradesh India

(72)Name of Inventor :

1)SAI JYOTSNA L

(57) Abstract :

A process for the preparation of Instant Rice (Ready to use Plain Rice / Flavoured Rice) with or without spices which involves the following steps. a. Washing of rice with potable water b. Soaking the washed rice in potable water c. Cooking of Rice, where the rice is cooked into variety of rice items with different spices, condiments, natural and/or nature identical and/or artificial flavours and/or colours and salt or plain rice. d. Freeze-thaw cycles, wherein the cooked and cooled rice is alternatively kept for freezing and thaw to achieve a desired texture of the rice e. Drying step, there are two types of drying methods that are employed viz., freeze drying and hot air drying / tray drying. In freeze drying method it does not require prior freeze-thaw cycle treatment whereas in hot air drying method it requires freeze-thaw treatment and f. Packaging of the final product for marketing

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.235/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :17/01/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : A SYSTEM FOR CANDIDATE AUTHENTICATION AND METHODS THEREOF

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SINGHAL, Vishal
(32) Priority Date	:NA	Address of Applicant :8/2102 GUJARATHI ROAD, COCHIN
(33) Name of priority country	:NA	682002, KERALA, INDIA
(86) International Application No	:NA	2)SINGHAL, Preeti
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SINGHAL, Vishal
(61) Patent of Addition to Application Number	:NA	2)SINGHAL, Preeti
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems and methods for candidate authentication, wherein the system comprises, a. at least one input interface; b. at least one storage interface; c. at least one request generation interface; d. at least one request communicating interface; e. at least one authenticating interface; f. at least one response processing interface; and g. at least one display interface.

No. of Pages : 27 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4603/CHE/2013 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : SYSTEM AND METHOD FOR DELIVERING GOODS AND SERVICES IN A CUSTOMER PREFERRED LOCATION

(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)Movva Tirumala Ravindra Krishna

Address of Applicant :66-2-48/C, Sri Ram Nagar,
Malkapuram Post, Visakhapatnam, 530011 Andhra Pradesh
India

(72)Name of Inventor :

1)Movva Tirumala Ravindra Krishna

(57) Abstract :

Exemplary embodiments of the present disclosure are directed towards a system and method for delivering goods/services in a customer preferred location. The system includes a web based platform corresponding to a goods/services delivering store further comprising a customer order receiving unit enabled to receive and process the orders placed by the customer, a customer order transmitting unit configured to transmit details corresponding to the order placed by the customer to a registered data communication number of the deliverers, a deliverer reply responding unit configured to receive an acknowledgement of the one or more deliverers sent from the registered contact number, a delivery assigning unit configured to assign the customer order delivery job to a deliverer depending on a response time and willingness to deliver the customer order and a feedback unit configured to receive feedback from the customers for the services provided by the store and the deliverer.

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

(54) Title of the invention : BOTTOM POURING TYPE STIR CASTING FURNACE TO FORM METAL MATRIX COMPOSITE USING ALUMINIUM / MAGNESIUM

(51) International classification	:F27D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)V. DORAI SWAMY & VENKATA RAGHAVEN DORAI SWAMY
(32) Priority Date	:NA	Address of Applicant :DOOR NO. 39, PLOT NO. 5,
(33) Name of priority country	:NA	BAJANAI KOVIL 3RD STREET, HASTHINAPURAM,
(86) International Application No	:NA	CHENNAI - 600 064 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)V. DORAI SWAMY & VENKATA RAGHAVEN DORAI SWAMY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An automatic bottom pouring stir casting furnace for melting Aluminium and/or Magnesium metal alloys provided with the various casting methods like gravity, vacuum, rotary centrifugal, squeeze and extrusion casting is provided. The bottom pouring stir casting furnace is equipped with a bottom furnace which pours the molten metal composites by the activation of a single means directly into the casting equipment while the stirring operation is still functional. The stir type casting system for Aluminium and/or Magnesium alloys arranged with the bottom pouring type furnace comprises a primary cylindrical furnace capable of heating the melt to 1000 ° C. arranged with Kanthal APM heating elements and leak proof lid, lock and valve is positioned at the bottom of the system for melting the introduced metals and capable of pouring the said molten metal composites directly into the casting equipment while the stirring process is operational. A secondary pre-heating furnace with two stage opening is positioned above the said primary furnace for pre-heating the alloy and metal granules till 900 ° C. A variable speed of up to 3000 RPM stirrer with inter-changeable blades is arranged at the top end of the system for strong stirring of the molten metal to avoid the formation of dross lying. The furnace is designed to accept the metal matrix even during the stirring process in progress. A control panel housing the electrical and electronic components for controlling the said stir casting furnace and its attachments is positioned adjacent to the said stirrer at the top of the frame. A rigid movable frame assembly fitted with wheels and brakes encloses the said furnaces, stirrer and control panel into a single enclosure system. Gas cylinders with the pre-required regulator and pipe connections supply the argon and SF6 gas for the operation of the said system and the furnace system is equipped with the mould/die castings fitted to the bottom end of the said primary cylindrical furnace for directly conveying the molten metal alloys from the furnace into the said mould/die. The die castings can be any one or combination of the gravity type, vacuum type, squeeze type, rotary centrifugal type, extrusion type casting while the furnace system with thixo casting setup is not used in combination with any of the other casting moulds.

No. of Pages : 31 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2013

(21) Application No.5051/CHE/2013 A

(43) Publication Date : 22/11/2013

(54) Title of the invention : SYSTEM AND METHOD FOR NOTIFYING A USER UPON RECEIVING COMMUNICATION ON A PHONE AND ORGANIZING THE RECEIVED COMMUNICATION

(51) International classification	:H04M1/00	(71)Name of Applicant : 1)VENKATESH Sandeep Address of Applicant :#108, 5th cross, Milk Colony, Malleshwaram, Bangalore-560055 Karnataka India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)VENKATESH Sandeep
(33) Name of priority country	:NA	2)JAGADISH Nitin
(86) International Application No	:NA	3)MANJUNATH Sunil Kumar Karehalli
Filing Date	:NA	4)SACHIDAN Bhuvan
(87) International Publication No	: NA	5)RAMAIAH Rohith
(61) Patent of Addition to Application Number	:NA	6)BALAKUNTALA Shreyas Srinivasa
Filing Date	:NA	7)SUBRAMANIAN Rajarajeswari
(62) Divisional to Application Number	:NA	8)GULLOOR Darshan Gowda Shivaramu
Filing Date	:NA	9)RAMANI Ganesh
		10)HANUMAIAH Manoj

(57) Abstract :

A system (102) for notifying a user upon receiving a communication on a phone and organizing the received communication. The system (102) is configured to enable assigning of priorities to the contacts of the user. The system (102) is further configured to determine the status of the phone and other preset parameters. Based on the priorities assigned to the contacts, the status of the phone and the logic incorporated in the system, the system (102) is configured to at least do one of, arrange the communication, notify the user upon receiving a communication, send automatic responses to communication and provide suggestions to the user of the phone.

No. of Pages : 28 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5052/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :08/11/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR AUTHENTICATION BASED ON USER PREFERENCES

(51) International classification	:G06F21/00
(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)WIPRO LIMITED
Address of Applicant :Doddakannelli, Sarjapur Road,
Bangalore 560035, Karnataka, India.
(72)**Name of Inventor :**
1)Raghavendra Hosabettu
2)Raja Sekhar Reddy Sudidhala
3)Nita Aknurwar

(57) Abstract :

This disclosure relates generally to authentication for an electronic device, and more particularly to systems and method for authentication based on user preferences. In one embodiment, an authentication method is disclosed, comprising: receiving, at the electronic device, a first input; determining a password theme based on the first input and user preferences associated with the password theme; displaying the password theme, the displayed password theme comprising a plurality of visual cues; receiving, at the electronic device, a second input comprising a sequence of visual cues selected from the visual cues; verifying the sequence of visual cues; and providing access to the electronic device based on the verification.

No. of Pages : 30 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :22/12/2012

(43) Publication Date : 22/11/2013

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

(51) International classification

:A01N

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)Bhagiradha Chemicals & Industries Limited

Address of Applicant :Plotno:3 Sagar Society Road no-2
Banjara Hills Hyderabad-500 034 Andhra Pradesh INDIA

(72)Name of Inventor :

1)Durgam vinay

2)Dr. Pardhasaradhi Malladi

(57) Abstract :

The present invention relates to the process for preparation of AZOXYSTROBIN, a fungicide of strobilurin class, widely used world over in the protection of food and fruit crops , in high yield, high purity and with cost effective catalysts.

No. of Pages : 7 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4521/CHE/2013 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : A METHOD OF CONSTRUCTING A STEEL REINFORCED WOODEN HOUSE

(51) International classification	:E04B1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Girish.H.R
(32) Priority Date	:NA	Address of Applicant :3-CM, 508, 3RD C TM MAIN, 3RD
(33) Name of priority country	:NA	BLOCK, HRBR LAY-OUT KALYAN NAGAR BANGALORE
(86) International Application No	:NA	560043 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Girish.H.R
(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 house, especially a house made of wood and/or finished components. In one embodiment this is accomplished by providing an foundation over the entire area of structure where the foundation includes concrete footings in the inferior region of each foundation corner, constructing a plurality of concrete pillars in each foundation corner, middle and interior region of foundation to acquire the MSTM andTM TTM angles, positioning L-angles at each corner concrete pillars and interior regions of foundation and T-angles are positioned in-between the corner concrete pillars of foundation, where the concrete pillars are packed with concrete, pouring the concrete over the entire are of structure and the foundation to form a concrete base and clamping the plurality of wooden planks to the appropriateTM LTM andTM TTM angles.

No. of Pages : 29 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2659/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : PROCESS FOR THE PURIFICATION OF PNEUMOCANDIN B0 FROM FERMENTATION BROTH

(51) International classification	:C12P7/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JC Biotech Pvt. Ltd
(32) Priority Date	:NA	Address of Applicant :Plot No. 3, Sagar Society, Road No 2,
(33) Name of priority country	:NA	Banjara Hills, Hyderabad-500 034, Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Naveen K. Bondalapati
(87) International Publication No	: NA	2)Murali Jaganathan
(61) Patent of Addition to Application Number	:NA	3)B.V.V. Ravindra
Filing Date	:NA	4)Sivaram prasad
(62) Divisional to Application Number	:NA	5)Vasanth Kumar
Filing Date	:NA	

(57) Abstract :

The patent is related to the process for the purification of Pneumocandin B0, a secondary metabolite obtained from fermentation of anamorphic fungi Glarea lozoyensis. Pneumocandin B0 is a key intermediate for potent antifungal drug Caspofungin Acetate.

No. of Pages : 12 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/11/2013

(21) Application No.5069/CHE/2013 A

(43) Publication Date : 22/11/2013

(54) Title of the invention : SOLAR OPERATED PELTIER UNIT ASSISTED TELEPHONE BOOTH COOLING SYSTEM

(51) International classification :F25B21/00
(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 :

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2)K. VENKADESH

3)M. VELMURUGAN

4)B. VIGNESH

5)P. YUVARAJA

6)S. JEYAKUMAR

(72)Name of Inventor :

1)M. SIVASUBRAMANIAN

2)K. VENKADESH

3)M. VELMURUGAN

4)B. VIGNESH

5)P. YUVARAJA

6)S. JEYAKUMAR

(57) Abstract :

Peltier unit can make cooling effect one side and heating effect at another side is used to cooling the air in our system. Aluminum fins and fans are attached to the plate are used to ventilate the hot air from system. System consumes solar energy from atmosphere. This system is driven by DC power battery. This entire system is best for small area cooling purpose and this is economical one. In present days, such air cooling system is more commercial and that want more vitalities. But our system consumes less energy from atmospheric itself. Our present innovation is performing a proper manner friendly with atmospheric condition.

No. of Pages : 15 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4358/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :19/10/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : PROCESS FOR PREPARATION OF AZOXYSTROBIN KEY INTERMEDIATES

(51) International classification	:C07D239/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Bhagiradha Chemicals & Industries Limited
(32) Priority Date	:NA	Address of Applicant :Plotno:3 Sagar Society Road no-2
(33) Name of priority country	:NA	Banjara Hills Hyderabad-500 034 Andhra Pradesh INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Sivarami Reddy Bonthu
(87) International Publication No	: NA	2)Durgam Vinay
(61) Patent of Addition to Application Number	:NA	3)Sai Lakshmi Bikkini
Filing Date	:NA	4)Komali Botla
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the process for preparation of Methyl 2-[2-(6-chloropyrimidin-4-yloxy)phenyl]-3 3-dimethoxypropionate and (E) Methyl 2-[2-(6-chloropyrimidine-4-yloxy) phenyl]-3-methoxypropenoate which are important intermediates in the preparation of Azoxystrobin a fungicide widely used world over in the protection of food and fruit crops.

No. of Pages : 9 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3790/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :27/08/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : A NOVEL LOW POWER SOLID STATE AUTOMATIC STREET LIGHT CONTROLLER

(51) International classification	:F21V23/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)REGULAGADDA SESA SAI RAM
(32) Priority Date	:NA	Address of Applicant :ASST. PROF. DEPT OF ECE,
(33) Name of priority country	:NA	SWARNANDHRA INSTITUTE OF ENG & TECHNOLOGY,
(86) International Application No	:NA	SEETHARAMPURAM (POST), NARSAPUR, W.G.DT. - 534
Filing Date	:NA	280 Andhra Pradesh India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)REGULAGADDA SESA SAI RAM
Filing Date	:NA	2)TENNETI MADHU
(62) Divisional to Application Number	:NA	3)SATRASALA RAMESH BABU
Filing Date	:NA	

(57) Abstract :

The present invention provides a novel very low power, solid state automatic street light controller. The device automatically turns the street lights ON and OFF based on the day light conditions. The sensitivity of the device can also be adjusted to pre-set the ON/OFF conditions of the streetlight. It operates with 220V AC supply and is capable of driving loads up to 10 KW. The controller consumes a very low power of 250mW only and provides compact solution at a very low cost. This is useful to control both area lighting and sign boards individually or as a group.

No. of Pages : 10 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2657/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF 3-(α)-METHOXY METHYLENEBENZOFURANONE

(51) International classification	:A01N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Bhagiradha Chemicals & Industries Limited
(32) Priority Date	:NA	Address of Applicant :Plotno:3, Sagar Society, Road no-2,
(33) Name of priority country	:NA	Banjara Hills, Hyderabad-500 034, Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Vinay Durgam
(87) International Publication No	: NA	2)Bonthusiavrami reddy
(61) Patent of Addition to Application Number	:NA	3)Sailakshmi Bikkini
Filing Date	:NA	4)Komali Botla
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the process for preparation of 3-(α)-methoxy methylenebenzofuranone, which is an important intermediate in the preparation of Azoxystrobin, a fungicide widely used world over in the protection of food and fruit crops..

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2658/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 22/11/2013

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

(51) International classification	:C07D239/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Bhagiradha Chemicals & Industries Limited
(32) Priority Date	:NA	Address of Applicant :Plotno:3, Sagar Society, Road no-2,
(33) Name of priority country	:NA	Banjara Hills, Hyderabad-500 034, Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Vinay Durgam
(87) International Publication No	: NA	2)Sai lakshmi Bikkini
(61) Patent of Addition to Application Number	:NA	3)Komali Botla
Filing Date	:NA	4)Sivarami reddy bonthu
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the process for preparation of Methyl 2-[2-(6-chloropyrimidin-4-yloxy)phenyl]-3,3-dimethoxypropionate and (E) Methyl 2-[2-(6-chloropyrimidine-4-yloxy) phenyl]-3-methoxypropenoate, which are important intermediates in the preparation of Azoxystrobin, a fungicide widely used world over in the protection of food and fruit crops

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4800/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :24/10/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF METHYL 2-[2-(6-CHLOROPYRIMIDIN-4-YLOXY)PHENYL]-3-METHOXYPROPANOATE

(51) International classification	:C07C255/00
(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)Bhagiradha Chemicals & Industries Limited
Address of Applicant :Plotno:3, Sagar Society, Road no-2,
Banjara Hills, Hyderabad-500 034, Andhra Pradesh India
(72)**Name of Inventor :**
1)Vinay Durgam
2)Sai lakshmi Bikkini
3)Komali Botla

(57) Abstract :

This invention relates to the preparation of Methyl 2-[2-(6-chloropyrimidin-4-yloxy)phenyl]-3-methoxypropanoate, more economically with non-recyclable or recyclable catalyst, which can be reused without losing its activity, where the said compound in turn reacts with 2-hydroxybenzonitrile to produce Azoxystrobin, a fungicide of strobilurium class.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5070/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :11/11/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : A SPHERICAL OBJECT FOR FACILITATING MULTI DIRECTION PROPULSIONS

(51) International classification	:H02K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SRI RANGA PRASAD MADDI
(32) Priority Date	:NA	Address of Applicant :MADDI SRI RANGA PRASAD, S/O:
(33) Name of priority country	:NA	MADDI VENKATA CHANDRA SEKHAR, D.NO: 15/320, ING
(86) International Application No	:NA	VYSYA BANK LTD., KCV SPECTRUM, BRUNDHAVANAM,
Filing Date	:NA	NELLORE - 524 002 Andhra Pradesh India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SRI RANGA PRASAD MADDI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Exemplary embodiment of the present disclosure is directed towards a spherical object for facilitating multi direction propulsion. The spherical object includes a spherical rotor configured to provide a freedom of rotation with respect to the surrounding magnetized directions, a spherical stator positioned at the center of the spherical rotor statically by one or more non elastic strings and one or more poles distributed over inner surface of the spherical rotor and the outer surface of the spherical stator configured to face each other to form a pole pair and generate an electro magnetic field with respect to the ground.

No. of Pages : 23 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5074/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :11/11/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR OFFLINE CHARACTER RECOGNITION

(51) International classification	:G06K9/00
(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)WIPRO LIMITED
Address of Applicant :Doddakannelli, Sarjapur Road,
Bangalore 560035, Karnataka, India.
(72)**Name of Inventor :**
1)Magesh Kasthuri

(57) Abstract :

This disclosure relates generally to text recognition, and more particularly to systems and methods for offline character recognition. In one embodiment, a character recognition method executed on an electronic device is disclosed, the method comprising: receiving, at the electronic device, an image representing a character including one or more first strokes; determining a set of first parameters associated with each of the one or more first strokes; comparing, for each of the one or more first strokes, the associated set of first parameters with a plurality of stored sets of second parameters, wherein each of the plurality of stored second strokes is associated with a stored set of second parameters; identifying a second stroke, from among the plurality of stored second strokes, corresponding to each of the one or more first strokes based on the comparison; and identifying the character based on the identified one or more second strokes.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3749/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :24/08/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF ETHYL-2,3-DICYANO PROPIONATE

(51) International classification	:A01N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Bhagiradha Chemicals & Industries Limited
(32) Priority Date	:NA	Address of Applicant :Plotno:3, Sagar Society, Road no-2,
(33) Name of priority country	:NA	Banjara Hills, Hyderabad-500 034, Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Vinay Durgam
(87) International Publication No	: NA	2)Sailakshmi Bikkini
(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 the process for preparation of 3-(a)-methoxy methylenebenzofuranone, which is an important intermediate in the preparation of Azoxystrobin, a fungicide widely used world over in the protection of food and fruit crops.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4894/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :30/10/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : SYSTEM AND METHOD FOR MODELING OF TARGET INFRASTRUCTURE FOR ENERGY MANAGEMENT IN DISTRIBUTED-FACILITIES

(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)WIPRO LIMITED
Address of Applicant :Doddakannelli, Sarjapur Road,
Bangalore 560035, Karnataka, India.
(72)**Name of Inventor :**
1)Sudipta Ghosh
2)Ravi Meghani
3)Subhasis Mandal
4)Rohit Srivastava

(57) Abstract :

This disclosure relates to modeling of target infrastructure for energy amangement in distributed-facilities. In one embodiment, an energy management modeling method is disclosed, comprising: obtaining customer facility information and a customer business type; obtaining energy management industry standard information related to the customer business type; generating a baseline customer knowledge base, based on the obtained energy management industry standard information; obtaining facility historical operational information and operational policy information; generating a first energy operational model using the customer facility information, the baseline customer knowledge base, the facility historical operational information, and the operational policy information; generating a mapping of energy sources to asset systems, using the first energy operational model; generating an optimized energy operational model using the mapping of the energy sources to asset systems, wherein the optimized energy operational model utilizes an objective function of cost, energy consumption, and emission; and providing the optimized energy operational model.

No. of Pages : 38 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1220/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :28/10/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : APPARATUS FOR DETECTION OF SPOROZOAL INFECTION IN SILK MOTH AND METHODOLOGY THEREFOR

(51) International classification	:C12G3/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING

Address of Applicant :PLOT - E2/1, BLOCK-GP, SECTOR-V, SALT LAKE ELECTRONICS COMPLEX, BIDHAN NAGAR, KOLKATA-700 091, West Bengal India

(72)Name of Inventor :

1)AKULI, AMITAVA

2)PAL, ABHRA

3)DEY, TAMAL

4)BHATTACHARYYA, NABARUN

5)KANJILAL, RABINDRANATH

6)SANKAR, RAVI

7)SURYAKANT

(57) Abstract :

An apparatus (A) for detection of sporozoal infection in silk moth is disclosed. It comprises a first unit (5.0) having a nozzle and a stage. At least a first pair of stepper motors are suitably coupled with the apparatus to control the vertical movement of the nozzle and at least a second pair of stepper motors are suitably coupled with the apparatus for perfect positioning of the stage on which the silk moth slide sample to be photographed and examined is placed. A data processing device is operatively connected to the apparatus as a second unit (15.01). A methodology for detection of sporozoal infection in silk moth is also disclosed.

No. of Pages : 43 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1117/KOL/2013 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : A NOVEL MICROCONTROLLER BASED POWER MEASURING APPARATUS CAPABLE OF FUNCTIONING IN POLLUTED

(51) International classification	:H02H3/08
(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)SARKAR, PROF. GAUTAM
Address of Applicant :B/21, BAGHAJATIN PARK
HOUSING SOCIETY, KOLKATA - 700 094, WEST BENGAL,
INDIA.
2)BERA, DR. JITENDRA NATH
(72)Name of Inventor :
1)SARKAR, PROF. GAUTAM
2)BERA, DR. JITENDRA NATH

(57) Abstract :

To overcome complications and difficulties confronting the existing power measuring procedures, the present invention provides a novel microcontroller based power measuring apparatus capable of functioning in polluted environment, operating particularly by estimating each harmonic power component from a cluster of harmonics from sample of its voltage and current signals, comprising in combination: a. power supply source (1) , which can be any standard AC supply; b. potential divider (3), which divides the supply potential at the supply voltage level to the equipment sensitivity level (mv or fraction thereof) with some predefined division factor; c. current transformer / shunt (4), wherein the current transformer is employed in order to sense the load current, and a shunt may be used in lieu thereof; d. the signal conditioning circuit for potential (5), meant for reducing and/or eliminating the high frequency noises, which is a low pass filter with anti- aliasing circuit; e. signal conditioning circuit for current with gain (6), which is similar to (5) in (d), with an additional feature of gain amplifier in order to enhance the sensitivity of the load current with the anti-aliasing circuit; f. dual channel digitisation circuit (7), which is a sigma-delta analogue to digital converter, or ADC in order to digitise the input analogue signal; g. microcontroller for processing of signal and data (8), which acquires samples of the ADC for voltage and current signals and performs all the necessary functionalities required to estimate various parameters like voltage, current, active power, reactive power, frequency and the like; h. memory for processing and storing data (9), which is required for storing the estimated value in respect of different instances of time, along with various calibration parameters; i. real time clock or RTC (10), which provides parameters of various states with regard to real time and date and is interfaced with the microcontroller (8) so that real time and date can be read and set; j. communication module (11) is meant for transmitting or taking out data stored in the memory of the microcontroller (MC) to the outside world or vice versa; k. display (visual and / or audio) (12), normally an alpha numeric LCD or LED display is attached to the measurement unit in order to present local display of different parameters; l. keyboard (13) is provided for setting and visualising purpose and m. non-volatile memory for data storage (14), which is similar to memory (9) mentioned in (h), but is an optional feature.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1179/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :16/10/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : MICROBIAL CONSORTIUM FOR NITRATE AND PHOSPHATE SEQUESTRATION FOR ENVIRONMENTAL SUSTENANCE

(51) International classification	:C12N1/20	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RAY CHAUDHURI, Shaon
(32) Priority Date	:NA	Address of Applicant :D/O Dr Dipali Ray Chaudhuri,
(33) Name of priority country	:NA	Bimaldeep, 188/1 Michael Madhusudhan Dutta Road, New
(86) International Application No	:NA	Barrackpur, Janakalyan Para, Kolkata- 700131, West Bengal India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RAY CHAUDHURI, Shaon
(61) Patent of Addition to Application Number	:NA	2)MUKHERJEE, Indranil
Filing Date	:NA	3)THAKUR, Ashoke Ranjan
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a microbial consortium, capable of sequestering phosphate and nitrate, comprising bacterial strains selected from the group consisting of Bacillus sp MCC0008, Bacillus sp MCC2071 and Bacillus sp MCC2059, for environmental protection and sustenance. The present invention further provides a method of treatment of wastewater effluent by treating the wastewater effluent with a microbial consortium comprising a plurality of bacterial strains, capable of sequestering nitrogen and phosphate. The present invention further provides to use a biomass with sequestered phosphate and nitrate as biofertilizer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1180/KOL/2013 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHOD AND SYSTEM OF A DYNAMIC AND STABILITY CONTROL MECHANISM FOR A REAR OPEN WHEEL DIFFERENTIAL DRIVEN CAR

(51) International classification

:B60T13/16

(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)SAHIL SANKALP

(57) Abstract :

The present invention relates to a method and system of a dynamic and stability control mechanism for a rear open wheel differential driven car, controlled by manual steering wheel input with only one electronic switch to start or shut the system. More particularly, it's relating to a method and system for improving vehicle handling and stability by the coordinated control of power steering system and brake system. The present invention does not requires any type of limited slip differentials, which generally comes at a higher expense than the components used in the present invention. Using of the present invention with any car can avoid adverse dynamic situations, like understeer, oversteer and slip which could lead to accidents.

No. of Pages : 23 No. of Claims : 10

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.1046/DEL/2012 A
(19) INDIA
(22) Date of filing of Application :04/04/2012 (43) Publication Date : 22/11/2013

(54) Title of the invention : COMBINED CYCLE POWER PLANT

(51) International classification	:F03B	(71)Name of Applicant :
(31) Priority Document No	:13/086119	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:13/04/2011	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)ROGERS, DAVID LEE
(87) International Publication No	:NA	2)CHILLAR, RAHUL JAIKARAN
(61) Patent of Addition to Application Number	:NA	3)HOSKIN, ROBERT FRANK
Filing Date	:NA	4)MESTRONI, JULIO ENRIQUE
(62) Divisional to Application Number	:NA	5)NENMENI, VIJAY RAGHAVENDRAN
Filing Date	:NA	

(57) Abstract :

A combined cycle power plant (10) is provided and includes a gas turbine engine (20) to generate power, a heat recovery steam generator (HRSG) (30) to produce steam from high energy fluids produced from the generation of power in the gas turbine engine (20), a steam turbine -engine (40) to generate additional power from the steam produced in the HRSG (30) and a thermal load reduction system to reduce thermal loading of components of the HRSG (30) and/or the steam turbine engine (40) during at least startup and/or part load operations, which includes an eductor assembly (50) by which a mixture of compressor discharge air and entrained fluids removed from the HRSG (30) or entrained tank air is injectable into the HRSG (30) and/or used to treat a superheater upstream from the steam turbine engine (40).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2914/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : HETEROPHASIC POLYPROPYLENE RESIN WITH LONG CHAIN BRANCHING

(51) International classification	:C08J
(31) Priority Document No	:09013646.6
(32) Priority Date	:29/10/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/006596
Filing Date	:28/10/2010
(87) International Publication No	:WO 2011/050963
(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 :IZD TOWER,
WAGRAMERSTRASSE 17-19, A-1220 WIEN, AUSTRIA.

(72)Name of Inventor :

1)KATJA KLIMKE

2)PETAR DOSHEV

3)SUSANA FILIPE

4)ANH TUAN TRAN

(57) Abstract :

Heterophasic polypropylene resin having a MFR (2.16 kg, 230 °C) of at least 1.0 g/10min, determined according to ISO 1133, comprising a propylene random copolymer matrix phase (A), and an ethylene-propylene copolymer rubber phase (B) dispersed within the matrix phase, wherein the heterophasic polypropylene resin has a fraction soluble in p-xylene at 25 °C (XCS fraction) being present in the resin in an amount of 15 to 45 wt% whereby the XCS fraction has an ethylene content of 25 wt% or lower, and a fraction insoluble in p-xylene at 25 °C (XCU fraction), said heterophasic polypropylene resin being characterised by a strain hardening factor (SHF) of 1.7 to 4.0 when measured at a strain rate of 3.0 s⁻¹ and a Hencky strain of 3.0.

No. of Pages : 48 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2915/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : CODING METHODS AND APPARATUS FOR BROADCAST CHANNELS

(51) International classification :H04L
(31) Priority Document No :61/251,606
(32) Priority Date :14/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/052371
Filing Date :12/10/2010
(87) International Publication No :WO 2011/046962
(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 :INTERNATIONAL IP
ADMINISTRATION, 5775 MOREHOUSE DRIVE, SAN
DIEGO, CALIFORNIA 92121-1714, U.S.A.
(72)Name of Inventor :
1)XINZHOU WU
2)CYRIL MEASSON
3)NILESH KHUDE
4)JUNYI LI

(57) Abstract :

Methods and apparatus related to selecting and/or using different coding methods for a broadcast channel are described. The coding method to be used is selected as a function of an estimated level of congestion. Various methods and apparatus are well suited for use in peer to peer wireless communications systems including broadcast peer discovery channels. A wireless communications device, e.g., a mobile terminal supporting peer to peer signaling, detects peer discovery signals from other devices and estimates a level of congestion. The wireless communications device selects one of a plurality of alternative coding methods as a function of the estimated level of congestion. Two different coding methods which may be used, in some embodiments, vary in at least one of: coding rate, convolution code used, and amount of resources used. The wireless device transmits information indicating the selected coding method and coded peer discovery data in accordance with the selected coding method.

No. of Pages : 46 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2916/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : WATER PURIFICATION SYSTEM

(51) International classification	:B01D 61/02
(31) Priority Document No	:2009137417
(32) Priority Date	:05/10/2009
(33) Name of priority country	:Russia
(86) International Application No	:PCT/RU2010/000491
Filing Date	:08/09/2010
(87) International Publication No	:WO 2011/043692
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ELECTROPHOR, INC.
Address of Applicant :145 PALISADE STREET, DOBBS
FERRY, NY 10522, U.S.A.

(72)**Name of Inventor :**
1)SERGEY VICTOROVICH SMIRNOV
2)VADIM NIKOLAEVICH KNIZEL
3)NIKOLAY YAKOVLEVICH GOROHOV
4)JOSEPH L VOVICH SHMIDT

(57) Abstract :

The inventions relate to means for purifying water, primarily drinking water, and can be used in domestic water purification systems. The claimed filtered water storage unit for the storage device of a water purification system comprises a housing, an elastic chamber disposed therein for filtered water, and a region for pressurizing untreated water, which is defined between the wall of the chamber and the wall of the housing. The elastic chamber is made of a modified biaxially oriented thermoplastic elastomer and consists of a chamber body and neck, formed as a single piece, the neck being rigidly secured in the housing. The water purification system comprises a reverse osmosis membrane, a clean water discharge pipe, an overflow into a drain, a clean water tap, and a storage device comprising a filtered water storage unit and a hydro-automatic unit. In a first embodiment of a system with a storage device, the outlet of the controlled chamber of a valve for controlling pressurization of the water is associated with the water pressurizing region in the housing of the water storage unit, and the input of the controlling chamber of a valve for controlling drainage is associated with the clean water discharge pipe upstream of the tap, wherein the valve for controlling pressurization of the water is normally open and the valve for controlling drainage is normally closed. The claimed water purification system is highly reliable and provides a high quality of purified water.

No. of Pages : 44 No. of Claims : 32

(54) Title of the invention : METHOD AND APPARATUS REDUCING MALWARE DETECTION INDUCED DELAY

(51) International classification :G06F 21/00
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :PCT/SE2009/051269
 Filing Date :06/11/2009
 (87) International Publication No :WO 2011/056109
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
 Address of Applicant :SE-164 83 STOCKHOLM (SE).
 Sweden
 (72)**Name of Inventor :**
1)KATARDJIEV, VLADIMIR
2)ERIKSSON, GORAN

(57) Abstract :

Methods and apparatuses for network 10 based malware detection in an interrelated autonomous network access module 120 and network proxy 220 pair, where the network access module 120 is comprised within a mobile device 100. A file request from an end-user to the network 10 is intercepted, and a request is then sent both to a remote web server 30 and to a malware scanner server 30. When the malware scanning is finished, a notification is sent to the network access module 120, who have then received most or all of the requested file. The network access module 120 then manages the mobile device s 100 access to the file contingent upon the nature of the received notification.

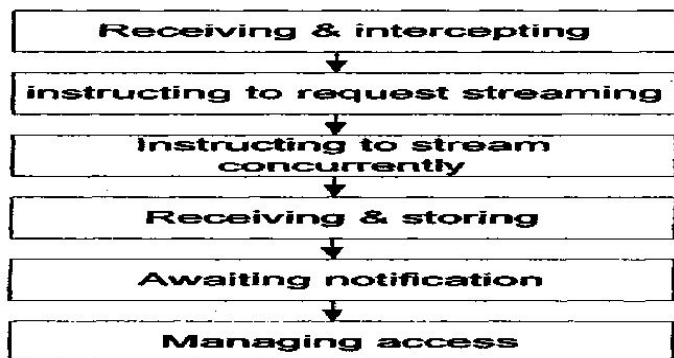


Figure 4 a

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

(54) Title of the invention : A SYSTEM AND METHOD FOR AGGRESSIVE SELF-MODIFICATION IN DYNAMIC FUNCTION CALL SYSTEMS

(51) International classification :G06F 21/00
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :PCT/CA2009/001430
 Filing Date :08/10/2009
 (87) International Publication No :WO 2011/041871
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)IRDETO CANADA CORPORATION

Address of Applicant :2500 SOLANDT ROAD, SUITE 300, OTTAWA, ONTARIO K2K 3G5 (CA). Canada

(72)Name of Inventor :

1)LIEM, CLIFFORD

(57) Abstract :

Embodiments of the invention provide a system and method for software obfuscation for transforming a program from a first form to more secure form that is resistant to static and dynamic attacks. In an embodiment, the method utilizes a sophisticated pre-analysis step to comprehend the function-call structure, the function-call layout, and the entire function call graph of the program, in order to determine strategic points in the program for changing the program. The method provides resistance to static attacks by transforming the original function-call layout to a new layout. In an embodiment changing the layout may include changing the function boundaries. The method also provides resistance to static attacks by transforming the original function-call structure to a new structure to be able to self modify as the transformed program executes in memory. In an embodiment, changing the function-call structure may include modifying when and how functions are called, and/or choosing random paths of execution that lead to the same result. The transformed program is semantically equivalent to the original program but is more resistant to static and dynamic attacks.

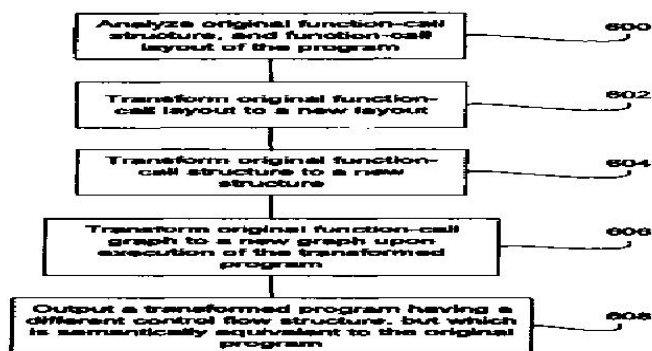


Figure 6

No. of Pages : 36 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2922/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : SYSTEM AND METHOD FOR TREATING BIOMASS

(51) International classification :C13K 13/00
(31) Priority Document No :2009-219362
(32) Priority Date :24/09/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/066575
Filing Date :24/09/2010
(87) International Publication No :WO 2011/037194
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)IHI CORPORATION
Address of Applicant :1-1, TOYOSU 3-CHOME, KOTO-KU,
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2)TOKYO INSTITUTE OF TECHNOLOGY
(72)Name of Inventor :
1)SATO, KENJI
2)NARIAI, KENTARO
3)KITANO, MAKOTO
4)KANEKO, NORIMITSU
5)HARA, MICHIKAZU
6)YAMAGUCHI, DAIZO

(57) Abstract :

A biomass treatment apparatus (A) is constituted by a pressurized hot water reaction apparatus (1) in which pressurized hot water is used, biomass is hydrolyzed under first reaction conditions that provide for decomposition of hemicellulose so as to generate a first polysaccharide solution including xylooligosaccharides, and then the biomass is hydrolyzed under second reaction conditions that provide for decomposition of cellulose to generate a second polysaccharide solution including cellooligosaccharides, a first catalysis apparatus (2) in which the first polysaccharide solution that flows out from the pressurized hot water reaction apparatus (1) is hydrolyzed using a solid acid catalyst so as to generate a first monosaccharide solution including xylose, and a second catalysis apparatus (3) in which the second polysaccharide solution that flows out from the pressurized hot water reaction apparatus (1) is hydrolyzed using a solid acid catalyst so as to generate a second monosaccharide solution including glucose.

No. of Pages : 29 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2923/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : RETRANSMISSION TECHNIQUES IN WIRELESS NETWORKS

(51) International classification	:H04L
(31) Priority Document No	:12/587,842
(32) Priority Date	:13/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/048779
Filing Date	:14/09/2010
(87) International Publication No	:WO 2011046697
(61) 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
BOULEVARD, SANTA CLARA, CALIFORNIA 95052, U.S.A.
(72)**Name of Inventor :**
1)LI, QINGHUA
2)OYMAN, OZGUR
3)LIN, XINTIAN

(57) Abstract :

Retransmission techniques are disclosed. These techniques may be used in networks employing contention-based access schemes, such as CSMA. For instance, a device may receive a corrupted packet from a transmitting device, and determine a cause of the corruption. When the determined cause of the corruption is an in-netwbrk packet collision, the device allows the transmitting device to send a retransmission of the packet in accordance with a contention-based access scheme. However, when the determined cause of the corruption is other than an in-network packet collision, the device provides retransmission assistance to the transmitting device. This retransmission assistance may include a channel reservation for a retransmission, and/or one or more link adaptation suggestions for the transmitting device.

No. of Pages : 26 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1051/DEL/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : REMOTE USER INPUT

(51) International classification	:G06F
(31) Priority Document No	:11161393.1
(32) Priority Date	:06/04/2011
(33) Name of priority country	:EPO
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Address of Applicant :295 PHILLIP STREET, WATERLOO,
ONTARIO, CANADA N2L 3W8. Canada
(72)**Name of Inventor :**
1)KALU ONUKA KALU

(57) Abstract :

Systems and methods on a handheld electronic device (102), such as a Smartphone, that receive human interface device input (302, 310), performs text entry processing functions on that input to determine text display characters to present to a user (304), presents those text display characters on the handheld electronic device (102), and sends data (308) reflecting the user s input through a conventional human interface device (HID) interface to a remote device (130). Text entry processing, such as auto-complete, auto-correct, predictive text entry, that a user configures on one device can be used for text entry on any device with a conventional HID interface. The user s input is reflected on both the handheld electronic device (120) used to enter the input and also on a display (132) of the remote device (130).

No. of Pages : 38 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2930/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : CERAMIC COMPOSITE MATERIALS CONTAINING CARBON NANOTUBE-INFUSED FIBER MATERIALS AND METHODS FOR PRODUCTION THEREOF

(51) International classification	:C04B	(71)Name of Applicant :
(31) Priority Document No	:61/263,804	1)APPLIED NANOSTRUCTURED SOLUTIONS, LLC
(32) Priority Date	:23/11/2009	Address of Applicant :2323 EASTERN BLVD.,
(33) Name of priority country	:U.S.A.	BALTIMORE, MD 21220, U.S.A.
(86) International Application No	:PCT/US2010/057916	(72)Name of Inventor :
Filing Date	:23/11/2010	1)SHAH TUSHAR K.
(87) International Publication No	:WO 2011/063422	2)MALECKI HARRY C.
(61) Patent of Addition to Application Number	:NA	3)CARSON MURRAY N.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In various embodiments, composite materials containing a ceramic matrix and a carbon nanotube-infused fiber material are described herein. Illustrative ceramic matrices include, for example, binary, ternary and quaternary metal or non-metal borides, oxides, nitrides and carbides. The ceramic matrix can also be a cement. The fiber materials can be continuous or chopped fibers and include, for example, glass fibers, carbon fibers, metal fibers, ceramic fibers, organic fibers, silicon carbide fibers, boron carbide fibers, silicon nitride fibers and aluminum oxide fibers. The composite materials can further include a passivation layer overcoating at least the carbon nanotube-infused fiber material and, optionally, the plurality of carbon nanotubes. The fiber material can be distributed uniformly, non-uniformly or in a gradient manner in the ceramic matrix. Non-uniform distributions may be used to form impart different mechanical, electrical or thermal properties to different regions of the ceramic matrix.

No. of Pages : 58 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2931/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : CNT-INFUSED FIBERS IN THERMOSET MATRICES

(51) International classification	:B64C	(71)Name of Applicant :
(31) Priority Document No	:61/263,806	1)APPLIED NANOSTRUCTURED SOLUTIONS, LLC
(32) Priority Date	:23/11/2009	Address of Applicant :2323 EASTERN BLVD.,
(33) Name of priority country	:U.S.A.	BALTIMORE, MD 21220, U.S.A.
(86) International Application No	:PCT/US2010/057919	(72)Name of Inventor :
Filing Date	:23/11/2011	1)SHAH TUSHAR K.
(87) International Publication No	:WO 2011/063423	2)MALECKI HARRY C.
(61) Patent of Addition to Application	:NA	3)MARKKULA SAMUEL J.
Number	:NA	4)ALBERDING MARK R.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A structural support includes a cylindrical core, an inner layer within the core and an outer layer. The inner and outer layers include CNT-infused fiber materials in a thermoset matrix. A composite includes a thermoset matrix and a CNT-infused fiber material having CNTs with lengths between about 20 to about 500 microns or about 0.1 to about 15 microns. For the latter range, CNTs are present between about 0.1 to about 5 percent by weight of the composite. A method of making a structural support includes wet winding a first CNT-infused fiber about a cylindrical mandrel in a direction substantially parallel to the mandrel axis, wet winding a baseline layer about the first CNT-infused fiber at an angle substantially non-parallel to the mandrel axis, and wet winding a second CNT-infused fiber about the baseline layer in a direction substantially parallel to the mandrel axis.

No. of Pages : 65 No. of Claims : 27

(54) Title of the invention : APPARATUS INCLUDING AT LEAST ONE REMOTE-CONTROLLED AIR GUN

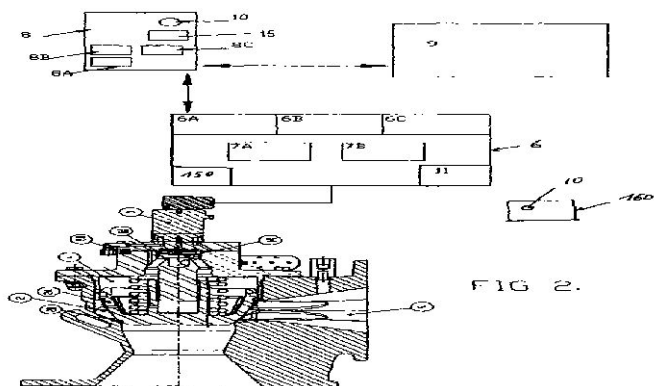
(51) International classification	:B64D 88/70
(31) Priority Document No	:09/04929
(32) Priority Date	:14/10/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/000653
Filing Date	:01/10/2010
(87) International Publication No	:WO 2011/045481
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
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 Address of Applicant :139-141, RUE DU LUXEMBOURG,
 F-59100 ROUBAIX, FRANCE.

(72)Name of Inventor :
1)SIMOENS, HERVE

(57) Abstract :

The invention relates to an apparatus including at least one air gun producing deflagrations that result from the quick opening of a main valve (2) by the movement of a piston which, moving away from the seat thereof, allows the flow of so-called working air built-up under pressure in a vessel, the opening of said valve being actuated by an electric control module (6) located on or directly adjacent to the air gun controlled by an order generator (8) generating automatic firing orders, said apparatus being characterised in that the electric control module (6) includes a wireless communication unit made up of a receiver (7A) and a transmitter (7B) for communicating with a remote order generator (8), said order generator being provided with a means for transmission (8A) and reception (8B) for bidirectional wireless communication with the control module (6) and a manual firing control (10).



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

(54) Title of the invention : DEVICE FOR PRODUCING A BOOK BLOCK

(51) International classification	:F16B	(71)Name of Applicant :
(31) Priority Document No	:10 2011	1)KUGLER-WOMAKO GMBH
(32) Priority Date	006 896.1	Address of Applicant :SCHLOSSERSTR. 15, NURTINGEN
(33) Name of priority country	:06/04/2011	72622 (DEL). Germany
(86) International Application No	:Germany	(72)Name of Inventor :
Filing Date	:NA	1)MULLER, MARKUS
(87) 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 device is described for producing a book block, which is composed of layers of sheets connected to one another and creased along a crease line forming a crease edge, with a stack forming station (40), which in a stack forming area (48) assembles creased sheets, provided with glue on their first outside, to form a stack for forming a book block and an abutting means (42) delimiting the stack forming area (48) for holding the stack and a pressing device with at least one pressing means (60), which is embodied to generate pressure on the top of the stack in order to press the stack against the abutting means (42). The special feature of the invention lies in that during the generation of pressure on the top of the stack, the pressing means (60) can be moved along the top of the stack through the stack forming area (48) at the same time, and the stack forming station (40) has an alignment device (44), which aligns a creased sheet with its first outside provided with adhesive to the abutting means (42) and thus to a sheet or stack already held on the abutting means (42), wherein the pressing device is furthermore embodied such that the pressing means (60) generates pressure on the second outside of each creased sheet after this sheet has been aligned by the alignment device (44) with its first outside provided with adhesive to the abutting means (42) and thus to the stack held on the abutting means (42), in order to press this sheet against the stack.

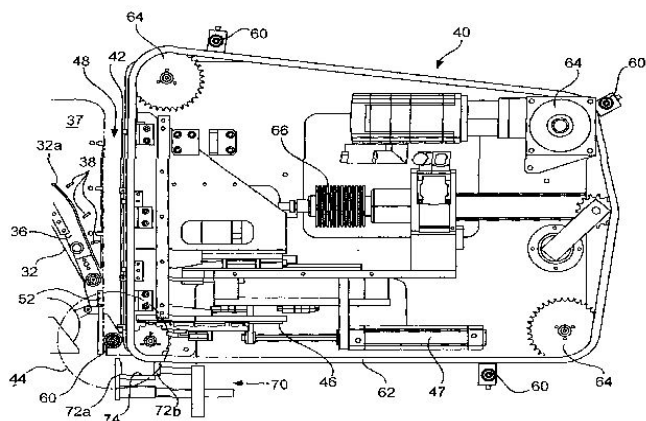


Fig. 3

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

(54) Title of the invention : METHOD AND SYSTEM FOR SHARING DIGITAL MEDIA CONTENT

(51) International classification :G06F 3/00
 (31) Priority Document No :61/241,276
 (32) Priority Date :10/09/2009
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2010/048462
 Filing Date :10/09/2010
 (87) International Publication No :WO 2011/031994
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)OPENTV, INC.

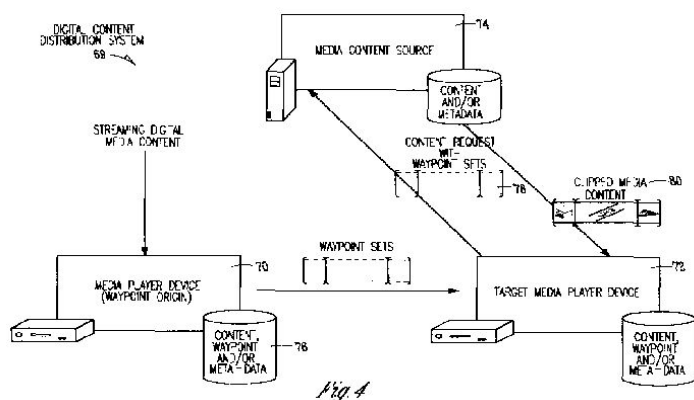
Address of Applicant :275 SACRAMENTO STREET, SAN FRANCISCO, CALIFORNIA 94111 U.S.A.

(72)Name of Inventor :

1)CHAI, CRX K.**2)FISHMAN, ALEX**

(57) Abstract :

Methods and systems for generating and sharing media clips are described. Consistent with some embodiments, while a selection of digital media content (e.g., a movie, television program, audio track, and so on) is being presented at a media player, a user creates one or more sets of waypoints (e.g., time markers) that define the boundaries (e.g., beginning and end) of one or more media clips. These waypoints are communicated from one media player device to another, enabling the receiving media player device to retrieve and play back the media clips from a source other than the media player device where the waypoints were generated.



No. of Pages : 43 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2935/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : PROCESS FOR PREPARING A PHENYLALANINE DERIVATIVE

(51) International classification :C07C 231/12
(31) Priority Document No :61/253,638
(32) Priority Date :21/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/065710
Filing Date :19/10/2010
(87) International Publication No :WO 2011/048091
(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.K.
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(72)Name of Inventor :
1)ADAMS, JOSEPH, PAUL
2)KURODA, TORU
3)MATSUMAE, HIROAKI
4)STRACHAN, JOHN, BRYCE
5)YAGI, NOBUHIRO

(57) Abstract :

A novel process for the preparation of a phenylalanine derivative of formula (I):

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2936/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHOD OF QUANTIFYING TARGET ORGANISMS AND CREATING RENIFORM RESISTANT COTTON PLANTS

(51) International classification :C12Q 1/68
(31) Priority Document No :61/250,235
(32) Priority Date :09/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/052157
Filing Date :11/10/2010
(87) International Publication No :WO 2011/044550
(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 :800 NORTH LINDBERGH
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U.S.A.
(72)**Name of Inventor :**
1)BHATTI, MUHAMMAD
2)CANTRELL, ROY, G.
3)HENDRIX, BILL, L.
4)KOHLFELD, PATSY, L.
5)WU, KUNSHENG
6)XIAO, JINHUA

(57) Abstract :

The present invention is in the field of plant breeding and disease resistance. More specifically, the invention includes methods for assaying a location to determine the amount of pest infestation, or assaying a plant for its ability to resist infection, and using this information to make agronomic treatment and/or breeding decisions. The invention also provides methods for breeding cotton plants containing one or more quantitative trait loci that are associated with resistance to reniform nematode infection. The invention further includes germplasm and the use of germplasm containing quantitative trait loci (QTL) conferring reniform resistance as a source of reniform resistant alleles for introgression into elite germplasm in a breeding program, thus producing novel elite germplasm comprising one or more reniform resistance loci.

No. of Pages : 205 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1056/DEL/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : Heat Exchanger

(51) International classification	:F24F
(31) Priority Document No	:13/087,032
(32) Priority Date	:14/04/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)General Electric Company
Address of Applicant :1 River Road Schenectady New York
12345 U.S.A.
(72)**Name of Inventor :**
1)BALISTA Alex Banis
2)KAWASAKI Nelson Yugi
3)LOPES Pedro Francis
4)YABIKU Renato Motohide

(57) Abstract :

A heat exchanger (30) is provided and includes a housing (40) disposed proximate to a heat source (20) the housing (40) having sidewalls (41) forming an enclosure a baffle (43) defining in the enclosure a ventilation circuit (45) thermally communicative with the heat source (20) and central walls (44) defining a main channel (46) bisecting the ventilation circuit (45) along which cooling media flows and a tube (60) extending through a bisected portion of the ventilation circuit (45) and fluidly coupled to the main channel (46) and a housing exterior (460) to direct the cooling media from the main channel (46) through the bisected portion of the ventilation circuit (45) and to the housing exterior (460).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1057/DEL/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : Systems Methods And Apparatus For Maintaining Stable Conditions Within A Power Grid

(51) International classification	:H05K	(71)Name of Applicant :
(31) Priority Document No	:13/090657	1)General Electric Company
(32) Priority Date	:20/04/2011	Address of Applicant :1 River Road Schenectady New York
(33) Name of priority country	:U.S.A.	12345 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)FLYNN Byron
(87) International Publication No	: NA	2)CAIRD Kenneth James
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems (100) methods (300) and apparatus for maintaining stable conditions within a power grid (110) are provided. A local device (105) that includes one or more computer processors (161) may identify (315) one or more power sources (115) associated with a structure. The local device (105) may additionally monitor (320) one or more parameters associated with a power grid (110) configured to supply power to the structure. Based at least in part on the monitoring the local device (105) may identify (325) a power grid (110) fluctuation. Based at least in part on the identification of the power grid (110) fluctuation the local device (105) may adjust (330) operation of at least one power source (115) included in the one or more identified power sources (115).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2938/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : COMPOSITION FOR IMPROVING LACTATION

(51) International classification :A61K 36/48

(31) Priority Document No :61/240,336

(32) Priority Date :08/09/2009

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

(86) International Application No :PCT/CA2010/001398

Filing Date :08/09/2010

(87) International Publication No :WO 2011/029183

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)ANCIENT FORMULAS INC.,

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KANSAS, 67204 U.S.A.

(72)Name of Inventor :

1)PEARSON, WENDY

2)AGHAKHANI, GOHLAM ABBAS

(57) Abstract :

Disclosed is a novel composition effective to improve lactation and milk production in an animal. In some embodiments the composition comprises a fiber-depleted fraction derived from fenugreek in combination with additives that synergistically improve the effective of the composition. Additives that enhance the effect of the fenugreek fraction can include apple cider vinegar, fennel seed powder, saw palmetto berry extract, kelp powder, and methylsulfonylmethane.

No. of Pages : 35 No. of Claims : 8

(54) Title of the invention : DEVICE AND METHOD FOR INSPECTING A FILTER FOR AN EXTRACORPOREAL BLOOD TREATMENT DEVICE

(51) International classification :A61M
 (31) Priority Document No :10 2009 048 920.7
 (32) Priority Date :10/10/2009
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2010/006013
 Filing Date :01/10/2010
 (87) International Publication No :WO 2011/042137
 (61) 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

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(72)Name of Inventor :

1)KOPPERSCHMIDT, PASCAL

2)BOCKLET, CHRISTOPH

(57) Abstract :

The invention relates to a device and a method for inspecting a filter for an extracorporeal blood treatment device, in particular a filter (13, 14) for filtering dialysis fluid for an extracorporeal blood treatment device. The inspection of the filter according to the invention is based on the measurement of the flow potential before and after changing the fluid flow of an electrolytic fluid, in particular a dialysis fluid or permeate, between a transversal flow through the semi-permeable membrane of the filter and a longitudinal flow along the semi-permeable membrane of the filter, or vice versa. Changing the flow direction of the electrolytic fluid results in a change to the conductivity proceeding from a base value P to a higher value P2 or a lower value P1, wherein the conductivity readjusts to the base value P after a certain time interval T1, T2. An improper state of the filter is determined on the basis of the change in conductivity after changing the flow direction of the electrolytic fluid.

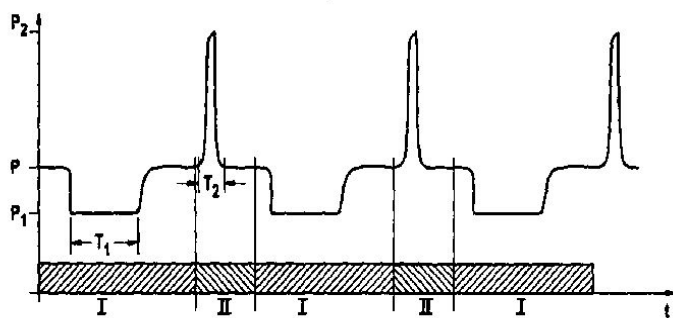


Fig. 2

No. of Pages : 27 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2944/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHOD FOR TREATING THE SURFACE OF A DEVICE FOR DISPENSING A FLUID PRODUCT

(51) International classification	:C08J 7/16
(31) Priority Document No	:0959479
(32) Priority Date	:23/12/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/052888
Filing Date	:22/12/2010
(87) International Publication No	:WO 2011/077055
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)VALOIS S.A.S.

Address of Applicant :B.P.G, LE PRIEURE, F - 27110 LE NEUBOURG, FRANCE.

(72)Name of Inventor :

1)BRUNA, PASCAL

2)LAURENT, MATTHIEU

3)NEKELSON, FABIEN

4)ROUSSEL, SEBASTIEN

5)TESSIER, LORRAINE

(57) Abstract :

A treatment method for treating the surface of a fluid dispenser device, said method comprising the step of using chemical grafting to form a thin film on at least one support surface of at least one movable portion of said device that is movable while said device is being actuated, said thin film having anti-friction properties.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2945/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : SELECTIVELY SEALABLE MALE NEEDLELESS CONNECTORS AND ASSOCIATED METHODS

(51) International classification :A61M 39/10

(31) Priority Document No :61/239,913

(32) Priority Date :04/09/2009

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

(86) International Application No :PCT/US2010/047898

Filing Date :03/09/2010

(87) International Publication No :WO 2011/029056

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)B. BRAUN MELSUNGEN AG

Address of Applicant :CARL-BRAUN-STRASSE 1, 34212
MELSUNGEN GERMANY.

(72)Name of Inventor :

1)BONNAL OLIVIER

2)FUCHS JUERGEN

3)KATERKAMP ANDREAS

(57) Abstract :

The various embodiments include a tubular member having an outlet. A sealing member provides a selective seal over the outlet. When the male connector is connected to a female connector, the tubular member establishes fluid communication between the connectors. In certain embodiments, fluid communication between the connectors may be interrupted even while the connectors are still connected. When the male connector is disconnected from the female connector, the sealing member reestablishes a seal over the outlet.

No. of Pages : 75 No. of Claims : 18

(54) Title of the invention : WIRELESS POWER TRANSMISSION SYSTEM AND WIRELESS POWER TRANSMISSION APPARATUS

(51) International classification :H02J 17/00
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :PCT/JP2009/067563
 Filing Date :08/10/2009
 (87) International Publication No :WO 2011/042974
 (61) 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, LTD.

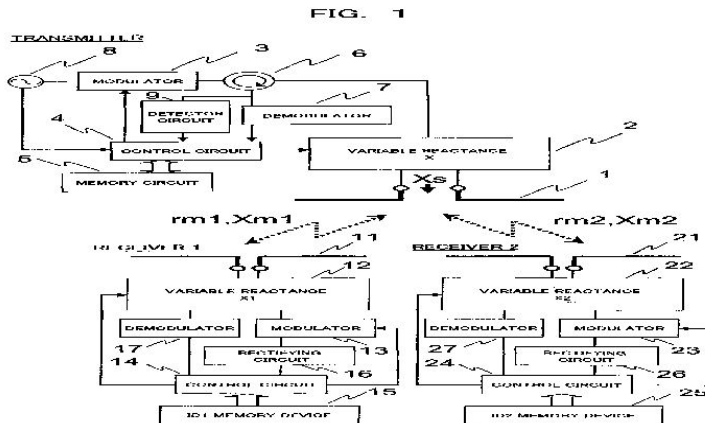
Address of Applicant :6-6, MARUNOUCHI 1-CHOME, CHIYODA-KU, TOKYO, JAPAN.

(72)Name of Inventor :

1)TAKEI KEN

(57) Abstract :

A wireless power transmission system is a system essentially includes a small number of transmitters and a large number of receivers having unique IDs, in which the transmitter collectively controls variable reactance inside the transmitter and the receiver by using the same ID so as to perform one-to-multiple power transmission. Specifically, aiming to achieve the one-to-multiple wireless power transmission system capable of adaptively controlling a power transmission efficiency, the transmitter registers a unique ID transmitted by the receiver, and requests the receiver to report on power reception state for each ID, thereby collectively controlling variable reactance inside the transmitter and the receiver according to the content of the report so that the power transmission efficiency inside the system is dynamically optimized.



No. of Pages : 73 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2947/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : SURGICAL CLIP

(51) International classification	:A61B 17/12
(31) Priority Document No	:2009-008627
(32) Priority Date	:04/12/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/071078
Filing Date	:26/11/2010
(87) International Publication No	:WO 2011/068073
(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)ACP JAPAN CO., LTD.
(72)**Name of Inventor :**
1)NAKAMURA SHOICHI

(57) Abstract :

The present invention is to offer such a surgical clip enabling to be attached to and detached from safely and easily even without using a forceps. The surgical clip according to this invention has a clipping portion 20 having a pair of feet 11A, 11B for holding an object, a crossed portion 30 of the feet 11A, 11B crossing each other, and a gripper 40 coupling the crossing feet 11A, 11B in loop and releasing the clipping portion by gripping on its outside. . Further, this surgical clip 10 has a balancer 50 connecting to the gripper 40.

No. of Pages : 18 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/08/2012

(21) Application No.7205/DELNP/2012 A

(43) Publication Date : 22/11/2013

(54) Title of the invention : ENERGY STORAGE AND GENERATION SYSTEMS □

(51) International classification :H02J
(31) Priority Document No :61/297,853
(32) Priority Date :25/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2011/000099
Filing Date :24/11/2011
(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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4)Nina TRAVITSKY

5)Yaron KONRA

6)Ido TSAMIR

7)Vladimir ZEL

8)Kobby SAADI

9)Meital ALON

10)Roy GORENSHTEIN

(57) Abstract :

This disclosure relates to energy storage and generation systems e.g. combination of flow battery and hydrogen fuel cell that exhibit operational stability in harsh environment e.g. both charging and discharging reactions in a regenerative fuel cell in the presence of a halogen ion or a mixture of halogen ions. This disclosure also relates to energy storage and generation systems that are capable of conducting both hydrogen evolution reactions (HERs) and hydrogen oxidation reactions (HORs) in the same system. This disclosure further relates to energy storage and generation systems having low cost fast response time and acceptable life and performance.

No. of Pages : 60 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1047/DEL/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : ONLINE MONITORING SYSTEM AND METHOD TO IDENTIFY SHORTED TURNS IN A FIELD WINDING OF A ROTOR

(51) International classification	:H02B
(31) Priority Document No	:13/084115
(32) Priority Date	:11/04/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345, U.S.A.
(72)**Name of Inventor :**
1)BEATTY, KEITH FRANKLIN

(57) Abstract :

A method for analyzing electrical shorts in field windings of a synchronous machine having a rotor using a magnetic flux probe, the method includes: monitoring flux signals generated by the flux probe wherein the flux signals are indicative of magnetic flux emanating from the field windings; electronically storing flux data obtained from the monitored flux signals and indicative of electrical shorts in the field windings; automatically analyzing the stored flux data to identify field windings having the shorts and to count the shorts in each identified field winding, and automatically displaying information identifying the field windings with shorts and a number of shorts in each field winding.

No. of Pages : 41 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1048/DEL/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : MACHINE FOR PRODUCING BOOKS, IN PARTICULAR PHOTO BOOK AND/OR ILLUSTRATED BOOKS

(51) International classification

:F16B

(31) Priority Document No

:10 2011

(32) Priority Date

006 905

(33) Name of priority country

:06/04/2011

(86) International Application No

:Germany

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)KUGLER-WOMAKO GMBH

Address of Applicant :SCHLOSSERSTR. 15, NUTRINGEN

72622 (DE). Germany

(72)Name of Inventor :

1)MULLER, MARKUS

(57) Abstract :

A machine (2) is described for producing books, in particular photo books and/or illustrated books with a sheet web dispensing station (22) for dispensing a sheet web moved in its longitudinal direction, printed and/or coated and/or phototechnically processed on one side and provided with print marks and/or print job codes, a cross-cutting station (21) arranged downstream of the sheet web dispensing station (21), a grooving and creasing station (22) arranged downstream of the cross-cutting station for the central grooving and creasing of the sheets crosswise to their direction of movement, a laminating station (22) for the flat connection of several consecutive creased sheets to one another, a three-side cutting station (23), a book cover supply station (24) for supplying and feeding a respectively predetermined individual book cover for the respective book block, a joining station (25) downstream of the three-side cutting station for joining a book block and an assigned book cover and a dispensing station (26) for dispensing the completed books (14), preferably to a downstream packing machine.

No. of Pages : 53 No. of Claims : 35

(54) Title of the invention : METHOD FOR IMPREGNATING A HIGH VOLTAGE INSULATION OF A WINDING BAR

(51) International classification

:H02K

(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)ALSTOM TECHNOLOGY LTD

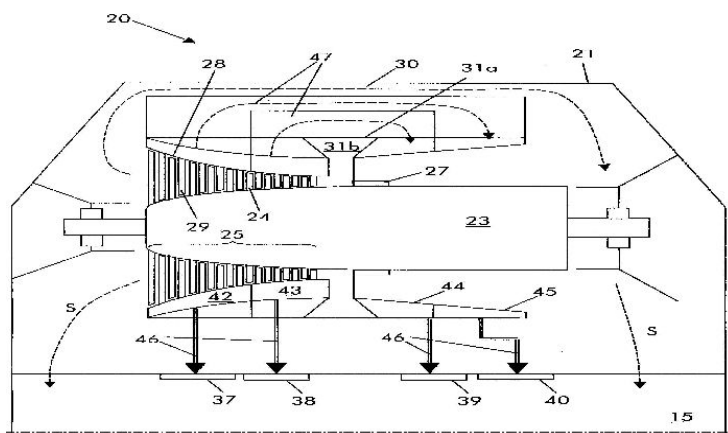
Address of Applicant :BROWN BOVERI STRASSE 7, CH-5400 BADEN, SWITZERLAND

(72)Name of Inventor :

1)DAVID PAUL BLATCHFORD**2)ANDREW MARTIN DIESCH****3)DAVID LLOYD BELL****4)SUYOG SIDRAM GHODAKE**

(57) Abstract :

The method for retrofitting a double flow steam turbine (1) comprises: opening an outer casing (21) of the steam turbine (1), removing the blade carriers (5, 6) and the stator blades (7, 8), removing the inner casing (11a) with inlet belt (11b), removing the double flow rotor (2) and the rotor blades (3, 4). Thus, the method comprises the further steps of providing a new single flow rotor (23) and new rotor blades (24) different from the rotor blades (3, 4) connected to the double flow rotor (2), providing balancers connected to the single flow rotor (23), to balance the axial thrust, providing new stator blade carriers (28) and new stator blades (29) different from the stator blades (7, 8) associated to the double flow rotor (2), providing a new inner casing (31a) with inlet belt (31b), providing a passage (30) between the inner casing (31a) and the outer casing (21), closing the outer casing (21).



No. of Pages : 17 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.770/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :18/03/2011

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHODS AND SYSTEM FOR PROCESSING ATLEAST A PHOTOVOLTAIC DEVICE

(51) International classification

:H01L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SOMONT GmbH

Address of Applicant :Im Brunnenfeld 8 Umkirch Germany

(72)Name of Inventor :

1)RICHTER Andr

(57) Abstract :

Disclosed are methods and system for producing atleast a photovoltaic device with atleast a protective member. The method comprises the steps of: applying selectively atleast a protective member for atleast partially covering the photovoltaic device, leaving open atleast a contact area on atleast the photovoltaic device, placing atleast an electrical conduct on atleast the open contact area, applying atleast a coupling material to atleast the open contact area of the photovoltaic device as to couple atleast the electrical conduct with atleast the photovoltaic device. The protective member is an electrical insulator which is attached to a light sensitive surface of the photovoltaic device.

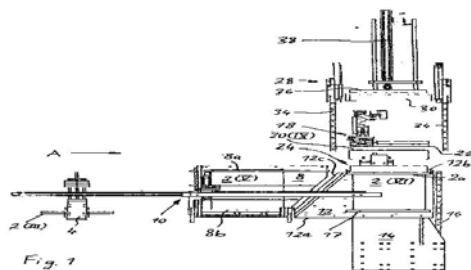
No. of Pages : 19 No. of Claims : 12

(54) Title of the invention : DEVICE FOR JOINING BOOK BLOCK AND BOOK COVER

(51) International classification	:F16B	(71)Name of Applicant :
(31) Priority Document No	:10 2011	1)KUGLER-WOMAKO GMBH
(32) Priority Date	006 901	Address of Applicant :SCHLOSSERSTR. 15, NURTINGEN
(33) Name of priority country	:06/04/2011	72622 (DE). Germany
(86) International Application No	:Germany	(72)Name of Inventor :
Filing Date	:NA	1)MULLER, MARKUS
(87) 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 device is described for joining book block (2) and book cover (20), with a conveyor device (14), which is embodied to lift a book block (2) essentially aligned upright with its spine (2a) in front from a lower position (VI) into an upper position (X), an adhesive application station (24) for applying adhesive to the outsides of the book block (2), wherein the first conveyor device (14) and the adhesive application station (24) are embodied and arranged with respect to one another such that the adhesive application station (14) applies adhesive to the outsides of the book block (2), while the first conveyor device (14) moves the book block (2) upwards through the adhesive application station (24), a feeding station (18), which is embodied to arrange a book cover (20) in a spread out flat form at an angle to the vertical, preferably approximately horizontally, above the adhesive application station (24) and to align it such that the first conveyor device (14) moves the book block (2) after leaving the adhesive application station (24) with its spine against the underside of the book cover (20) so that the spine (2a) of the book block (2) comes to bear against a center section (20b) of the book cover (20) dividing the book cover (20) into two halves (20c), a joining station (28) arranged above the adhesive application station (24), which is embodied with continued upward movement of the book block by the conveyor device (14) into the upper position (X) to cause an adhesion of the book cover (20) with its two halves (20c) on the two sides of the book block and a removal station (50) which is embodied to remove the book block (2) provided with the book cover (20). The special feature of the invention lies in that the removal station (50) is arranged below the adhesive application station (24), the conveyor device (14) is further embodied to subject the book block (2) provided with the book cover (20), after it reaches the joining station (28), essentially to a reversal of the direction of movement and to lift and lower it essentially in the same vertical plane (Z) between the lower position (VI) and the upper position (X), and the adhesive application station (24) is further embodied to deactivate the dispensing of adhesive during the downward movement of the book block (2) provided with the book cover (20).



No. of Pages : 25 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2909/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : MULTI-STREAM SPECTROPHOTOMETER MODULE

(51) International classification :G01N 21/32

(31) Priority Document No :61/249,707

(32) Priority Date :08/10/2009

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

(86) International Application No :PCT/US2010/051964

Filing Date :08/10/2010

(87) International Publication No :WO 2011/044453

(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)ROBIN FORTT

2)COLIN STEEL

3)VICTOR SAMPER

4)MARKO BALLER

(57) Abstract :

A multi-stream optical interrogation flow cell for a radiopharmaceutical includes a multiple flow cell body defining a first elongate fluid flowpath therethrough for individually conducting a radiopharmaceutical therethrough in fluid isolation from other of the flow cell bodies. Each flow cell body further defines a first and second aligned UV transparent optical guides and a first interrogation passageway extending between the first and second optical guides such that a portion of the elongate first fluid flowpath intersects the interrogation passageway such that the radiopharmaceutical flows in between the first and second optical guides. The first and second interrogation passageways of all of the flow cell bodies are optically aligned so that a single interrogation beam is able to extend through each of the interrogation passageways.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.859/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :29/03/2011

(43) Publication Date : 22/11/2013

(54) Title of the invention : A NOVEL STIFFENER SHEET FOR INDUSTRIAL APPLICATIONS AND A PROCESS FOR THE PREPARATION THEREOF

(51) International classification

:E04G

(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)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH

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(72)Name of Inventor :

1)UMMADISETTY VENKATESWARLU

2)THOTAPALLI PARVATHALESWARA SASTRY

3)RANGANATHAN MOHAN

4)BHABENDRANATH DAS

5)BOREDDY SIVARAMI REDDY

6)ASIT BARAN MANDAL

(57) Abstract :

A novel stiffener sheet disclosed in the invention is characterized essentially by proteinous component, thereby offering an eco-benign alternative for the conventionally available polymeric stiffener. The product exhibits resilience in the range of 74-78%. The stiffener of the invention is envisaged to have enormous application in footwear industry as counter stiffener and toe puff for providing adequate support to the heel and toe portion respectively of a shoe or a boot in retaining shape. The product of the invention is also likely to have application in consumer goods as well as apparel industry as reinforcement.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1676/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :19/07/2010

(43) Publication Date : 22/11/2013

(54) Title of the invention : INSECT REPELLENT COMPOSITION AND PROCESS OF PREPARATION THEREOF

(51) International classification

:A01N

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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Address of Applicant :MINISTRY OF DEFENCE, GOVT. OF INDIA, DRDO BHAWAN, RAJAJI MARG, NEW DELHI 110011 INIDA

(72)Name of Inventor :

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2)TIKAR, SACHIN NARAYANRAO

3)GAUTAM, ANSHOO

4)PRAVIN KUMAR

5)PARASHAR, BRAMHA DUTTA

6)VIJAY VEER

7)SHRI PRAKASH

8)VIJAYARAGHAVAN, RAJAGOPALAN

(57) Abstract :

The present invention provides an insect repellent composition comprising N, N diethyl phenyl acetamide (DEPA), aloe vera gel, glycerine, an antimicrobial agent and other excipients for human use against flying, biting and blood sucking insects. The present invention also provides a process for the preparation of the insect repellent composition. The insect repellent composition can be used during working in open filed or in a forest at day without use of electricity. The composition is highly effective and has no harmful side effects on humans.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2925/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : CNT-TAILORED COMPOSITE SEA-BASED STRUCTURES

(51) International classification :B64C 1/00
(31) Priority Document No :61/263,807
(32) Priority Date :23/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/057923
Filing Date :23/11/2011
(87) International Publication No :WO 2011/126519
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)APPLIED NANOSTRUCTURED SOLUTIONS, LLC
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2)ALBERDING MARK R.
3)MALECKI HARRY C.
4)MARKKULA SAMUEL J.
5)HUGHES JOHN ANTHONY
6)KLINE SHAWN C.

(57) Abstract :

An apparatus having a composite sea-based structure with a first carbon nanotube infused material and a second carbon nanotube infused material. The first and second carbon nanotube infused materials each having a range of carbon nanotube loading selected to provide different functionalities.

No. of Pages : 46 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2926/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : CNT-TAILORED COMPOSITE AIR-BASED STRUCTURES

(51) International classification :B64C 1/00
(31) Priority Document No :61/263,807
(32) Priority Date :23/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/057921
Filing Date :23/11/2010
(87) International Publication No :WO 2011/126518
(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 :2323 EASTERN BLVD.,
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1)SHAH TUSHAR K.
2)ALBERDING MARK R.
3)MALECKI HARRY C.
4)MARKKULA SAMUEL J.
5)HUGHES JOHN ANTHONY
6)KLINE SHAWN C.

(57) Abstract :

An apparatus having a composite air-based structure with a first carbon nanotube infused material and a second carbon nanotube infused material. The first and second carbon nanotube infused materials each having a range of carbon nanotube loading selected to provide different functionalities.

No. of Pages : 49 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2927/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : CNT-TAILORED COMPOSITE LAND-BASED STRUCTURES

(51) International classification :B64C 1/00
(31) Priority Document No :61/263,807
(32) Priority Date :23/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/057920
Filing Date :23/11/2010
(87) International Publication No :WO 2011/126517
(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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4)MARKKULA SAMUEL J.
5)HUGHES JOHN ANTHONY
6)KLINE SHAWN C.

(57) Abstract :

An apparatus having a composite land-based structure with a first carbon nanotube infused material and a second carbon nanotube infused material. The first and second carbon nanotube infused materials each having a range of carbon nanotube loading selected to provide different functionalities.

No. of Pages : 49 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2954/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : PLGF-1 IN HOMODIMERIC FORM

(51) International classification	:C12N
(31) Priority Document No	:09169873.8
(32) Priority Date	:09/09/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2010/063217
Filing Date	:09/09/2010
(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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(72)Name of Inventor :

1)D TMANNIBALLE Gaetano

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3)SALVIA Giuseppe

(57) Abstract :

The present invention relates to a new homodimeric form of recombinant PLGF-1, to a process for its preparation and to compositions containing it.

No. of Pages : 41 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4757/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : DETERGENT COMPOSITIONS CONTAINING THERMOBIFIDA FUSCA AND METHODS OF USE THEREOF

(51) International classification :C11D 3/386

(31) Priority Document No :61/288,666

(32) Priority Date :21/12/2009

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

(86) International Application No :PCT/US2010/060253

Filing Date :14/12/2010

(87) International Publication No :WO 2011/084412

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)DANISCO US INC.

Address of Applicant :925 PAGE MILL ROAD, PALO ALTO, CA 94304, U.S.A.

(72)Name of Inventor :

1)ADAMS CHRISTIAN

2)SCHMIDT BRIAN

(57) Abstract :

The present compositions and methods relate to a lipase cloned from Thermobifida fusca, polynucleotides encoding the lipase, and methods of use thereof. The compositions and methods have particular application in detergent cleaning compositions and methods.

No. of Pages : 69 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.759/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :18/03/2011

(43) Publication Date : 22/11/2013

(54) Title of the invention : MOTOR DIRECT-DRIVE TRANSMISSION MECHANISM FOR SEWING MACHINE

(51) International classification	:D05B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)KAULIN MFG. CO. LIMITED
(32) Priority Date	:NA	Address of Applicant :11F, NO. 128, SEC. 3, MIN-SHEN E.
(33) Name of priority country	:NA	RD., TAIPEI, TAIWAN (R.O.C.)
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)LIN, PEI-CHIA
(87) 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 transmission mechanism for a sewing machine having a base (81) and an upper arm (82) includes an upper axle structure (10), a motor (20), a lower axle structure (30), a shuttle structure (40), a transmission element (50) and a gear set (60). The upper axle structure (10) is longitudinally disposed in the upper arm (82). The motor (20) is fixed on one side of the base (81) and having a driving spindle (21). The lower axle structure (30) is disposed in the base (81) and has a lower axle (31) connected to and synchronized with the driving spindle (21). The shuttle structure (40) is disposed in the base (81) and beside the lower axle (31) and has a shuttle axle (41). The transmission element (50) is connected between the upper axle structure (10) and the lower axle structure (30). The gear set (60) is engaged between the shuttle axle (41) and the lower axle (31).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2895/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : PI3 KINASE INHIBITORS AND USES THEREOF

(51) International classification	:A61K 38/00
(31) Priority Document No	:61/240,947
(32) Priority Date	:09/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/048317
Filing Date	:09/09/2010
(87) International Publication No	:WO 2011/031896
(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)JUSWINDER SINGH

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6)ZHENDONG ZHU

7)LIXIN QIAO

8)KEVIN KUNTZ

(57) Abstract :

The present invention provides compounds, compositions there of, and methods of using the same.

No. of Pages : 779 No. of Claims : 415

(12) PATENT APPLICATION PUBLICATION

(21) Application No.865/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :29/03/2011

(43) Publication Date : 22/11/2013

(54) Title of the invention : PURGING OR VENTILATION SYSTEM AND CONTROL UNIT OR APPARATUS FOR INCREASED SAFETY AND NON-SPARKING MOTORS FOR EXPLOSIVE GAS AND DUST ATMOSPHERES

(51) International classification	:H02K	(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)VISHWAKARMA RAJENDRA KUMAR
(61) Patent of Addition to Application Number	:NA	2)SINGH ARVIND KUMAR
Filing Date	:NA	3)AHIRWAL BHAGIRATH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a control unit and purging system for pre-start purging of motor enclosure for the increased safety and non-sparking motors to prevent the explosion due to the danger of potential air gap sparking of cage rotor and potential stator winding discharge at the time of motor starting. The invention consists of a motor enclosure, connecting pipes, air filter, solenoid valves for inlet and vent, manual vent valve, inlet pressure regulator, differential pressure switch, time delay relays for motor purging time and motor starting time, a venturie flow meter, a purge switch, a power switch to the control panel, a power supply, a selector switch for purging time, a selector switch for motor starting time, and an explosion proof box for control panel components.

No. of Pages : 13 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2917/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : ERGONOMIC CAPSULE EXTRACTION DEVICE

(51) International classification	:A47J 31/36
(31) Priority Document No	:09172187.8
(32) Priority Date	:05/10/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/064773
Filing Date	:05/10/2010
(87) International Publication No	:WO 2011/042401
(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)LARZUL, DAVID

2)BAUDET, PATRICK

3)JACCARD, ALAIN

4)RITHENER, BLAISE

(57) Abstract :

A device (1) for receiving an ingredient cartridge (2) and extracting the ingredient by passing heated liquid through the cartridge, comprises: a cartridge seat (10) that has an open configuration for receiving and/or removing a cartridge from such device and a closed configuration for extracting the ingredient; and a force generation means (46) for assisting a closure or opening movement of the cartridge seat. The force generation means can be associated with a dampening means (47, 48) for dampening the closure or opening movement of the cartridge seat when assisted by the force generating means. The device can have a user-movable handle (41) that is associated with an end-of-stroke feed-back means (50) for providing a corresponding feed-back to a user actuating the handle.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1058/DEL/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : Systems And Method For Transmitting Data In An Advanced Metering Infrastructure

(51) International classification	:G01D	(71)Name of Applicant :
(31) Priority Document No	:13/089,631	1)General Electric Company
(32) Priority Date	:19/04/2011	Address of Applicant :1 River Road Schenectady New York
(33) Name of priority country	:U.S.A.	12345 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BOOT John Christopher
(87) International Publication No	: NA	2)REE Bradley Richard
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A SYSTEM (200) FOR TRANSMITTING DATA IN AN ADVANCED METERING INFRASTRUCTURE (AMI) IS PROVIDED. THE SYSTEM INCLUDES AN AMI NETWORK (110) CONFIGURED TO COMMUNICATE BY TRANSMITTING DATA VIA A PLURALITY OF PHYSICAL COMMUNICATION MEDIA THAT INCLUDE AT LEAST A FIRST PHYSICAL COMMUNICATION MEDIUM AND A SECOND PHYSICAL COMMUNICATION MEDIUM AND A PLURALITY OF METERS (206 208 210 212). EACH OF THE PLURALITY OF METERS ARE CONFIGURED TO SELECT A PHYSICAL COMMUNICATION MEDIUM FROM THE FIRST PHYSICAL COMMUNICATION MEDIUM AND THE SECOND PHYSICAL COMMUNICATION MEDIUM BASED AT LEAST IN PART ON AN OPERATIONAL STATE OF THE FIRST PHYSICAL COMMUNICATION MEDIUM AND AN OPERATIONAL STATE OF THE SECOND PHYSICAL COMMUNICATION MEDIUM AND COMMUNICATE WITH THE AMI NETWORK VIA THE SELECTED PHYSICAL COMMUNICATION MEDIUM.

No. of Pages : 27 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1059/DEL/2012 A

(43) Publication Date : 22/11/2013

(54) Title of the invention : A Welded Component A Welded Gas Turbine Component And A Process Of Welding A Component

(51) International classification	:F03B	(71)Name of Applicant :
(31) Priority Document No	:13/089,719	1)General Electric Company
(32) Priority Date	:19/04/2011	Address of Applicant :1 River Road Schenectady New York
(33) Name of priority country	:U.S.A.	12345 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CUI Yan
(87) International Publication No	: NA	2)FENG Ganjiang
(61) Patent of Addition to Application Number	:NA	3)KOTTLINGAM Srikanth
Filing Date	:NA	4)LIN Dechao
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A welded component a welded gas turbine component and a process of welding a component are disclosed. The welded component includes a first alloy a second alloy and a weld positioned between the first alloy and the second alloy. The weld is formed by a first shim and a second shim being beam welded.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4150/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : IMPROVED FORMULATIONS

(51) International classification	:C12P
(31) Priority Document No	:0918150.4
(32) Priority Date	:16/10/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2010/065569
Filing Date	:15/10/2010
(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 :

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SWITZERLAND

(72)Name of Inventor :

1)MUELLER-WALZ Rudi

2)FUEG Lise-Marie

(57) Abstract :

IN A METERED DOSE INHALER COMPRISING A CANISTER AND METERING VALVE CONTAINING A SUSPENSION AEROSOL FORMULATION COMPRISING PARTICLES OF FORMOTEROL FUMARATE DIHYDRATE AND FLUTICASONE PROPIONATE SUSPENDED IN AN HFA PROPELLANT A METHOD OF REDUCING DEPOSITION OF PARTICLES ON THE SURFACES OF THE CANISTER AND THE METERING VALVE THE METHOD COMPRISING THE STEP OF ADDING A WETTING AGENT TO THE FORMULATION.

No. of Pages : 31 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(21) Application No.869/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :29/03/2011

(43) Publication Date : 22/11/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF MEMBRANE ELECTRODE ASSEMBLIES (MEAS)

(51) International classification

:H01M

(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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2)ULHAS KANHAIYALAL KHARUL

3)SREEKUMAR KURUNGOT

4)HARSHAL DILIP CHAUDHARI

5)SREEKUTTAN MARAVEEDU UNNI

6)BIPINLAL, UNNI

7)HUSAIN NOMAN KAGALWALA

(57) Abstract :

PBI-based MEAs for high temperature Polymer Electrolyte Membrane Fuel Cell (PEMFC) were prepared by direct hot pressing of catalyst layer on Teflon sheets on to both sides of phosphoric acid doped PBI membrane (decal transfer). These MEAs show two times higher performance compared to the MEAs prepared by normal brush coating method on GDL at an operating temperature of 160 °C.

No. of Pages : 14 No. of Claims : 9

(54) Title of the invention : AUTOMATIC TEST SYSTEM FOR DIGITAL DISPLAY SYSTEMS

(51) International classification :G06F
 (31) Priority Document No :11425088.9
 (32) Priority Date :04/04/2011
 (33) Name of priority country :EPO
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No :NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)AGUSTAWESTLAND S.P.A.Address of Applicant :520, VIA GIOVANNI AGUSTA,
FRAZIONE CASCINA COSTA, SAMARATE, ITALY.

(72)Name of Inventor :

1)SILVA ANTONIO

(57) Abstract :

The present invention relates to an automatic test system (1) for a digital display system (2), which digital display system (2) comprises display electronics (21) configured to output a digital video stream, and a display screen (22) connected to the display electronics (21) to receive the digital video stream generated thereby and to display at least one image based on the received digital video stream. The automatic test system (1) is designed to be connected to the digital display system (2) to receive the digital video stream generated by the display electronics (21), and is configured to: reconstruct in memory an image based on the received digital video stream; compute a signature of the reconstructed-in-memory image; and test the digital display system (2) by comparing the computed signature with a reference signature so as to thereby check whether the reconstructed-in-memory image completely matches an expected good display behaviour, wherein said reference signature is indicative of said expected good display behaviour.

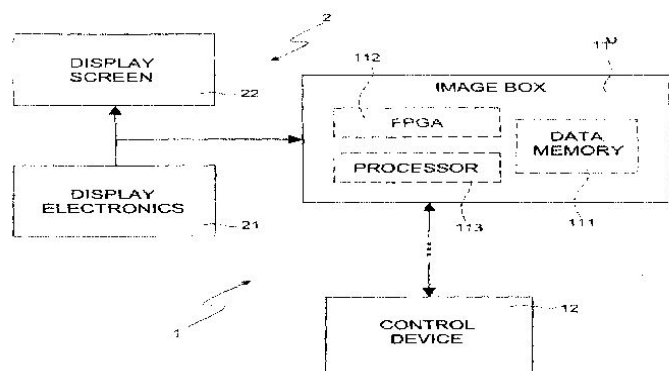


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1053/DEL/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : SIGNALLING SYSTEM

(51) International classification	:H04N
(31) Priority Document No	:2011-084995
(32) Priority Date	:07/04/2011
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HITACHI, LTD.

Address of Applicant :6-6, MARUNOUCHI 1-CHOME,
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(72)Name of Inventor :

1)MAEKAWA KEIJI

2)IMAMOTO KENJI

3)SHIBATA NAOKI

4)NISHINO TAKAYOSHI

5)WATANABE DAI

(57) Abstract :

In order to implement one block between two stations traditionally, tokens are used that are valid only between specified stations. However, tokens are physical objects and needed to be dealt with at a station by a station officer and a motorman. This was a cause of expense in time and effort and impossibility to address the increased number of trains. Computerizing the token can reduce the works of the motormen and station officers. However, for example, there is a danger that a train may depart without having received the token. Moreover, human errors involving mistakenly recognizing directions, which causes, for example, travelling without returning from a station where the train should have returned after receiving the token, or vice versa. Where the token has not been received, an onboard controller that controls the train to apply the brake so that the departure thereof is prevented is installed on the train. A ground apparatus, when it transmits the token to the train, transmits information of direction in which the token is valid. The onboard controller, when receiving the token, also receives the direction, and applies the brake when the train moves in a reverse direction of the direction designated in the received information, to prevent travelling of the train in the direction in which it is not allowed to travel.

No. of Pages : 29 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2951/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : MODULATORS OF G PROTEIN-COUPLED RECEPTOR 88

(51) International classification :C07D 207/40
(31) Priority Document No :61/250,229
(32) Priority Date :09/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/051614
Filing Date :06/10/2010
(87) International Publication No :WO 2011/044225
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)BRISTOL-MYERS SQUIBB COMPANY

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(72)Name of Inventor :

1)DZIERBA CAROLYN DIANE

2)HARTZ RICHARD A.

3)BI YINGZHI

4)AHUJA VIJAY T.

5)BRONSON JOANNE J.

6)CARSON KENNETH

7)CIANCHETTA GIOVANNI

8)GREEN MICHAEL

9)KIMBALL DAVID

10)KIMURA S. ROY

11)KWON SOOJIN

12)MACOR JOHN E.

13)ZHANG YULIAN

14)ZIPP GREG

(57) Abstract :

The present disclosure is generally directed to compounds which can modulate G-protein coupled receptor 88, compositions comprising such compounds, and methods for modulating G-protein coupled receptor 88.

No. of Pages : 83 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2952/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : MODULATORS OF A PROTEIN-COUPLED RECEPTOR 88

(51) International classification :C07D 213/56
(31) Priority Document No :61/250,091
(32) Priority Date :09/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/051597
Filing Date :06/10/2010
(87) International Publication No :WO 2011/044212
(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 :ROUTE 206 AND PROVINCE LINE
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2)LEXICON PHARMACEUTICALS INC.

(72)Name of Inventor :

1)BI YINGZHI

2)DZIERBA CAROLYN DIANE

3)BRONSON JOANNE J.

4)FINK CYNTHIA

5)GREEN MICHAEL

6)KIMBALL DAVID

7)MACOR JOHN E.

8)KWON SOOJIN

9)ZHANG YULIAN

10)ZIPP GREG

(57) Abstract :

The present disclosure is generally directed to compounds which can modulate G-protein coupled receptor 88, compositions comprising such compounds, and methods for modulating G-protein coupled receptor 88.

No. of Pages : 73 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2953/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

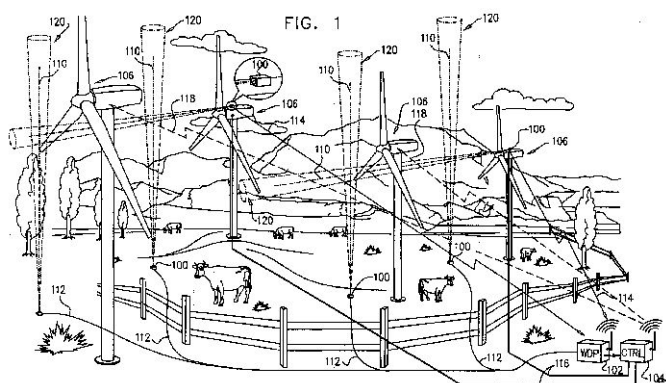
(54) Title of the invention : METHODS, DEVICES AND SYSTEMS FOR REMOTE WIND SENSING

(51) International classification :G01P 3/36
(31) Priority Document No :61/246,174
(32) Priority Date :28/09/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2010/002434
Filing Date :28/09/2010
(87) International Publication No :WO 2011/036553
(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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TECHNOLOGY PARK, 76701 REHOVOT, ISRAEL.
(72)Name of Inventor :
1)TSADKA SAGIE
2)SELA NATHAN

(57) Abstract :

A system for monitoring wind characteristics in a volume including a plurality of non-coherent laser anemometers operative to measure wind characteristics in a plurality of corresponding sub-volumes located within the volume and a data processing subsystem operative to receive data from the plurality of non-coherent laser anemometers and to provide output data representing the wind characteristics in the volume.



No. of Pages : 61 No. of Claims : 58

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4135/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHOD AND APPARATUS FOR PROVIDING VHT FREQUENCY REUSE FOR WLANS

(51) International classification :H04W 16/10

(31) Priority Document No :61/261,085

(32) Priority Date :13/11/2009

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

(86) International Application No :PCT/US2010/056600

Filing Date :12/11/2010

(87) International Publication No :WO 2011/060310

(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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WILDLINGTON DELAWARE 19810, U.S.A.

(72)Name of Inventor :

1)GRANDHI, SUDHEER A.

(57) Abstract :

An apparatus and method provides very high throughput (VHT) wireless local area network (WLAN) frequency reuse information reports and adjusts operation parameters based on the frequency reuse information reports.

No. of Pages : 40 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.608/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :07/03/2011

(43) Publication Date : 22/11/2013

(54) Title of the invention : SKIN TREATING COMPOSITION AND APPLICATIONS THEREOF

		(71)Name of Applicant : 1)DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION Address of Applicant :MINISTRY OF DEFENCE, GOVT. OF INDIA, ROOM NO. 348, B-WING, DRDO BHAWAN, RAJAJI MARG, NEW DELHI-110011, INDIA
(51) International classification	:A61K	(72)Name of Inventor : 1)VIJAYARAGHAVAN, RAJAGOPALAN
(31) Priority Document No	:NA	2)LOMASH, VINAY
(32) Priority Date	:NA	3)QURESHI, FAKHRUDDIN AHMED
(33) Name of priority country	:NA	4)GAUTAM, ANSHOO
(86) International Application No	:NA	5)DEB, UTSAB
Filing Date	:NA	6)PANT, SATISH CHANDRA
(87) International Publication No	:NA	7)THAVASELVAM, DURAIPANDIAN
(61) Patent of Addition to Application Number	:NA	8)GANESAN, KUMARAN
Filing Date	:NA	9)BAG, BIDHAN CHANDRA
(62) Divisional to Application Number	:NA	10)KUMAR, PRAVIN
Filing Date	:NA	

(57) Abstract :

The present invention relates to a skin treating composition comprising N, N dichloro-bis[2,4,6-trichlorophenyl]urea and Aloe vera extract. The composition further comprises at least one betaine, and/or a surfactant. The composition of the present invention use as a skin decontaminant, wound healant and disinfectant agent against chemical and biological warfare agents.

No. of Pages : 30 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.868/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :29/03/2011

(43) Publication Date : 22/11/2013

(54) Title of the invention : CABINET DRYER FOR GINGER AND TURMERIC

(51) International classification	:D06F 58/10	(71)Name of Applicant : 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
(31) Priority Document No	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI-110 001, INDIA.
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CHATTERJEE, PRADIP KUMAR
(87) International Publication No	:NA	2)LOHA, CHANCHAL
(61) Patent of Addition to Application Number	:NA	3)CHOUDHURY, BIPLAB
Filing Date	:NA	4)CHANDRA, PRAKASH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Ginger and turmeric are the major cash crops in North-East (NE) states of India. The quality of ginger/turmeric produced is very good in terms of aroma content and pungency. Open sun drying is generally being practiced, however it takes long time, around 4 to 5 days to dry, which leads to mould growth and contamination of the product. Existing dryers (hot air) also take more than 15 hours for drying. Thus it was highly desirable to develop an improved cabinet dryer, which produces uniform quality product at a faster rate with an optimum cost of production. A batch type cabinet dryer has been developed which consists of fin type electric heater to generate hot air which interacts with the sliced ginger/turmeric placed in perforated trays while moving through the perforations and over the materials in a zigzag route for intense gas solid contact. The developed dryer has found to dry at a faster rate, within 4 to 5 hours, with uniform quality and minimum energy consumption.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2937/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : P2P WORKFLOW SYSTEM

(51) International classification	:G06F
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2009/067515
Filing Date	:07/10/2009
(87) International Publication No	:WO 2011/042969
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HIROFUMI NAKASHIMA
Address of Applicant :5-32-3, SHIMOMEGURO, MEGURO-KU, TOKYO 153-0064, JAPAN.
(72)**Name of Inventor :**
1)NAKASHIMA, HIROFUMI

(57) Abstract :

Provided is a work flow system configured by a plurality of process support tools 10 cooperating via a network. A process support tool 10 serves as a parent to constitute a group 100 and defines a work flow (process 55) formed by roles of respective members of the group 100 and a plurality of tasks. Each of the members of the group 100 executes the process 55 while specifying a processor of the next task in accordance with the defined member role and distributes a message 56 containing the processing result between the members one after another.

No. of Pages : 72 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.769/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :18/03/2011

(43) Publication Date : 22/11/2013

(54) Title of the invention : A Vehicle Seat

(51) International classification	:B60N
(31) Priority Document No	:10425083.2
(32) Priority Date	:19/03/2010
(33) Name of priority country	:EPO
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Petra Italia S.A.S. Di Marina Bordo & C.

Address of Applicant :16 Corso Vinzaglio TORINO Italy.

(72)Name of Inventor :

1)DE MAINA Cosimo

(57) Abstract :

A vehicle seat comprising a supporting structure (3) and a first and a second contoured panel (4,5) fitted to the supporting structure (3) and respectively defining the seat portion and the backrest of the seat (1). The supporting structure (3) comprises a first and a second lateral supporting member (6,7) extending along opposite sides of the seat (1) and joined to one another by a cross-member (8) extending along the join between the seat portion and the backrest. The first and the second panel are covered with respective flexible cover sheets (46, 70) that are fixed securely to the supporting structure (3).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.866/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :29/03/2011

(43) Publication Date : 22/11/2013

(54) Title of the invention : PROCESS FOR DEVELOPMENT OF VALUE ADDED FRAGRANCES FROM CURCUMA AROMATICA ESSENTIAL OIL

(51) International classification

:C11B

(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)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH

Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI-110 001, INDIA.

(72)Name of Inventor :

1)VIJAI KANT AGNIHOTRI

2)BIKRAM SINGH

3)GARIKAPATI DYVA KIRAN BABU

4)GOPI CHAND

5)RAKESH DEOSHARAN SINGH

6)PARAMVIR SINGH AHUJA

(57) Abstract :

Curcuma aromatica essential oil is blue-black dark liquid with camphoraceous, woody, amber and spicy characteristic odour and is less valued in market, however the prepared value added products have very good shining color with the improved fragrance. The present invention relates to an efficient process for the modification of Curcuma aromatica essential oil to develop value added fragranced products, the process comprising the steps of mixing of essential oil with one solvent or a combination of more than one solvents, cooling the mixture over ice bath or at lower temperature at rotation of 1000 rpm or at simple magnetic stirrer at high speed, addition of reducing agent at different proportion at a certain time period for desired product, after completion of the reaction, addition of ice water to the reaction mixture to terminate the reaction, extracting the mixture using solvent for three to five times, washing the extractive with dilute acidic water and then with water, washed product was dried at lower temperature to obtain modified essential oils in order to develop fragranced products with recovery of 60 to 95% and use of the modified essential oil in the range between 0.05 to 100% in perfumery or allied industries.

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

(54) Title of the invention : PROCESS AND UNIT FOR THE SEPARATION OF AIR BY CRYOGENIC DISTILLATION

(51) International classification :F25J 3/04
 (31) Priority Document No :0958880
 (32) Priority Date :11/12/2009
 (33) Name of priority country :France
 (86) International Application No :PCT/FR2010/052099
 Filing Date :05/10/2010
 (87) International Publication No :WO 2011/070257
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

**1)L'AIR LIQUIDE SOCIETE ANONYME POUR
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 GEORGES CLAUDE**

Address of Applicant :75 QUAI D' ORSAY F-75007 PARIS,
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(72)Name of Inventor :

1)DAVIDIAN BENOIT

(57) Abstract :

An air separation unit comprises a medium-pressure column (39), a low-pressure column (41), an enclosure (141), a heat exchanger (13), a bottom condenser (25) of the low-pressure column and a condenser (15) placed in the enclosure, a line for sending compressed, purified and cooled air from the heat exchanger to the medium-pressure column, a line for sending a heat-generating gas to the condenser placed in the enclosure, a line for sending a nitrogen-enriched gas from the medium-pressure column to the condenser of the low-pressure column, a line for sending an oxygen-enriched stream from the bottom of the medium-pressure column to the low-pressure column, a line for sending oxygen-rich liquid from the bottom of the low-pressure column to the enclosure, a line for withdrawing from the enclosure a fluid richer in oxygen than that sent to the enclosure, a line for sending a gas from the enclosure to the low-pressure column, and a line for withdrawing an overhead gas from the low-pressure column, characterized in that the unit includes an expansion means (51) for expanding the oxygen-rich liquid downstream of the bottom of the low-pressure column and upstream of the enclosure and a compressor (21) for compressing the gas from the enclosure, said compressor being downstream of the enclosure and upstream of the low-pressure column.

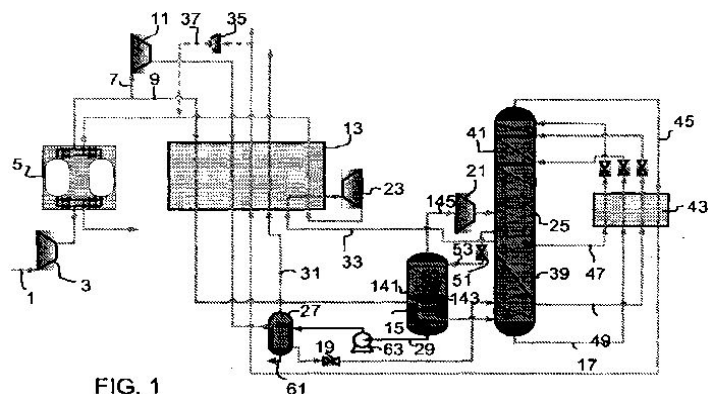


FIG. 1

No. of Pages : 15 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4313/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : N-CONTAINING HETEROARYL DERIVATIVES AS JAK3 KINASE INHIBITORS

(51) International classification :C07D 429/04

(31) Priority Document No :09382233.6

(32) Priority Date :29/10/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/066476

Filing Date :29/10/2010

(87) International Publication No :WO 2011/051452

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)PALAU PHARMA, S.A.

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2)SALAS SOLANA, JORGE

3)SOLIVA SOLIVA, ROBERT

4)RODRIGUEZ ESCRICH, SERGIO

5)SICRE GONZALEZ, MARIA CRISTINA

(57) Abstract :

N-containing heteroaryl derivatives of formula I or II, wherein the meanings for the various substituents are as disclosed in the description. These compounds are useful as JAK, particularly JAK3, kinase inhibitors.

No. of Pages : 113 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4746/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : MIXING SYSTEM WITH CONDENSER

(51) International classification	:B01F 3/04
(31) Priority Document No	:12/710,127
(32) Priority Date	:22/02/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/021714
Filing Date	:19/01/2011
(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)HYCLONE LABORATORIES, INC.
Address of Applicant :925 WEST 1800 SOUTH, LOGAN,
UTAH 84321, U.S.A.
(72)**Name of Inventor :**
1)STAHELI, CLINTON, C.
2)JONES, NEPHI, D.
3)GOODWIN, MICHAEL, E.

(57) Abstract :

A system (10) for mixing a liquid solution or suspension includes a support housing (14) bounding a compartment and a collapsible bag (12) disposed within the compartment. A mixer (18) is disposed within the collapsible bag while a sparger (59) delivers a gas to the lower end of the collapsible bag. A gas outlet line (51) extends from an upper end of the collapsible bag to a condenser assembly (16). A gas exhaust line and a fluid collection line both extend from the condenser assembly.

No. of Pages : 44 No. of Claims : 26

(54) Title of the invention : GENE CAPABLE OF IMPARTING ENVIRONMENTAL STRESS RESISTANCE TO PLANTS AND METHOD FOR UTILIZING THE SAME

(51) International classification :C12N 15/82
 (31) Priority Document No :2009-250524
 (32) Priority Date :30/10/2009
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2010/006254
 Filing Date :22/10/2010
 (87) International Publication No :WO 2011/052169
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)TOYOTA JODOSHA KABUSHIKI KAISHA

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(72)Name of Inventor :

1)KONDO SATOSHI

2)OHTO CHIKARA

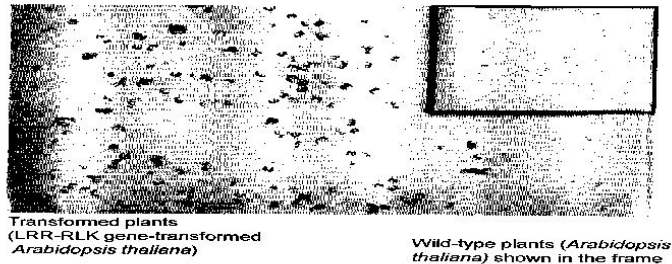
3)MITSUKAWA NORIHIRO

4)OGAWA KENICHI

(57) Abstract :

According to the present invention, environmental stress resistance is imparted to a plant or the environmental stress resistance of a plant is improved. At least one gene selected from the group consisting of an LRR-RLP gene selected from a 1st group (including At2g33080), an LRR-RLK gene selected from a 2nd group (including Atlg69990), and an LRR-RLK gene selected from a 3rd group (including At5g39390) is introduced into a plant, or an expression control region of an endogenous gene is altered in a plant.

Fig. 1



Salt resistance test for LRR-RLK gene (At1g69990)-transformed Arabidopsis thaliana

No. of Pages : 101 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.860/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :29/03/2011

(43) Publication Date : 22/11/2013

(54) Title of the invention : A PROCESS FOR PREPARATION OF PUFA RICH POURABLE COCONUT OIL.

(51) International classification	:A23D	(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)NASIRULLAM
(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 process for preparation of PUFA rich coconut oil wherein fatty acid composition has been slightly altered to make coconut oil pourable at low temperature ranging from 6-12 ° C and contain PUFA at a range of 2-7% . The major portion of the total oil retaining all the qualities of the parent oil and contains glyceride in native form, thereby retaining the flavor of coconut oil.

No. of Pages : 20 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2942/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHOD FOR TREATING THE SURFACE OF A DEVICE FOR DISPENSING A FLUID PRODUCT

(51) International classification :C08J 7/16
(31) Priority Document No :0959512
(32) Priority Date :23/12/2009
(33) Name of priority country :France
(86) International Application No :PCT/FR2010/052880
Filing Date :22/12/2010
(87) International Publication No :WO 2011/077049
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)VALOIS S.A.S.

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(72)Name of Inventor :

1)BRUNA, PASCAL

2)HERRY, SERGE

3)LAURENT, MATTHIEU

4)NEKELSON, FABIEN

5)ROUSSEL, SEBASTIEN

(57) Abstract :

A treatment method for treating the surface of a fluid dispenser device, said method comprising the step of using chemical grafting to form a thin film on at least one support surface of at least one component part that is in contact with said fluid, said thin film preventing interactions between said fluid and said component part.

No. of Pages : 21 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2943/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHOD FOR TREATING THE ELASTOMER SURFACE OF A DEVICE FOR DISPENSING A FLUID PRODUCT

(51) International classification	:C08J 7/16
(31) Priority Document No	:0959502
(32) Priority Date	:23/12/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/052885
Filing Date	:22/12/2010
(87) International Publication No	:WO 2011/077052
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)VALOIS S.A.S.

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(72)Name of Inventor :

1)BRUNA, PASCAL

2)LAURENT, MATTHIEU

3)LE GOGUELIN, MARIE

4)ROUSSEL, SEBASTIEN

5)TESSIER, LORRAINE

(57) Abstract :

A treatment method for treating an elastomer surface of a fluid dispenser device, said method comprising the step of using chemical grafting to form a thin film on at least one support surface of at least one elastomer surface of said dispenser device, said thin film avoiding the elastomer surfaces sticking during the manufacturing and assembly stages.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.767/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :18/03/2011

(43) Publication Date : 22/11/2013

(54) Title of the invention : Apparatus And Methods For Dyeing Of Fibers

(51) International classification	:D06P	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Indian Institute of Technology Delhi
(32) Priority Date	:NA	Address of Applicant :Hauz Khas New Delhi 110 016
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)AGRAWAL Ashwini Kumar
(87) International Publication No	: NA	2)SANYAL Anjan
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The Invention Systems and methods for preparing a dyed material are described. An apparatus includes a material charging device configured to charge a material with a first charge. The apparatus further includes an applicator configured to receive the charged material and a charged dye and apply the charged dye to the charged material such that an amount of the charged dye is deposited on the charged material. The charged dye is charged with a second charge that is opposite of the first charge.

No. of Pages : 27 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2897/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : SOLVENT SYSTEMS HAVING NO FLASH POINT AND METHODS USING SUCH SOLVENT SYSTEMS FOR DISSOLVING RIGID POLYURETHANE FOAMS

(51) International classification	:C08J 3/09
(31) Priority Document No	:61/249,859
(32) Priority Date	:08/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/051643
Filing Date	:06/10/2010
(87) International Publication No	:WO 2011/044245
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ALBEMARLE CORPORATION
Address of Applicant :451 FLORIDA STREET, BATON ROUGE, LA 70801-1765, U.S.A.
(72)**Name of Inventor :**
1)HISASHI MIWA

(57) Abstract :

This invention relates to solvent systems useful for foam nozzle clearing, which solvent systems are formed by combining at least a brominated compound, an alcohol and a stabilizer in amounts such that the solvent system has no flash point

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

(54) Title of the invention : ANTENNA

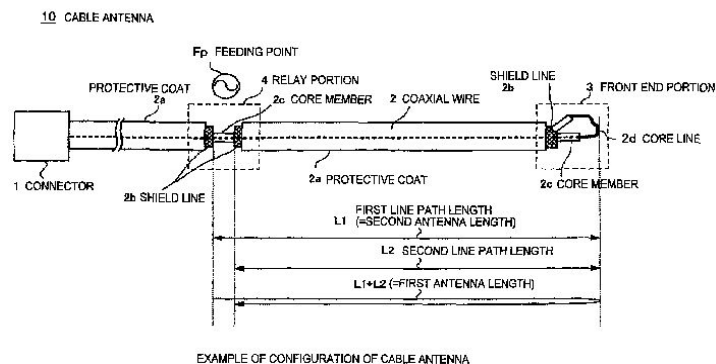
(51) International classification :H01Q 5/01
 (31) Priority Document No :2009-236406
 (32) Priority Date :13/10/2009
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2010/067865
 Filing Date :12/10/2010
 (87) International Publication No :WO 2011/046112
 (61) Patent of 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,
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 (72)Name of Inventor :
1)YOSHITAKA YOSHINO
2)SATORU TSUBOI
3)TADASHI IMAI
4)AKIRA ISHIZUKA

(57) Abstract :

An antenna is realized by a simple mechanism without use of a dedicated antenna element. An antenna includes a first conductor 2b (2d) that has a first line length from a start point 4 to a folded point 3; and a second conductor 2b (2d) that has a second line length in a direction from the folded point 3 to the start point 4 and is electrically connected to the first conductor at the folded point 3. A first received signal with a first frequency is received with a first antenna length including both the first line length and the second line length. A second received signal with a second frequency is received with a second antenna length including only one of the first line length and the second line length.

FIG.1



No. of Pages : 67 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2899/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : MULTI-STREAM HIGH-PRESSURE LIQUID CHROMATOGRAPHY MODULE

(51) International classification :G01N 30/88

(31) Priority Document No :61/249,707

(32) Priority Date :08/10/2009

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

(86) International Application No :PCT/US2010/051944

Filing Date :08/10/2010

(87) International Publication No :WO 2011/044440

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)GE HEALTHCARE LIMITED

Address of Applicant :AMERSHAM PLACE, LITTLE
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(72)Name of Inventor :

1)COLIN STEEL

2)FARAH SHAH

3)SAJINDER LUTHRA

(57) Abstract :

An HPLC module utilizes a combination of compound-dedicated hardware providing line clearance between differing radiosyntheses and includes multiple compound-dedicated HPLC inject valves, each inject valve directing a fluid to a serially-connected HPLC column and UV flowcell so as to prevent cross-contamination between differing radiopharmaceutical syntheses. The module provides a disposable fluid path from each UV flowcell allowing for radioactive detection, fraction collection, formulation and final product dispensing. In this manner, a level of GMP compliance is achieved that is suitable for meeting the requirements of an MHRA approved site-license.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4115/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : CUSHIONING DEVICE FOR LARGE ANIMALS

(51) International classification :A01K 1/015
(31) Priority Document No :61/258,309
(32) Priority Date :05/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2010/001742
Filing Date :05/11/2010
(87) International Publication No :WO 2011/054091
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PROMAT INC.
Address of Applicant :594711 COUNTY ROAD #59 SOUTH,
WOODSTOCK, ON N4S 7V8, CANADA.
(72)**Name of Inventor :**
1)JASON STEVENS
2)ROBERT NUGTEREN
3)JACK BOSMAN
4)ANDREW JENKINS

(57) Abstract :

The present invention relates to a cushioning device comprises a top surface, a bottom surface, said top surface and bottom surface forming a chamber, and an amount of a gelatinous filling material disposed within the chamber. The present invention relates also to methods of transporting and installing a cushioning device for supporting a large animal. The method comprises transporting the cushioning device and a compound capable of creating a gel upon contact with a liquid may be delivered separately to the site. At the remote site the compound may be disposed within the chamber and the chamber may then be filled with an amount of liquid to create the gel within the cushioning device. The compound may also be delivered to the site already disposed within the chamber.

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

(54) Title of the invention : READING A LOCAL MEMORY OF A PROCESSING UNIT

(51) International classification :G06F 3/14
 (31) Priority Document No :61/241,236
 (32) Priority Date :10/09/2009
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2010/048214
 Filing Date :09/09/2010
 (87) International Publication No :WO 2011/031823
 (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)ATI TECHNOLOGIES ULC

(72)Name of Inventor :

1)GLEN, DAVID L., J.

2)ROGERS, PHILIP, J.

3)CARUK, GORDON, F.

4)CHENG, GONGXIAN, JEFFREY

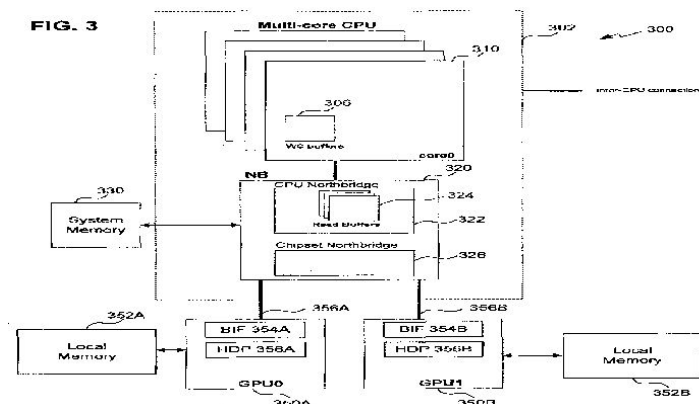
5)HUMMEL, MARK

6)THOMPSON, STEPHEN, PATRICK

7)ASARO, ANTHONY

(57) Abstract :

Disclosed herein are systems, apparatuses, and methods for enabling efficient reads to a local memory of a processing unit. In an embodiment, a processing unit includes an interface and a buffer. The interface is configured to (i) send a request for a portion of data in a region of a local memory of an other processing unit and (ii) receive, responsive to the request, all the data from the region. The buffer is configured to store the data from the region of the local memory of the other processing unit.



No. of Pages : 23 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4211/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : DIGITAL HYDRAULICS VALVE STAGE

(51) International classification :F15B 11/042
(31) Priority Document No :10 2009 052285.9
(32) Priority Date :09/11/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/006726
Filing Date :04/11/2010
(87) International Publication No :WO 2011/054518
(61) 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 :70469 STUTTGART, Germany
(72)Name of Inventor :
1)MEHLING, HERMANN
2)WEILER, DANIEL

(57) Abstract :

Described herein is a digital hydraulics valve (10) comprising a plurality of digitally switchable individual valves (1 to n), which are connected in parallel with respect to a load (22). In an embodiment, at least one equalizing valve (n) for generating intermediate values between the opening cross-section stages implemented by the digitally switchable individual valves.

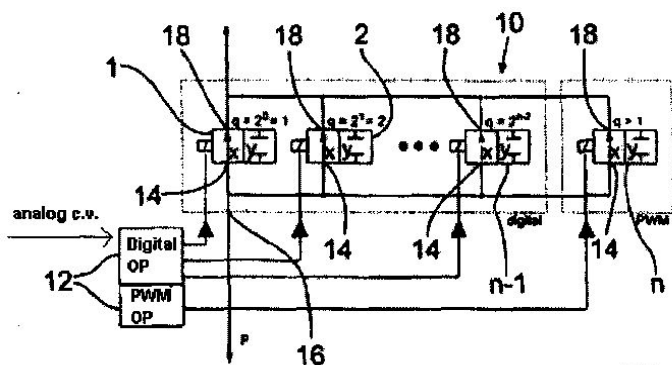


Fig.2

No. of Pages : 14 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2928/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : CNT-INFUSED FIBERS IN CARBON-CARBON COMPOSITES

(51) International classification	:H05H 1/00
(31) Priority Document No	:61/263,805
(32) Priority Date	:23/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/057520
Filing Date	:19/11/2010
(87) International Publication No	:WO 2011/063298
(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 :2323 EASTERN BLVD.,
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(72)**Name of Inventor :**
1)SHAH TUSHAR K.
2)MALECKI HARRY C.
3)CARSON MURRAY N.

(57) Abstract :

A carbon/carbon (C/C) composite includes a carbon matrix and a non-woven, carbon nanotube (CNT)-infused carbon fiber material. Where woven materials are employed, CNTs are infused on a parent carbon fiber material in a non-woven state. A C/C composite includes a barrier coating on the CNT-infused fiber material. An article is constructed from these (C/C) composites. A method of making a C/C composite includes winding a continuous CNT-infused carbon fiber about a template structure and forming a carbon matrix to provide an initial C/C composite or by dispersing chopped CNT-infused carbon fibers in a carbon matrix precursor to provide a mixture, placing the mixture in a mold, and forming a carbon matrix to provide an initial C/C composite.

No. of Pages : 76 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2929/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : CNT-TAILORED COMPOSITE SPACE-BASED STRUCTURES

(51) International classification :C23C 16/00

(31) Priority Document No :61/263,807

(32) Priority Date :23/11/2009

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

(86) International Application No :PCT/US2010/057922

Filing Date :23/11/2010

(87) International Publication No :WO 2011/063424

(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)ALBERDING MARK R.

3)MALECKI HARRY C.

4)MARKKULA SAMUEL J.

5)HUGHES JOHN ANTHONY

(57) Abstract :

An apparatus having a composite space-based structure with a first carbon nanotube infused material and a second carbon nanotube infused material. The first and second carbon nanotube infused materials each having a range of carbon nanotube loading selected to provide different functionalities.

No. of Pages : 43 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.861/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :29/03/2011

(43) Publication Date : 22/11/2013

(54) Title of the invention : A CHEMICAL COMPOUND FOR THE TREATMENT OF SKIN AILMENT

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AGILA SPECIALTIES PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :STRIDES HOUSE, BILEKAHALI,
(33) Name of priority country	:NA	BENNERGHATTA RAOD, BANGALORE 560 076,
(86) International Application No	:NA	KARNATAKA, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)DR. RAJEEV JAIN
(61) Patent of Addition to Application Number	:NA	2)DR. TARUN NARANG
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed herein a topical pharmaceutical composition comprising prostaglandin F2 alpha analogue or any of its derivatives such as unoprostone, latanoprost, travoprost, tafluprost (fluorinated derivatives) or prostamides like bimatoprost, dissolved or dispersed in a pharmaceutically acceptable base together with other pharmaceutically acceptable excipients or in a dermatologically acceptable carrier, useful in the treatment of vitiligo. The present invention specifically discloses herein a topical pharmaceutical composition comprising Bimatoprost, used in the treatment of Vitiligo and method of treating the same.

No. of Pages : 59 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1042/DEL/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

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

(51) International classification	:H04N
(31) Priority Document No	:2011087059
(32) Priority Date	:11/04/2011
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Address of Applicant :1-7-1 KONAN, MINATO-KU,
TOKYO, JAPAN.
(72)**Name of Inventor :**
1)TAKESHI FUJIKI

(57) Abstract :

An information processing apparatus includes a communication unit, a storage, an operation reception unit, and a controller. The communication unit is capable of communicating with a different information processing apparatus and a server on a network. The storage is capable of storing data. The operation reception unit is capable of receiving an operation of a user that selects the data. The controller is capable of controlling the communication unit to transmit the selected data to the server and transmit notification information to the different information processing apparatus, the notification information indicating transmission of the data to the server.

No. of Pages : 49 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1043/DEL/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : SYSTEM AND METHOD FOR OCULAR RECOGNITION

(51) International classification	:G06K
(31) Priority Document No	:13/155548
(32) Priority Date	:08/06/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)SAAD J. BEDROS
2)JANA TROJANOVA

(57) Abstract :

A system and method include decomposing via a computer an ocular region into several filtered images of different orientation and scale, using the computer to combine the decomposed images for each scale, using a computer executed classifier for each scale, matching across different quality images, and using a computer, constructing a matching score by combining the scale scores using adaptively weighted sum for each scale.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.761/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :18/03/2011

(43) Publication Date : 22/11/2013

(54) Title of the invention : FORMING PROCESS FOR SHEET POLARIZERS

(51) International classification	:B29C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INTERNATIONAL CENTRE FOR AUTOMOTIVE
(32) Priority Date	:NA	TECHNOLOGY
(33) Name of priority country	:NA	Address of Applicant :PLOT NO. 26, SECTOR-3, IMT
(86) International Application No	:NA	MANESAR, GURGAON-122050 HARYANA INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)DR. MADHUSUDAN JOSHI
(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 an advanced packaging technique of sheet polarizers using forming process. In a typical embodiment a blank sheet [103] is cut out of a complete polarizer sheet [102] as per the dimension of headlight lens [101] on which the polarizer sheet is to be pasted. Thereafter pre-conditioning of the blank sheet [103] is performed under controlled conditions inside an environmental chamber followed by Forming [104] of the polarizer sheet so as to match the exact dimensions i.e. curve and profile of given headlight lens with that of the polarizer sheet. Suitable process and control parameters (temperature, time, pressure etc.) are maintained throughout during Forming to eliminate the formation of bubbles and associated disadvantages.

No. of Pages : 7 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2900/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : TARGETING ORTHOPAEDIC DEVICE LANDMARKS

(51) International classification :A61B 17/56

(31) Priority Document No :61/249,245

(32) Priority Date :06/10/2009

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

(86) International Application No :PCT/US2010/051678

Filing Date :06/10/2010

(87) International Publication No :WO 2011/044273

(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)STEFAN R. KIRSCH

2)NICHOLAS S. RITCHEY

3)GENE EDWARD AUSTIN

4)CHARLES C. HEOTIS

(57) Abstract :

Targeting sensors for use in targeting landmarks of orthopaedic devices. The sensors include a non-cylindrical mounting platform such as a printed circuit board and at least two mounted or printed sensor coils to provide a low profile sensor assembly which can be placed in a predetermined position and orientation on or in an orthopaedic device. The platform has a non-circular cross-section having an aspect ratio of greater than about 1.5:1. The non-circular cross-section of the platform enables the sensor to be placed in a known fixed position within the implant. The sensor coils may be partially or fully embedded in the platform.

No. of Pages : 35 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.760/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :18/03/2011

(43) Publication Date : 22/11/2013

(54) Title of the invention : IMPLEMENTATION OF LOCATION TRACKING VIA CELL PHONES IN OUT-OF-HOME ADVERTISING

(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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1)RAVEESH BHALLA

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PRADESH (201301) India

2)SHASHANK SHEKHAR NAYAK

(72)Name of Inventor :

1)RAVEESH BHALLA

2)SHASHANK SHEKHAR NAYAK

(57) Abstract :

The current system of Out-of-Home advertising suffers from a lack of optimization (as compared to advertising on internet-connected devices such as computers and cell phones) due to lack of ability to target advertisements. The invention is used to dynamically vary advertisements in an Out-of-Home advertising system based on the information it has available on the set of people in its vicinity, who it recognizes using their cell phones. The information is collected using an individual s social graph data. By implementing such a system, targeted Out-of-Home advertising systems is possible.

No. of Pages : 7 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2919/DELNP/2012 A

(43) Publication Date : 22/11/2013

(54) Title of the invention : RICE WHITENING

(51) International classification :A23L 1/182
(31) Priority Document No :0916898.0
(32) Priority Date :25/09/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2010/001809
Filing Date :27/09/2010
(87) International Publication No :WO 2011/036464
(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)PALANIVEL, VADIVELAN
3)SCHEFER, LARISSA
4)BROCKFELD, MARKUS
5)MULLER-FISCHER, NADINA PATRIZIA
6)BLASS, DETFLEF

(57) Abstract :

A process for whitening rice, comprising the steps of: moistening brown rice with a moistening agent, preferably comprising water and an additive selected from at least one of a sugar or a derivative thereof, including a sugar alcohol, and sodium chloride; and whitening the moistened brown rice, preferably immediately after the moistening step.

No. of Pages : 30 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.867/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :29/03/2011

(43) Publication Date : 22/11/2013

(54) Title of the invention : 3,4-DIHYDROXYALLYL BENZENE AND 2',3'-EPOXYPROPYL-3,4-DIHYDROXY BENZENE DEMONSTRATED STRONG ANTI-CANCER PROPERTY AGAINST CANCER CELLS

(51) International classification

:A61K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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(72)Name of Inventor :

1)BHATTACHARYA, SUSHMITA

2)DASGUPTA, SUMAN

3)BHATTACHARYA, SHELLEY

4)BHATTACHARYA, SAMIR

5)BORDOLOI, MANOBYOTI

6)BARUA, NABIN CHANDRA

7)RAO, PARUCHURI GANGADHAR,

(57) Abstract :

The present invention relates to a 2,3 -epoxypropyl-3,4-dihydroxy benzene as an anticancer agent and a process for the preparation thereof. Chemically, the epoxy compound is more stable because the labile allylic double bond was converted to epoxide. The allylic double bond of 3,4-dihydroxyallylbenzene of the structure 1 has tendency to conjugate with the double bonds of the benzene ring. The 2,3 -epoxypropyl-3,4-Dihydroxy Benzene showed activity for the first time when tongue cancer cells (HSC-3) are being shown to be affected by epoxy hydroxychavicol. There was growth arrest as well as mortality of tongue cancer cells. Epoxy hydroxychavicol is consistent, stable and effective compound modified form of hydroxychavicol from betel leaf is the first time shown to be killing significantly the tongue cancer cells. Tongue cancer is one of the prevalent oral cancers in India and abroad where no remedy has yet been proposed.

No. of Pages : 27 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1055/DEL/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : OFFSHORE WIND TURBINE COMPRISING A SUPPORT SYSTEM FOR INTERCHANGEABLE CONTAINERS SAID SUPPORT SYSTEM BEING COMBINED WITH A WAVE RUN-UP DEFLECTOR

(51) International classification	:F02B	(71)Name of Applicant :
(31) Priority Document No	:PA 2011	1)Envision Energy (Denmark) ApS
(32) Priority Date	70169	Address of Applicant :Torvet 11 2 8600 Silkeborg Denmark.
(33) Name of priority country	:11/04/2011	(72)Name of Inventor :
(86) International Application No	:Denmark	1)Anders Varming Rebsdorf
Filing Date	:NA	2)Søren Staugaard
(87) 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 offshore wind turbine comprising a tower where said wind turbine at a level above sea level comprises at least one structure for storing at least one container said container having the size and measures of a standard container where said structure is arranged on the side of the tower. The invention further comprises a method of manufacturing such a concrete structure for an offshore wind turbine. The structure for storing one or more containers according to the invention comprises a deck and at least one bed for supporting at least one container along said containers lower surface and/or edges where said structure is a concrete structure. By manufacturing said structure from concrete a very robust and strong structure is achieved.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4732/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : WATER CONTROL ADDITIVE COMPOUNDS AND METHODS OF MAKING AND USING SAME

(51) International classification :C09K 8/42
(31) Priority Document No :12/621,665
(32) Priority Date :19/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/057278
Filing Date :18/11/2010
(87) International Publication No :WO 2011/063148
(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)XIAOLAN WANG
2)LEONARD KALFAYAN
3)JENNIFER CUTLER

(57) Abstract :

Compositions and methods of reducing a flow of aqueous liquids through a subterranean formation are provided, The compositions and methods are used for water control. The compositions include a water control additive that is prepared by reacting a soluble sodium silicate and a hydrolysable organosilane compound to produce silanol that reacts and forms a bond with the formation thereby producing a binding polysiloxane.

No. of Pages : 24 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4737/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : PROCESS FOR PREPARING A BIMODAL POLYETHYLENE PRODUCT IN A SINGLE LOOP REACTOR

(51) International classification	:C08F 210/16
(31) Priority Document No	:09179790.2
(32) Priority Date	:18/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/070015
Filing Date	:17/12/2010
(87) International Publication No	:WO 2011/073365
(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)SLAWINSKI, MARTINE

(57) Abstract :

The present invention relates to a process for preparing a bimodal polyethylene product in a single loop reactor, comprising polymerizing ethylene monomer and optionally one or more olefin co-monomers in the presence of a single heterogeneous polymerization catalyst consisting of a metallocene-alumoxane catalyst immobilized on a porous support wherein said metallocene comprises only one transition metal. Said polymerization catalyst consists of two physically different fractions of support particles onto which said metallocene-alumoxane catalyst is immobilized.

No. of Pages : 23 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.864/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :29/03/2011

(43) Publication Date : 22/11/2013

(54) Title of the invention : NOVEL DIAMIDES AS POTENTIATORS OF THE BIOEFFICACY OF DRUGS

(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

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4)BUDDH SINGH

5)CH PARVEEN KUMAR

6)INSHAD ALI KHAN

7)NITIN PAL KALIA

8)AMIT NARGOTRA

9)RAM VISHWAKARMA

(57) Abstract :

The present invention relates to substituted aryl hexendienoic acid diamides and their use in combination of specific amounts of these diamides i.e. 4-{halo (substituted phenyl) methylene}-2-hexene-dienoic acid diamides including their di- and tetrahydro derivatives, and an anti-infective drug useful in potentiating the bioefficacy of anti-infective 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 : 67 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1020/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : A COMPUTER IMPLEMENTED SYSTEM FOR PROVIDING ONLINE ACCESS TO EMPLOYMENT RESOURCES

(51) International classification	:G06F17/50	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VASUDEVAN SRINATH
(32) Priority Date	:NA	Address of Applicant :B-9, BASERA SOCIETY, OFF DIN
(33) Name of priority country	:NA	QUARRY ROAD, PANJARAPOLE, DEONAR, MUMBAI-
(86) International Application No	:NA	400088, MAHARASHTRA, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)VASUDEVAN SRINATH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A computer implemented system for providing online access to employment resources comprising: a user interface for providing access to the system, the user interface implemented on a terminal, the user interface facilitating job seekers to specify their personal, educational and professional information and end recruiters to specify an employment criteria and to set search parameters in relation to the employment criteria; a host server cooperating with the terminal via a network, said host server comprising: a repository for storing the information specified by the job seekers and the end recruiters via the user interface; and an execution unit for processing the information specified by the job seekers and the end recruiters via the user interface, to enable interaction between the job seekers and the end recruiters.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1021/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : A PROCESS FOR MANUFACTURE OF POLY (BIPHENYL OXIDE)

(51) International classification

:B01J21/04

(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

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1)GHARDA KEKI HORMUSJI

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(72)Name of Inventor :

1)GHARDA KEKI HORMUSJI

(57) Abstract :

The present disclosure relates to a process for preparing poly (biphenyl oxide) of formula (I), Formula I wherein, Q is carbonyl group or sulfonyl group or absent, n is an integer ranging between 50 and 500, and molecular weight ranging between 10000 and 84000.

No. of Pages : 23 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1364/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :01/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : DEFECTIVE INTERFERING VIRUS

(51) International classification	:A61K 39/145
(31) Priority Document No	:0610342.8
(32) Priority Date	:24/05/2006
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2007/001889
Filing Date	:24/05/2007
(87) International Publication No	:WO/2007/135420
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:2509/MUMNP/2008
Filed on	:21/11/2008

(71)Name of Applicant :

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Coventry CV4 8UW Great Britain U.K.

(72)Name of Inventor :

1)DIMMOCK Nigel;

(57) Abstract :

Cloned, i.e. defined, defective interfering (DI) influenza A virus is produced in embryonated hens eggs using a method which generates large quantities of DI virus material. Cloned DI virus is then used in tests on mice and ferrets given a lethal challenge of wild-type influenza A virus. When cloned DI influenza A virus is co-administered with a lethal dose of virulent influenza A virus, mice are protected compared to a control of inactivated cloned DI influenza A virus. Mice which survived the administration of cloned DI influenza A virus and infective challenge virus are three weeks later still protected against lethal challenge with infective virus. Control mice which received only cloned DI influenza A virus and no lethal challenge are not protected three weeks later on lethal challenge with infective virus. A therapeutic benefit of administering cloned DI influenza A virus is found when the administration takes place in less than 48 hours after challenge with infective virus. Cloned DI influenza A virus of one subtype is found to act in vivo as an effective antiviral against the same or any other sub-type of influenza A virus. The antiviral effect has been found to have both a therapeutic and a prophylactic application against influenza A infection in humans, mammals and birds.

No. of Pages : 79 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1440/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :08/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHODS OF IMPROVING COGNITIVE FUNCTIONS

(51) International classification :A61K 31/5415
(31) Priority Document No :61/267,883
(32) Priority Date :09/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2010/001041
Filing Date :09/12/2010
(87) International Publication No :WO/2011/070579
(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)Bar-Ilan University

3)Ramot at Tel-Aviv University Ltd.

(72)Name of Inventor :

1)GEFFEN Yona

2)SAVITSKY Kinneret

3)NUDELMAN Abraham

4)REPHAELI Ada

5)GIL-AD Irit

6)WEIZMAN Abraham

(57) Abstract :

Conjugates comprising a first moiety having GABA agonist activity and a second moiety having CNS activity being covalently linked to the first moiety, for use in improving a cognitive function, and in preventing onset or inhibiting progression of a cognitive impairment or dysfunction are disclosed. Methods utilizing these conjugates and articles of manufacture comprising these conjugates are also disclosed.

No. of Pages : 51 No. of Claims : 53

(54) Title of the invention : DISPENSING CLOSURE

(51) International classification	:B65D47/08, B65D47/06, B65D47/04	(71)Name of Applicant : 1)ISoline EU s.r.o. Address of Applicant :Koz 915/7 Prague 1 110 00 Czech Republic
(31) Priority Document No	:CZ-PUV 2011- 25343	(72)Name of Inventor : 1)Vladislav Pichrt
(32) Priority Date	:19/12/2011	
(33) Name of priority country	:Czech Republic	
(86) International Application No	:PCT/IB2012/050626	
Filing Date	:13/02/2012	
(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	

(57) Abstract :

The dispensing closure consisting of a closure body with dispensing-metering chambers has the dispensing closure body (1) which has in its bottom part at least two chambers (3) passing into an upper guiding part of the body (1) having a form of guides (2), the cross-section of which coincides with the cross-sections of the chambers (3) in the transition point, while in each of the chambers (3) a piston (4) is situated, having in its upper part a lock preventing unintentional twisting-off of the plastic cover (5), and on its bottom side the piston (4) is fitted with a plastic cutter for perforation of the covering foil (6), while the body (1) containing the pistons (4) is sheltered from upside with a rotationally fitted plastic cover (5) featuring a separable lock (7) preventing any intervention, while the chambers (3) are closed from the body (1) downside with a covering foil (6). The chambers (3) of the dispensing closure are shaped in a form of equal-armed triangle, the longest side of which has a form of circular sector. The piston (4) is hollow in the direction from the circular side of the piston (4) towards the centre. The separable lock (7) against intervention is fitted with an attachment ring. The plastic cutter of the piston (4) is shaped as an extension of the circular edge of the piston (4).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1456/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : EXECUTION OF DYNAMIC LANGUAGES VIA METADATA EXTRACTION □

(51) International classification	:G06F 9/44
(31) Priority Document No	:61/294,478
(32) Priority Date	:12/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/020716
Filing Date	:10/01/2011
(87) International Publication No	:WO/2011/087993
(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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United States of America
(72)**Name of Inventor :**
1)CASCAVAL Gheorghe Calin
2)RESHADI Mehrdad H.

(57) Abstract :

Methods and devices for executing scripts written in a dynamic scripting language include parsing scripts in two stages, a pre-parse using a simplified grammar to generate script metadata regarding the high level structure of the script, and a full parse using the grammar and syntax of the dynamic scripting language and generated script metadata. The generated metadata may describe the high level structure that is present in the language of the script, such as functions, object methods, and a top level call graph. The script metadata may be used during the full parse to determine the parts of the code to be fully parsed. The aspects minimize processing time spent in the parsing at run-time, and may eliminate processing required to interpret or compile sections of code that will not be executed. Script metadata as well as results of full parsing may also be cached to provide further processing efficiencies.

No. of Pages : 43 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1458/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : A PROCESS FOR THE ADDITION OF ADDITIVES TO ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE □

(51) International classification	:C08J 3/12
(31) Priority Document No	:09075532.3
(32) Priority Date	:02/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/007290
Filing Date	:01/12/2010
(87) International Publication No	:WO/2011/066957
(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 VOS Roelof Franciscus Gerardus Maria
2)VAN BEEK Dimphna Johanna Maria

(57) Abstract :

The invention is directed to a process for the addition of additives to ultra high molecular weight polyethylene. A master fluff comprising virgin ultra high molecular weight polyethylene and an additive is added to virgin ultra high molecular weight polyethylene in continuous mixing equipment. The additive may be a corrosion inhibitor, an acid scavenger, a (UV) stabiliser, an antioxidant, a lubricant, an antimicrobial agent, a colorant, a pigment, a whitener, a crosslinker, a filler, an antifogging agent, an antistatic and/or a flame retardant.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1022/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : A PROCESS FOR SYNTHESIS OF HIGH MOLECULAR WEIGHT CRYSTALLINE POLYARYLEETHERKETONES

(51) International classification	:C08G65/40	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GHARDA KEKI HORMUSJI
(32) Priority Date	:NA	Address of Applicant :GHARDA HOUSE, 48 HILL ROAD,
(33) Name of priority country	:NA	BANDRA(WEST), MUMBAI 400 050, MAHARASHTRA,
(86) International Application No	:NA	INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)GHARDA KEKI HORMUSJI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In the present disclosure a process for synthesizing polyaryletherketone by reacting together at least one aromatic di-electrophile compound, at least one aromatic di-nucleophile compound and an aromatic compound comprising an electrophile and a nucleophile in the presence of a Friedel-Crafts catalyst and under pre-determined reaction conditions is disclosed. The polyaryletherketone in accordance with the present disclosure is synthesized in considerably reduced time.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1024/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : AUTOMATIC DEPTH AND DRAFT CONTROL SYSTEM

(51) International classification	:B62D33/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MOVALIYA RAJESH GANDUBHAI
(32) Priority Date	:NA	Address of Applicant :CAPTAIN TRACTORS PVT. LTD,
(33) Name of priority country	:NA	106, ROYAL COMPLEX, DHEBAR ROAD, RAJKOT - 360002,
(86) International Application No	:NA	Gujarat India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)MOVALIYA RAJESH GANDUBHAI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A depth and draft control system for regulating depth and draft settings of an implement connected to a farm vehicle includes a depth control lever, a draft control lever, housing, a pressure reducing valve (PRV), and a pair of lift arms. The depth control lever is actuated for facilitating raising, lowering and maintaining the implement at desired position with respect to the ground for defining initial depth setting of the implement. The draft control lever is actuated for regulating a draft setting of the implement with respect to the farm vehicle. The housing includes a linkage assembly, a piston-cylinder assembly and a lift arm shaft. The linkage assembly is functionally coupled to the depth control lever and the draft control lever and is actuated thereby. The (PRV) is actuated by the linkage assembly for regulating flow of fluid inside a cylinder that in turn adjusts the implement.

No. of Pages : 35 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1486/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : SYSTEM AND METHOD OF PROVIDING CONTENT BASED ON USER INTERACTION □

(51) International classification :H04N 7/025

(31) Priority Document No :61/293,059

(32) Priority Date :07/01/2010

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

(86) International Application No :PCT/US2011/020398

Filing Date :06/01/2011

(87) International Publication No :WO/2011/085113

(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)SMITH Allen W.

2)RIVAS Daniel M.

3)NIELSEN Per O.

4)MCGARRY Susan J.

(57) Abstract :

Methods and systems provide for displaying advertisement items on mobile devices in response to user selections. Advertisement items may be transmitted to mobile devices ahead of an insertion point and stored in memory. While displaying a content item, mobile devices may display a list of alternatives related advertisement content and prompt the user to select one. Mobile devices may determine an advertisement content item to display at the insertion point based on a received user input or lack of an input. In a further embodiment, mobile devices report displayed advertisement items to a service, such as the distributor, content provider, or a third party. In a further embodiment, the selection of alternative advertisement items to present to the user is made based upon weighting values associated with each advertisement item. Such weighting values may be adjusted when advertisement items are displayed or listed in a user interface display.

No. of Pages : 46 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1561/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : AIRCRAFT GAS TURBINE □

(51) International classification	:F04D19/00
(31) Priority Document No	:2010-039413
(32) Priority Date	:24/02/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/050662
Filing Date	:17/01/2011
(87) International Publication No	:WO/2011/105132
(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)Shinichiro MASAKI

(57) Abstract :

An aircraft gas turbine is constituted by accommodating a compressor (14), a combustor (15), and a turbine (16) in a cylindrical main unit casing (12). A thick wall part (52) is provided on an outer periphery side of rotor blades (34) in the main unit casing (12), a cooling passage (53) for cooling the thick wall part (52) by circulating compressed air compressed by the compressor (14) is provided in the thick wall part (52), and a discharge passage (55) for discharging compressed air having circulated in the cooling passage (53) to a combustion gas passage A is provided, and therefore the structural strength of the thick wall part is ensured by appropriately cooling the thick wall part of the casing, while simplifying the structure and preventing a decrease in efficiency, thereby enabling to ensure effective containment performance and an appropriate clearance between the casing and the rotor blades.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1501/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : NOSE SUPPORT FOR GLASSES

(51) International classification :G02C 5/12
(31) Priority Document No :10-2009-0133489
(32) Priority Date :28/12/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/004678
Filing Date :19/07/2010
(87) International Publication No :WO/2011/081270
(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)KIM Jeong-min

(57) Abstract :

The device relates to a nose support for glasses that include fixation insert welded onto the glasses frame and T-type fixation bridge, T-type fixation bridge inserted into the second hole and first insert groove of the silicon tube, second hole and first insert groove forming a T-type shape to adhere and insert the whole T-type fixation bridge to the upper center, third hole and second insert groove formed to adhere and insert the whole T-type fix jaw of the nose support prefabricated insert to the lower center, first hole punctured in between the first insert groove and second insert groove with identical diameter of the second hole and third hole, protrusion enforcement unit formed on the exterior of both the first insert groove and second insert groove, dent unit formed on the silicon tube, one-body or welded type T-type fix jaw within nose support prefabricated insert.

No. of Pages : 24 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1502/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : SEVEN-MEMBERED RING COMPOUND AND PHARMACEUTICAL USE THEREFOR □

(51) International classification	:C07D 243/08
(31) Priority Document No	:2009-296113
(32) Priority Date	:25/12/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/073879
Filing Date	:24/12/2010
(87) International Publication No	:WO/2011/078413
(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)Taisaku Tanaka
3)Junko Futamura
4)Seiichi Imajo
5)Hajime Sugawara

(57) Abstract :

Provided is a compound that has a nitrogen-containing seven-membered ring skeleton represented by formula (I) and is useful in the prevention or treatment of pathological conditions in which chymase is involved. Also provided is a drug, containing the aforementioned compound, for prevention or treatment of disorders in which chymase is involved.

No. of Pages : 232 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1503/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : STATE DRIVEN MOBILE SEARCH □

(51) International classification :G06F 17/30

(31) Priority Document No :12/687,068

(32) Priority Date :13/01/2010

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

(86) International Application No :PCT/US2011/021184

Filing Date :13/01/2011

(87) International Publication No :WO/2011/088241

(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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United States of America

(72)Name of Inventor :

1)CHOUDHURY Sayeed Z.

2)GUM Arnold Jason

(57) Abstract :

Methods, apparatuses, and systems are provided to process search queries initiated at a mobile computing device based, at least in part, on a state of the mobile computing device as indicated by one or more of travel speed, travel direction, and geographic location of the mobile computing device.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1504/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : SYSTEMS AND METHODS EMPLOYING A PHYSICALLY ASYMMETRIC SEMICONDUCTOR DEVICE HAVING SYMMETRICAL ELECTRICAL BEHAVIOR □

(51) International classification :H01L 21/8234
(31) Priority Document No :12/638,557
(32) Priority Date :15/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/060546
Filing Date :15/12/2010
(87) International Publication No :WO/2011/084501
(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)YANG Haining
2)GAN Chock H.
3)WANG Zhongze
4)HAN Beom-Mo

(57) Abstract :

An integrated circuit device comprising a first elongate structure and a second elongate structure arranged parallel to each other and defining a space therebetween. The integrated circuit device also includes conductive structures distributed in the space between the first and second elongate structures. At least a first one of the conductive structures is placed closer to the first elongate structure than to the second elongate structure. At least a second one of the conductive structures is placed closer to the second elongate structure than to the first elongate structure.

No. of Pages : 24 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1582/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :25/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : BIOMETRIC INFORMATION MEASURING DEVICE AND BIOMETRIC INFORMATION MEASURING SYSTEM

(51) International classification	:A61B 5/02	(71)Name of Applicant :
(31) Priority Document No	:2009-267156	1)KUROKI Shigehiro
(32) Priority Date	:25/11/2009	Address of Applicant :3-2 Midori 5-chome Shimotsuke-shi
(33) Name of priority country	:Japan	Tochigi 3290433 Japan
(86) International Application No	:PCT/JP2010/071206	2)SANYO SOUKEN Ltd.
Filing Date	:22/11/2010	(72)Name of Inventor :
(87) International Publication No	:WO/2011/065516	1)KUROKI Shigehiro
(61) Patent of Addition to Application	:NA	2)YAMASHITA Shiro
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Though mechanocardiogram is considered to have a high medical value, mechanocardiogram recording device is large in size and very expensive, obtained data lacks reliability, a measurement algorithm has not been settled, use of an apexcardiogram for diagnosis is not useful for diagnosis of the circulatory system, and there has been no measuring equipment capable of measuring pexcardiogram which contribute to determination of heal condition of a living body to be measured. For measurement of heartbeat of a living body, measuring device which allows simple measurement of apexcardiogram at bedside has been developed using a pressure sensor and/or wave sensor capable of measuring change in pressure at multiple portions adjacent to one another, and simple electronic circuit. Data processing algorithm for obtaining health information of a living body to be measured with high reliability from measured apexcardiogram and a biometric information measuring device having a new data processing algorithm on board have been developed to solve the problem.

No. of Pages : 135 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1059/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : AN EXEMPLARY IMPLEMENTATION OF LOAD PROFILE AND THD PROFILE ON ELECTRONIC TRIP UNITS OF CIRCUIT BREAKER USING AN INTUITIVE TOUCHSCREEN BASED 262K COLOR LCD-TFT DISPLAY

(51) International classification	:H01H71/16
(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

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(72)**Name of Inventor :**
1)BISHNOI BHANWAR LAL
2)LANDE APEKSHA BALASAHEB
3)AGARWAL VIVEK SANJAY

(57) Abstract :

The present invention generally relates to Electronic Trip units for circuit breakers. More particularly, the present invention provides improved electronic trip assembly for protection and control of circuit breakers. This assembly comprises assembly comprises a computing means for calculating active power, reactive power, apparent maximum demand data and the likes based on load profile; an interfacing means adapted to provide for a touch based navigation and providing for load profile data.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1060/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : FLOATING PUNCH ARRANGEMENT IN PRESS TOOLS (PROGRESSIVE DIES) FOR BENDING OPERATION

(51) International classification	:B21D28/14
(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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(72)**Name of Inventor :**
1)GOEL, AMAN, P
2)KOLHATKAR, ASHUTOSH, P.
3)REDDY, GANGULA, A.

(57) Abstract :

The present invention relates generally to the field of pressing tools. More particularly the present invention relates to an improved press tool assembly for progressive punching operation and a method thereof. Earlier Separate tools for Blanking and bending operations were used. In stage tooling the component removal after final bending was also difficult. In contrast, the present construction can work on any mechanical press & any value of Press stroke. The undercut formation does not create hindrance to feeding of strip or coil during movement in progressive operations.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1590/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : SYSTEM AND METHOD FOR CREATING AND MANAGING A STORED VALUE ACCOUNT ASSOCIATED WITH A CLIENT UNIQUE IDENTIFIER □

(51) International classification :G06Q 20/00
(31) Priority Document No :61/292,735
(32) Priority Date :06/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/020226
Filing Date :05/01/2011
(87) International Publication No :WO/2011/085003
(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)YOUNG Frank T.
3)ACKERMAN Ben D.
4)DELAINE Gwenael B.
5)DORMAN Lindsey K.
6)KRAAR Eric R.

(57) Abstract :

A method for creating and managing a stored value account associated with a client device is disclosed and may include receiving one of a merchant identifier and an unbranded place holder to associate with the stored value account, receiving an amount of value to assign to the stored value account, and creating a virtual token for the stored value account that is associated with the client device. The method may further include creating a unique identifier associated with a client device, if a stored value account is associated with a merchant identifier, then creating an account number, and if a stored value account is associated with a merchant identifier, then creating an association between the account number and the unique identifier and between the account identifier and the merchant identifier in a database.

No. of Pages : 70 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1592/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : TRANSPORT LAYER MODIFICATION TO ENABLE TRANSMISSION GAPS □

(51) International classification :H04N 7/24
(31) Priority Document No :61/292,389
(32) Priority Date :05/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/020228
Filing Date :05/01/2011
(87) International Publication No :WO/2011/085005
(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)RAVEENDRAN Vijayalakshmi R.
2)BHAMIDIPATI PhaniKumar K.
3)DETERMAN James T.

(57) Abstract :

White space devices are operable to communicate information over white space and, more specifically, to quiet a transmitter to enable sensing signals in the white space. A method for inconspicuous quieting of a transmitter in a white space communication device modifies a transport stream for transmission by the transmitter of the white space device to provide a null window of time. The null window does not contain essential information. At least a portion of the modified transport stream is transmitted by the transmitter of the white space device. The transmitter is quieted during the null window, and white space sensing is performed during the null window.

No. of Pages : 26 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1492/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : CASTING DELIVERY NOZZLE □

(51) International classification	:B22D 11/06
(31) Priority Document No	:12/631,280
(32) Priority Date	:04/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/AU2010/001634
Filing Date	:03/12/2010
(87) International Publication No	:WO/2011/066622
(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)BOWMAN Brian
3)WOODBERRY Peter A
4)PONDER Clark

(57) Abstract :

A metal delivery apparatus for casting metal strip includes at least one elongated segment having a main portion extending longitudinally through the main portion with end walls at opposite ends thereof, the main portion communicating with outlets along opposite sides of each segment adapted to upwardly discharge flow of molten metal into a casting pool.

No. of Pages : 39 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1576/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : CERTAIN TRIAZOLOPYRIDINES AND TRIAZOLOPYRAZINES&NBSP; COMPOSITIONS THEREOF AND METHODS OF USE THEREFOR □

(51) International classification	:C07D 487/04
(31) Priority Document No	:PCT/CN2009/076321
(32) Priority Date	:31/12/2009
(33) Name of priority country	:Argentina
(86) International Application No	:PCT/CN2010/080499
Filing Date	:30/12/2010
(87) International Publication No	:WO/2011/079804
(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)SU Wei-Guo

2)JIA Hong

3)DAI Guangxiu

(57) Abstract :

Provided are certain triazolopyridines and triazolopyrazines, compositions thereof and methods of use therefor.

No. of Pages : 119 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1744/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : RENEWABLE ENERGY SOURCE INCLUDING AN ENERGY CONVERSION STRUCTURE AND A BEARING COMPONENT

(51) International classification :F24J2/54,F16C17/02,F16C33/16	(71) Name of Applicant :
(31) Priority Document No :61/291799	1)SAINT GOBAIN PERFORMANCE PLASTICS PAMPUS GMBH
(32) Priority Date :31/12/2009	Address of Applicant :Am Nordkanal 37 47877 Willich
(33) Name of priority country :U.S.A.	Germany
(86) International Application No :PCT/EP2010/070975	(72) Name of Inventor :
Filing Date :31/12/2010	1)WEIDEN Janaki
(87) International Publication No :WO 2011/080335	2)HELDMANN J rg
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

A power generation structure for generating power from a renewable energy source including a base an energy conversion structure connected to the base and an articulating joint between the base and the energy conversion structure the articulating joint comprising a bearing member having a body including a composite material having a rigid material and a friction reducing material overlying the rigid material wherein the rigid material comprises a material selected from the group of consisting of aluminum and stainless steel.

No. of Pages : 51 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1745/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : SYSTEM AND METHOD FOR OPTIMISING COMBUSTION IN PULVERISED SOLID FUEL BOILERS, AND BOILER INCLUDING SUCH A SYSTEM

(51) International classification :F23C6/04,F23K3/00,F23N5/24
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/ES2010/070039
Filing Date :22/01/2010
(87) International Publication No :WO 2011/089283
(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)CA ADAS SERRANO, Luis

4)DELGADO LOZANO, Miguel ngel

5)PORTILLA DE LA CONCHA COBANO Miguel Angel

6)MORALES RODR GUEZ, Miguel

(57) Abstract :

The system comprises a boiler (1), main burner groups (2F, 2E, 2D, 2C) located on different levels or zones through which pulverized solid fuel is injected into the boiler (1) and main mills (3F, 3E, 3D, 3C) for solid fuel, where each of them is connected to one of the main burner groups (2F, 2E, 2D, 2C) to which a flow of solid fuel is directed. As a complement, it incorporates a substitution mill (3B) intended to operate only on the main burner group (2F, 2E, 2D, 2C) whose main associated mill (3F, 3E, 3D, 3C) has stopped, as well as a support mill (3A) which operates constantly and directs an additional flow of solid fuel towards the main burner group or groups (2F, 2E, 2D, 2C) selected, supplementing the flow of solid fuel provided by the main mills (3F, 3E, 3D, 3C).

No. of Pages : 23 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1746/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : ARRANGEMENT AND METHOD FOR OPTIMIZING THE POSITION OF AT LEAST ONE AIR DEFLECTOR

(51) International classification :B62D35/00,B60K31/00,B60W30/14
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/SE2009/000519
Filing Date :15/12/2009
(87) International Publication No :WO 2011/075009
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)VOLVO LASTVAGNAR AB
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(72)Name of Inventor :
1)TENSTAM Anders

(57) Abstract :

The present invention discloses an arrangement and method for optimizing a position of at least one air deflector guiding an airflow around the vehicle particularly of a truck or truck trailer combination during driving wherein the position of the at least one air deflector is determined by an actuator which is controlled in response to a sensed control signal indicating the air resistance of the vehicle wherein the speed of the vehicle is controlled by means of a vehicle driving control system for providing a constant speed of the vehicle during the optimization and wherein the position of the at least one air deflector is varied until the control signal indicates a minimized air resistance of the vehicle.

No. of Pages : 25 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1751/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : DEVICE AND METHOD FOR HEAT TREATING STEEL WIRES

(51) International classification :C21D9/52,C21D9/56,C21D9/573
(31) Priority Document No :A 153/2010
(32) Priority Date :04/02/2010
(33) Name of priority country :Austria
(86) International Application No :PCT/AT2011/000039
Filing Date :25/01/2011
(87) International Publication No :WO 2011/094775
(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)PICHLER Hans Peter

(57) Abstract :

The invention relates to a furnace (1) for heat-treating at least one elongated, in particular metal object such as one or more wires (2), in particular steel wires, in a continuous process, comprising a furnace entrance (3) and a furnace exit (4) and one or more furnace sections (5), which extend between the furnace entrance (3) and the furnace exit (4) and form a first shaft (8), wherein in the furnace (1), in particular in the first shaft (8), one or more heating elements (6) for setting a temperature in the one or more furnace sections (5) are arranged, and wherein the elongated, in particular metal object can be transported along the first shaft (8). According to the invention, at least one second shaft (9) connected to the first shaft (8) and at least one fan (7) are provided, wherein an atmosphere in the furnace (1) can be circulated by the fan in the circuit along the first shaft (8) and the second shaft (9). The invention further relates to a module for heat-treating at least one elongated, in particular metal object such as one or more wires (2), in particular steel wires, in a continuous process, and to a device comprising a furnace (1) and such a module, and to a method for heat-treating at least one elongated metal object such as one or more wires (2), in particular steel wires, in a continuous process.

No. of Pages : 36 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :12/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : PROCESS FOR PRODUCING RESIN SUBSTRATE HAVING HARD COATING LAYER AND RESIN SUBSTRATE HAVING HARD COATING LAYER

(51) International classification	:B05D 3/06, B05D 5/00
(31) Priority Document No	:2010-012228
(32) Priority Date	:22/01/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/051126
Filing Date	:21/01/2011
(87) International Publication No	:WO/2011/090172
(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)Kyoko Yamamoto

2)Takashi Shibuya

(57) Abstract :

To provides a process for producing a resin substrate having a hard coating layer which is capable of forming hard coating having sufficient abrasion resistance on a resin substrate and a resin substrate having a hard coating layer excellent in the abrasion resistance. A process for producing a resin substrate having a hard coating layer on at least one side of a resin substrate comprising in the following order a step of applying a hard coating composition containing an organopolysiloxane to at least one side of the resin substrate to form a coating film of the composition and then applying a first heat treatment to the coating film to form a cured film;

No. of Pages : 39 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1755/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : SATELLITE BASED SAR SERVICES

(51) International classification	:G01S19/17,G08B23/00	(71)Name of Applicant :
(31) Priority Document No	:10 2010 005 582.4	1)ASTRIUM GMBH
(32) Priority Date	:22/01/2010	Address of Applicant :ROBERT-KOCH-STRASSE 1, 82024
(33) Name of priority country	:Germany	TAUFKIRCHEN, Germany
(86) International Application No	:PCT/DE2011/000061	(72)Name of Inventor :
Filing Date	:21/01/2011	1)TRAUTENBERG, Hans L.
(87) International Publication No	:WO 2011/088824	
(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 satellite-based SAR system having a space segment (10) with a plurality of satellites (12, 14) and a ground segment (16) with one or a plurality of ground stations (18), wherein a satellite (12) receives a position report (20) from an emergency transmitter (22) in its service area (24) and forwards it to a ground station (18), the ground segment (16) stores the position of the emergency transmitter, received with the last position report, in a management system (26) for emergency transmitters, the emergency transmitter sends position reports (21) to the satellite such that the reception of position reports at the satellite is coordinated such that at any time only position reports arrive which differ with regard to their signal parameters such that simultaneous reception is possible, and a rescue operation is initiated for the emergency transmitter if no deactivation message has been received from the emergency transmitter and no position report is received from the emergency transmitter within a specified period.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1505/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : SESSION-TRIGGERED PUSHING OF GROUP COMMUNICATION DATA □

(51) International classification :H04W 4/10

(31) Priority Document No :12/689,690

(32) Priority Date :19/01/2010

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

(86) International Application No :PCT/US2011/021648

Filing Date :19/01/2011

(87) International Publication No :WO/2011/090982

(61) 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

United States of America

(72)Name of Inventor :

1)LINDNER Mark Aaron

(57) Abstract :

Exemplary techniques for sending data packages, such as media objects, during group communication sessions between wireless telecommunication devices, such as push-to-talk communication sessions, are disclosed. In one embodiment, the data packages, such as discrete data packages, are queued at the transmitting wireless communication device and then sent to other group members upon establishment of channels for group communications to the group members. The data packages can also be queued at the group communication server prior to being sent to a target device.

No. of Pages : 60 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1506/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : SCALABLE ROUTING FOR MOBILE STATION NAVIGATION WITH LOCATION CONTEXT IDENTIFIER □

(51) International classification	:G01C 21/20
(31) Priority Document No	:61/295,149
(32) Priority Date	:14/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/021414
Filing Date	:14/01/2011
(87) International Publication No	:WO/2011/088407
(61) 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
United States of America
(72)**Name of Inventor :**
1)DAS Saumitra Mohan
2)KHORASHADI Behrooz
3)HARDIE Edward Thomas Lingham

(57) Abstract :

Examples disclosed herein may relate to identifying up to a specified amount of points of interest nearest to an estimated position of a mobile station on a first map, selecting a second map identified by a first location context identifier associated with a first point of interest of the identified points of interest, and determining a route from the estimated position of the mobile station to a destination point using the first map and the second map.

No. of Pages : 68 No. of Claims : 60

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1589/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : PRODUCTION OF SHEETED FRUIT SNACKS □

(51) International classification :A23B 7/16
(31) Priority Document No :11/669,751
(32) Priority Date :30/01/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2008/052049
Filing Date :25/01/2008
(87) International Publication No :WO/2008/094830
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1433/MUMNP/2009
Filed on :30/07/2009

(71)Name of Applicant :

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(72)Name of Inventor :

1)BAKER Rosemary Shine

2)CREMER Brenda K.

3)CROSBY Thomas George

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6)MEJIA Carla

7)MILLER Kelly Sam

8)MORIARITY Nancy J.

9)NIERMANN Jason Thomas

10)ROOT Timothy F.

11)SHEPPARD Mark W.

12)STALDER Jim

13)WATERS Beverly L.

14)WAYNE Jo Ellen

(57) Abstract :

The present invention discloses formulations for sheeted, baked fruit and vegetable chips that have a light, crispy texture similar to a potato chip. The ingredients are combined with water and oil to make a dough, which is then sheeted and cut into pieces. The pieces are baked to produce vegetable and fruit snack chips.

No. of Pages : 26 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1760/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : VEHICLE DOOR REINFORCEMENT STRUCTURE

(51) International classification	:B60J5/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/SE2009/000523
Filing Date	:17/12/2009
(87) International Publication No	:WO 2011/075010
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)VOLVO LASTVAGNAR AB
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(72)**Name of Inventor :**
1)SVEDBERG Jonas
2)WIKMAN Andreas
3)MICHAUD Errol
4)STALHAMMAR Carl
5)BORGED Svante

(57) Abstract :

The invention relates to a vehicle door with (17) provided with a reinforcing structure (10) which improves handling of impact energy in the longitudinal direction of the vehicle by transferring impact energy received by the A pillar (13) to the door through the door hinges (14 15) and the reinforcing structure to the B pillar of the vehicle frame (12).

No. of Pages : 25 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1761/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHOD FOR DIAGNOSING AN EXHAUST GAS AFTERTREATMENT DEVICE

(51) International classification	:F01N3/20,F01N11/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VOLVO LASTVAGNAR AB
(32) Priority Date	:NA	Address of Applicant :SE 405 08 G teborg Sweden
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:PCT/SE2009/000530	1)DAHL Johan
Filing Date	:18/12/2009	2)K „LLEN Per Olof
(87) International Publication No	:WO 2011/075015	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for controlling a reductant buffer level in an exhaust gas after treatment device connectable downstream of an internal combustion engine said method comprising the steps of: performing a first reductant injection of a first amount upstream said exhaust gas after treatment device performing a second reductant injection of a second amount upstream said exhaust gas after treatment device which second amount is different to said first amount evaluating the NOx conversion resulting from said first and second reductant injections downstream said exhaust gas after treatment device to obtain a first and second result controlling a further reductant injection in dependence of the first and second results from said first and second NOx conversion evaluations.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1756/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : HOUSING POT FOR ACCOMMODATING A FILTER ELEMENT IN A FILTER DEVICE

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:B01D35/16,B01D46/00 :10 2010 006 715.6 :02/02/2010 :Germany :PCT/EP2010/067485 :15/11/2010 :WO 2011/095239 :NA :NA :NA :NA	(71) Name of Applicant : 1)MANN+HUMMEL GMBH Address of Applicant :HINDENBURGSTR. 45, 71638 LUDWIGSBURG, Germany (72) Name of Inventor : 1)HIRSCH, MELANIE 2)VOGT Frank
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(57) Abstract :

The invention relates to a housing pot for accommodating a filter element in a filter device comprising a recess, into which a bushing having a form-fit element is inserted, wherein the form-fit element engages with the edge delimiting the recess in the bottom of the housing pot in a form-fit manner.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1757/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHOD AND SYSTEM FOR CONTROLLING A VEHICLE CRUISE CONTROL

(51) International classification	:B60K31/00,B60W30/14	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VOLVO LASTVAGNAR AB
(32) Priority Date	:NA	Address of Applicant :S-405 08 GOETEBORG, Sweden
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:PCT/EP2009/009169	1)ERIKSSON, ANDERS
Filing Date	:21/12/2009	2)BJERNETUN, JOHAN
(87) International Publication No	:WO 2011/076226	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Method and cruise control system for controlling a vehicle cruise control comprising the steps of driving said vehicle with said cruise control active and set to maintain a vehicle set target Speed (Vcc set target speed); registering current vehicle condition which comprises at least a current vehicle position (A) a currently engaged gear ratio available gear ratios current vehicle speed available maximum propulsion torque and road topography of coming travelling road comprising a next coming uphill slope; based on said current vehicle condition predicting a downshift at a coming vehicle position (C) in said coming uphill slope due to vehicle speed decrease and selecting at least one activity which results in that said downshift can be postponed or avoided; controlling said cruise control according to said selected activity in order to postpone or avoid for example a downshift from a direct gear and thereby saving fuel.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1758/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : A METHOD FOR DETERMINING A MARKER IN SMALL VOLUME OF A SAMPLE OF A BODILY FLUID

(51) International classification	:G01N21/86
(31) Priority Document No	:10 001 817.5
(32) Priority Date	:23/02/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/052613
Filing Date	:22/02/2011
(87) International Publication No	:WO 2011/104238
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)B.R.A.H.M.S GMBH
Address of Applicant :NEUENDORFSTRABE 25, 16761
HENNIGSDORF, Germany
(72)**Name of Inventor :**
1)ECKHARDT Florian

(57) Abstract :

The invention refers to a method for determining a marker in a small volume of a sample of a bodily fluid the method comprising the steps of: providing a flow test element having a plurality of functional zones (3 4 5 6 7) the plurality of functional zones (3 4 5 6 7) being at least partially fluidly connected and comprising an application zone (3) and a testing zone (5) fluidly connected to the application zone (3) and configured for determination of a marker in a bodily fluid and / or a constituent of the bodily fluid applying a small volume of a liquid sample to the sample application zone (3) of the flow test element determining a correct test performance wherein the step of determining correct test performance comprises the steps of measuring at least one optical parameter for one or more functional zones (3; 4; 5; 6; 7) comparing the at least one optical parameter measured to at least one predefined optical parameter assigned to the one or more functional zones (3; 4; 5; 6; 7) and if the correct test performance is determined determining the marker in the liquid sample by reading the testing zone (5). Also a method for determining a correct test performance for a flow test element is provided.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1759/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHOD AND SYSTEM FOR ENHANCING AN IMAGE

(51) International classification	:G01S13/00
(31) Priority Document No	:202788
(32) Priority Date	:17/12/2009
(33) Name of priority country	:Israel
(86) International Application No	:PCT/IL2010/001071
Filing Date	:16/12/2010
(87) International Publication No	:WO 2011/073990
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ELTA SYSTEMS LTD

Address of Applicant :100 Yitzchak Hanassi Blvd, P.O.B. 330,
77102 Ashdod, Israel

(72)Name of Inventor :

1)Michael ABRAHAM

(57) Abstract :

There are provided a method for computerized generation of an enhanced image based on a plurality of acquired images (e.g. SAR images) and system thereof. The method comprises: (a) receiving a plurality of acquired images each comprising a common area of interest; (b) receiving processing parameters; (c) grouping said plurality of acquired images into one or more groups; (d) processing the images within said one or more groups wherein said processing comprises: i) for each given pixel within the common area of interest calculating a likelihood of discrepancy between respective pixels of the images of said one or more groups thus giving rise to likelihood of discrepancy values characterizing said given pixel; ii) generating a likelihood of discrepancy matrix comprising the likelihood of discrepancy values and characterizing the likelihood of discrepancy for each pixel within the common area of interest; iii) for each of said one or more groups generating an enhanced image while utilizing said likelihood of discrepancy matrix

No. of Pages : 60 No. of Claims : 75

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1395/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : MULTILAYERED STRUCTURE AND METHOD FOR PRODUCING THE SAME □

(51) International classification :B32B 27/28
(31) Priority Document No :2009-273838
(32) Priority Date :01/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/071415
Filing Date :30/11/2010
(87) International Publication No :WO/2011/068105
(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)KAWAI Hiroshi
3)YAMAKOSHI Satoshi
4)ISOYAMA Kouta
5)HIKASA Masao
6)YOSHIDA Kentaro

(57) Abstract :

Disclosed is a multilayered structure that includes no less than 8 resin-layers, the resin-layer including a layer A constituted with a resin composition containing a gas barrier resin, and a layer B constituted with a resin composition containing a thermoplastic resin, at least one of the resin compositions included in the layer A and the layer B that are adjacent with each other containing a metal salt, the content of the metal salt being no less than 1 ppm and no greater than 10,000 ppm in terms of metal element equivalent, and an interlayer adhesive force between the layer A and the layer B being no less than 450 g/15 mm. The layer A and the layer B may be alternately laminated. Moreover, the average thickness of single layer of at least one selected from the layer A and the layer B is preferably no less than 0.01 μm and no greater than 10 μm .

No. of Pages : 112 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1480/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : EYEGGLASS ADAPTED FOR PROVIDING AN OPHTHALMIC VISION AND A SUPPLEMENTARY VISION ☐

(51) International classification :G02C 7/02
(31) Priority Document No :09306318.8
(32) Priority Date :23/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/069512
Filing Date :13/12/2010
(87) International Publication No :WO/2011/076604
(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)BERTHELOT Laurent
2)GELLY G rard
3)ROPTIN Vincent
4)ROUSSEAU Benjamin
5)VIDEMANN Antoine

(57) Abstract :

An eyeglass (10) is adapted for providing an ophthalmic vision and a supplementary vision to a wearer of said eyeglass, both ophthalmic and supplementary visions being sharp during respective periods. To this purpose, a transparent active device (3) is located between the back face (BF) of the eyeglass and a light-conducting element (2), this latter being embedded within the eyeglass and dedicated to output the light of the supplementary vision. The transparent active device switches between two optical power values, which are dedicated to make sharp the ophthalmic vision and the supplementary vision, respectively.

No. of Pages : 17 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1567/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHOD AND APPARATUS FOR RELIABLE TRANSMIT POWER AND TIMING CONTROL IN WIRELESS COMMUNICATION □

(51) International classification	:H04B 7/005
(31) Priority Document No	:60/711,986
(32) Priority Date	:26/08/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2006/033240
Filing Date	:25/08/2006
(87) International Publication No	:WO/2007/025137
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:541/MUMNP/2008
Filed on	:24/03/2008

(71)Name of Applicant :

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Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714
United States of America

(72)Name of Inventor :

1)SANKAR Hari

2)MONTJOJO Juan

(57) Abstract :

Techniques for improving reliability of control information are described. A transmitter determines if improved reliability is applicable for at least one control symbol to be sent in a timeslot. The transmitter sends the control symbol(s) without improved reliability if deemed not applicable and with improved reliability if deemed applicable. A receiver receives the control symbol(s) and identifies each received control symbol as a reliable control symbol or an unreliable control symbol based on the received signal quality of the received control symbol and a threshold. The receiver adjusts a control loop based on reliable control symbols. The receiver also combines unreliable control symbols to obtain combined symbols and selectively adjusts the control loop based on the combined symbols. The control loop may be for transmit power or timing.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/02/2012

(21) Application No.439/MUM/2012 A

(43) Publication Date : 22/11/2013

(54) Title of the invention : IRON FORTIFIED LEGUME BASED FLOUR PREMIXES, AND METHOD OF MANUFACTURE THERE OF

(51) International classification	:A21D 2/00	(71)Name of Applicant : 1)PROF. SMITA LELE Address of Applicant :HEAD,FOOD ENGINEERING & TECHNOLOGY DEPARTMENT, INSTITUTE OF CHEMICAL TECHNOLOGY (ICT), NATHALAL PAREKH MARG, MATUNGA (E), MUMBAI-400019 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	2)MR. SHRIPAD AMBEKAR
Filing Date	:NA	3)DR. LAXMI ANANTHANARAYAN
(87) International Publication No	: NA	4)MISS. HEENA SHAH
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PROF. SMITA LELE
(62) Divisional to Application Number	:NA	2)DR. LAXMI ANANTHANARAYAN
Filing Date	:NA	3)MR. SHRIPAD AMBEKAR
		4)MISS. HEENA SHAH

(57) Abstract :

A free-flowing Iron fortified, cereal flour based powder mix comprising an intimate mixture of: (i) 5-50% of cereal flour powder by weight, (ii) 5-50% legume-lentil powder, (iii) 3% Citric acid source (iv) 5-20% of Inorganic Iron source (v) 5-10% of Inorganic Acid source That is compounded to deliver incorporation of Iron rich, legume-lentils powder complete replacement of milk powder, nutritionally beneficial components; natural colour; natural flavour palatable taste; no added fat, monosodium glutamate, no class II preservatives and that is instantly hydratable.

No. of Pages : 29 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1600/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : LIFTING METHOD FOR FORMWORK WORKING PLATFORM

(51) International classification	:E04G3/20, E04G3/28, E04G11/24
(31) Priority Document No	:10-2010-0003275 (KR)
(32) Priority Date	:13/01/2010
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2011/000037
Filing Date	:05/01/2011
(87) International Publication No	:WO/2011/087234
(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)HONG Young Keun

(57) Abstract :

The present invention relates to a lifting method for a formwork working platform in that at a construction site the interval between a temporary work stand and the building structure is easy and simple to reduce when lifting a formwork working platform to a desired height thereby it is possible to gradually lift the formwork working platform in a safe and simple manner in the case of constructing a high-rise building structure and assemble the formwork working platform in a more stable state.

No. of Pages : 39 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1601/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : HYDROGEL MATRIX HAVING INCREASED ABSORPTION CAPACITY FOR LIQUIDS

(51) International classification	:A61L 15/26
(31) Priority Document No	:09016006.0
(32) Priority Date	:24/12/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/007600
Filing Date	:14/12/2010
(87) International Publication No	:WO/2011/082772
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Paul Hartmann AG

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(72)Name of Inventor :

1)JUNGINGER Martin

2)HORNY Julie

(57) Abstract :

The invention relates to a multilayer wound dressing, in particular for moist wound treatment, comprising a first layer as an absorbent layer, which comprises a hydrogel matrix, and at least one second layer, which is applied to the first layer on the side facing away from the wound. The hydrogel matrix comprises 54 to 60 wt% of propylene glycol, a pre-polymer having isophorone diisocyanate end groups and a diamine based on polyethylene oxide in a quantity of a total of 38 to 42 wt%, 0 to 5 wt% of an inorganic chloride, and the remainder water, wherein the ratio of the reactive groups of isocyanate to the amine groups of the diamine is intended to be 1.25 to 1.35.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1602/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : HYDROGEL MATRIX HAVING IMPROVED ADHESIVE PROPERTIES

(51) International classification	:A61L 15/26
(31) Priority Document No	:09016007.8
(32) Priority Date	:24/12/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/007601
Filing Date	:14/12/2010
(87) International Publication No	:WO/2011/095194
(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)HORNY Julie

(57) Abstract :

The invention relates to a multi-layered wound dressing, particularly for the moist wound treatment, comprising a first layer as a wound contact layer, which contains an aqueous hydrogel matrix, and at least a second absorbing layer. The hydrogel matrix comprises 37 to 43% by weight of propylene glycol, a prepolymer with isophorone diisocyanate groups and a diamine on the basis of polyethylene oxide in an amount of a total of 12 to 16.5% by weight, 0 to 5% by weight of an inorganic chloride, and the remainder water, wherein the ratio of the reactive groups of isocyanate to the amine groups of the diamine should be 1.25 to 1.35.

No. of Pages : 53 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.441/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : A SOLVENT EXTRACTION PROCESS FOR REMOVAL OF NAPHTHENIC ACIDS AND CALCIUM FROM LOW ASPHALTIC CRUDE OIL

(51) International classification	:C10G 75/00	(71)Name of Applicant : 1)RELIANCE INDUSTRIES LIMITED Address of Applicant :3RD FLOOR, MAKER CHAMBER - IV, 222, NARIMAN POINT, MUMBAI 400 021, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)BISHT HARENDER
(33) Name of priority country	:NA	2)DAS ASIT KUMAR
(86) International Application No	:NA	3)HAZARIKA BIBEKA
Filing Date	:NA	4)SHOWN BISWAJIT
(87) International Publication No	:N/A	5)RANA D.P.S.
(61) Patent of Addition to Application Number	:NA	6)MARVE MAHESH G
Filing Date	:NA	7)MALVANKER MANTHAN A.
(62) Divisional to Application Number	:NA	8)SHAH PARAS N
Filing Date	:NA	9)IRABATTI ROHIT R.
		10)MANDAL SUKUMAR
		11)SALGARKAR SUYOG S

(57) Abstract :

The present disclosure provides a process for obtaining extracted crude oil (ECO) which is substantially free of naphthenic acids, calcium and other impurities from low asphaltic crude oils or their residue fractions by preferential extraction of saturates using at least one solvent.

No. of Pages : 24 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.499/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : AN IMPROVED COUNTERSUNK LOCKING MECHANISM

(51) International classification	:B25C	(71)Name of Applicant :
	1/00	1)CROMPTON GREAVES LIMITED
(31) Priority Document No	:NA	Address of Applicant :CG HOUSE, DR.ANNIE BESANT
(32) Priority Date	:NA	ROAD, WORLI, MUMBAI 400 030, MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SATHE MAHESH KASHINATH
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	

(57) Abstract :

An improved countersunk locking mechanism adapted to provide abutment between an operative outer surface and an operative inner surface, said operative inner surface comprising a stepped cut which is co-axial with a countersunk bore with a nut fitted in said stepped cut region in order to receive a countersunk screw, said mechanism comprising a countersunk hole on said operative outer surface, said countersunk hole with an annular sloping surface which is a circumcircle to a through hole, said conical surface being a relatively longer conical surface adapted to extend support to at least a portion more than half of a tapering / conical head of a countersunk screw adapted to sit in said mechanism, thereby providing a longer support base for said countersunk screw. The annular sloping surface is of a predefined thickness such that it provides a resilient counter support to said countersunk screw with a conical mating surface which rests on said annular sloping surface such that head of said screw rests in the conical part of said bore, while the stem of said screw mates with the inner side of a nut provided in said stepped cut region.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1778/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : ELASTIC COUPLING

(51) International classification	:F16D 3/68
(31) Priority Document No	:10 2010 005 255.8
(32) Priority Date	:20/01/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/006763
Filing Date	:06/11/2011
(87) International Publication No	:WO/2011/088860
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)VOITH PATENT GMBH

Address of Applicant :Sankt Poeltener Stra ße 43 89520
Heidenheim Germany

(72)Name of Inventor :

1)MISTLBAUER Walter

(57) Abstract :

The invention relates to an elastic coupling - with a primary part; - with a secondary part; - the primary part and the secondary part are twistable to a certain extent relative to one another against the force of springs; - the springs comprise plate-shaped spring plates made of rubber-elastic material; - support plates are arranged between the spring plates; - several carriers for carrying the spring plates and the support plates are arranged in a distributed manner over the circumference of the coupling. The invention is characterized by the following features: - when seen in a top view of the coupling axis each carrier has the contour of a wedge which tapers radially inwardly; - a packet of spring plates and support plates is disposed in an alternating manner on either side of each carrier adjacent to the two wedge surfaces of the carrier.

No. of Pages : 15 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/07/2012

(21) Application No.1779/MUMNP/2012 A

(43) Publication Date : 22/11/2013

(54) Title of the invention : OVERLOAD PROOF PRESSURE SENSOR IN PARTICULAR DIFFERENTIAL PRESSURE SENSOR

(51) International classification:G01L7/08,G01L13/02,G01L19/04

(31) Priority Document No :10 2009 055 149.2

(32) Priority Date :22/12/2009

(33) Name of priority country :Germany

(86) International Application No :PCT/EP2010/067251

Filing Date :11/11/2010

(87) International Publication No :WO 2011/076477

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)ENDRESS+HAUSER GMBH+CO. KG

Address of Applicant :Hauptstrasse 1 79689 Maulburg
Germany

(72)Name of Inventor :

1)THAM Anh Tuan

2)TEIPEN Rafael

3)PHILIPPS Michael

(57) Abstract :

The invention relates to a pressure sensor (1) comprising a sensor body having a sensor chamber in the interior at least one first separating membrane (16a 16b) which is connected to the sensor body forming a first separating membrane chamber (15a 5b); a measuring membrane (2) which divides the sensor chamber into two sub chambers (3a 3b); a transfer fluid with which the first separating membrane chamber the first sub chamber and a channel therebetween are filled in order to transfer pressure to the measuring membrane; wherein the pressure sensor is specified for a temperature range between a minimum temperature and a maximum temperature and for a pressure range wherein the transfer fluid volume in the first sub chamber the first channel and the first separating membrane chamber is sufficient at the minimum temperature to transfer pressure to the measuring membrane over the entire pressure range without the first separating membrane contacting and when the entire oil volume enters the first sub chamber from the first separating membrane chamber in case of overload at maximum temperature and is accommodated by the measuring membrane (2) the measuring membrane undergoes no plastic deformation (1).

No. of Pages : 28 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.502/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : COLD LOAD PICKUP PROTECTION SYSTEM FOR PROTECTION OF FEEDERS AND A METHOD THEREOF

(51) International classification	:H02H 7/26	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :L & T House Ballard Estate Mumbai
(32) Priority Date	:NA	400 001 State of MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)DEY Moumita;
Filing Date	:NA	2)SINHA Deepshika;
(87) 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 generally to a system and method for power system protection and more particularly to a cold load pickup protection system for protection of feeders after load restoration by changing the operation of overcurrent elements and a method thereof. A cold load pickup protection system for protection of feeders after load restoration by changing the operation of overcurrent elements, said system comprising a numerical relay for identifying cold load pick up condition; a HMI unit for providing cold load pickup settings and timer settings; a means for detecting status of a circuit breaker contacts and further sending to the digital input of said numerical relay; and a flex logic screen for adding separate flex logic operands.

No. of Pages : 14 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1613/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : CHANNEL FEEDBACK BASED ON REFERENCE SIGNAL □

(51) International classification :H04L 1/00
(31) Priority Document No :61/294,941
(32) Priority Date :14/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/021409
Filing Date :14/01/2011
(87) International Publication No :WO/2011/088403
(61) 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
United States of America
(72)Name of Inventor :
1)CHEN Wanshi
2)BHATTAD Kapil
3)GAAL Peter
4)GOROKHOV Alexei Yurievitch
5)MONTJOJO Juan

(57) Abstract :

Techniques for supporting channel measurement and reporting in a wireless communication system are described. In one design, a cell transmits a cell-specific reference signal (CRS) used for channel estimation and coherent demodulation and a channel spatial information reference signal (CSI-RS) used for channel measurement and channel feedback reporting. The cell may transmit the CSI-RS less frequently than the CRS, or from more antenna ports than the CRS, or on fewer resource elements than the CRS, or a combination thereof. In one design, a user equipment (UE) determines at least one bandwidth part configured for the UE, with each bandwidth part covering at least one subband. The UE receives the CRS and CSI-RS from the cell, determines channel feedback information for the at least one bandwidth part based on the CSI-RS, sends the channel feedback information to the cell, and receives data transmitted by the cell based on the channel feedback information.

No. of Pages : 43 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1780/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : DEVULCANIZATION OF RUBBER AND OTHER ELASTOMERS

(51) International classification	:C10G1/10,C07C1/00	(71) Name of Applicant :
(31) Priority Document No	:12/690608	1)VERTEX L.L.C.
(32) Priority Date	:20/01/2010	Address of Applicant :15610 West 100th Terrace Lenexa KS
(33) Name of priority country	:U.S.A.	66219 1375 U.S.A.
(86) International Application No	:PCT/US2011/021613	(72) Name of Inventor :
Filing Date	:19/01/2011	1)MARC Michel
(87) International Publication No	:WO 2011/090961	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Particular embodiments of the present disclosure relate to the use of sputtering and more particularly magnetron sputtering in forming absorber structures and particular multilayer absorber structures that are subsequently annealed to obtain desired composition profiles across the absorber structures for use in photovoltaic devices.

No. of Pages : 31 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1781/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : SYSTEM AND METHOD FOR MONITORING THE TIME PERIOD FOR BLOOD PARAMETER MONITORING PROCESSES

(51) International classification	:G06F19/00,G01N35/00	(71)Name of Applicant :
(31) Priority Document No	:10 2010 010 567.8	1)B. BRAUN MELSUNGEN AG
(32) Priority Date	:05/03/2010	Address of Applicant :Carl Braun Str. 1 34212 Melsungen
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2011/053247	(72)Name of Inventor :
Filing Date	:03/03/2011	1)MAIER Hans Otto
(87) International Publication No	:WO 2011/107570	2)D –NHOFF Torsten
(61) Patent of Addition to Application	:NA	3)SCHMOLL Horst
Number	:NA	4)PAETZOLD Matthias
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a system and a method for monitoring in each case at least one blood parameter of the blood of various patients by means of a plurality of access devices for in each case setting up at least one access to the blood of each patient through his skin a plurality of extraction devices in each case for extraction of an amount of blood from each patient in order to obtain at least one blood sample in each case blood analysis devices (7 9) which are used jointly for a plurality of blood samples for analysis of predeterminable parameters of the blood from the blood sample a common calculation device for calculation of medicament parameters for the medicaments to be prescribed to the respective patient on the basis of data records of the determined parameters of the analyzed blood and a plurality of feed devices for feeding in the respective medicament with the calculated medicament parameters.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1782/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : OXYNTOMODULIN PEPTIDE ANALOGUE □

(51) International classification :A61K 38/17

(31) Priority Document No :61/288,884

(32) Priority Date :22/12/2009

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

(86) International Application No :PCT/US2010/060380

Filing Date :15/12/2010

(87) International Publication No :WO/2011/087671

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)ELI LILLY AND COMPANY

Address of Applicant :Lilly Corporate Center Indianapolis
Indiana 46285 United States of America

(72)Name of Inventor :

1)ALSINA-FERNANDEZ Jorge

2)KOHN Wayne David

(57) Abstract :

The present invention provides Oxyntomodulin peptide analogues useful in the treatment of diabetes and/or obesity.

No. of Pages : 35 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.519/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : AN IMPROVED AIR CONDITIONING SYSTEM TO PROVIDE QUALITY AIR AND CAPABLE TO BE OPERATED ON LOW POWER

(51) International classification	:H02M 1/00	(71)Name of Applicant : 1)ARUN GUPTA
(31) Priority Document No	:NA	Address of Applicant :E-4/123, ARERA COLONY, BHOPAL
(32) Priority Date	:NA	- 462 016, MADHYA PRADESH India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)ARUN GUPTA
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	

(57) Abstract :

Most of the spaces where the conventional split & cassette air conditioners are installed, the entry of fresh air is very limited resulting in depleted levels of oxygen, foul smell & in some specific uses smoke also. This is not only un-hygienic but a serious health hazard in many of the air conditioned spaces. To counter this short coming an innovative feature has been added which shall discharge fresh air in the space being air conditioned by installing a blower / compressor in the outdoor unit. The frequency & duration of operation of this unit can be preset by the user depending on the size of the space, number of occupants and the use the room is put to. The other feature is a specifically designed circuit through which only the blower of the indoor unit will continue to run in case of power failure through a normal inverter.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1631/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :02/06/2011

(43) Publication Date : 22/11/2013

(54) Title of the invention : AN EXHAUST SYSTEM FOR AN AUTOMOBILE

(51) International classification	:F16L 3/16	(71)Name of Applicant : 1)TATA MOTORS LIMITED
(31) Priority Document No	:NA	Address of Applicant :BOMBAY HOUSE 24 HOMI MODY
(32) Priority Date	:NA	STREET, MUMBAI-400001, MAHARASHTRA, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SAO ARIJIT
Filing Date	:NA	2)MANDAL GOUTAM
(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	

(57) Abstract :

The present invention discloses the embodiments of an exhaust system for automobile, said exhaust system comprises; a hollow passageway (01), a central baffle (2) provided midway in said hollow passageway (1), a first perforated plate (03) disposed adjacent to said central baffle (2), an inlet pipe (04), an outlet pipe (05), first end cover plate (06) and second end cover plate (07) provided on each end of said hollow passageway (1), second perforated plate (08) provided adjacent to inlet end cover plates, said central baffle (02) divide said hollow passageway (01) into an inlet chamber (09) and an outlet chamber (10) of equal length and volume, axis of said inlet pipe (04) and outlet pipe (05) are perpendicular to that of said hollow passageway (01) and are disposed in said inlet chamber (09) and outlet chamber (10) respectively. The exhaust system is very compact and useful for heavy commercial vehicle.

No. of Pages : 20 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1631/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : COMPOUNDS FOR TREATMENT OF OSTEOPOROSIS □

(51) International classification :A61K 31/00

(31) Priority Document No :0922513.7

(32) Priority Date :23/12/2009

(33) Name of priority country :U.K.

(86) International Application No :PCT/GB2010/052195

Filing Date :22/12/2010

(87) International Publication No :WO/2011/077159

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)HAOMAMEDICA LIMITED

Address of Applicant :1 Brewery House Brook Street
Wivenhoe Colchester Essex CO7 9DS United Kingdom.

(72)Name of Inventor :

1)HODGES Stephen

2)SOPER Robin

(57) Abstract :

According to the invention there is provided a compound of formula (I): wherein R1, R2, R3 and n have meanings given in the description, or a pharmaceutically acceptable solvate, salt or prodrug thereof for use in the treatment of osteoporosis and/or osteopenia.

No. of Pages : 70 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1633/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : IMAGE IDENTIFICATION USING TRAJECTORY-BASED LOCATION DETERMINATION □

(51) International classification	:H04N 1/00
(31) Priority Document No	:12/685,859
(32) Priority Date	:12/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/021011
Filing Date	:12/01/2011
(87) International Publication No	:WO/2011/088135
(61) 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
United States of America
(72)**Name of Inventor :**
1)GUM Arnold Jason
2)GARIN Lionel

(57) Abstract :

The subject matter disclosed herein relates to acquiring information regarding a target object (310,320,330) using an imaging device of a handheld mobile device (300).The approximate position and one or more angles of rotation of the device are used to estimate the target object s location which is used to determine its identity. Information descriptive of the target object may then be displayed

No. of Pages : 43 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1634/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : ANTICOAGULANT COMPOUNDS AND THEIR USE □

(51) International classification :A61K 31/192

(31) Priority Document No :0922510.3

(32) Priority Date :23/12/2009

(33) Name of priority country :U.K.

(86) International Application No :PCT/GB2010/052194

Filing Date :22/12/2010

(87) International Publication No :WO/2011/077158

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)HAOMAMEDICA LIMITED

Address of Applicant :1 Brewery House Brook Street
Wivenhoe Colchester Essex CO7 9DS United Kingdom.

(72)Name of Inventor :

1)HODGES Stephen

2)SOPER Robin

(57) Abstract :

According to the invention there is provided a compound of formula (1): wherein R1, R\ R and n have meanings given in the description, or a pharmaceutically acceptable solvate, salt or prodrug thereof for use as an anticoagulant. AA Incorporation de CO.214 (DPM) BB Inhibition de la carboxylase gamma par du quinate de sodium (VIII) en presence de vitamine 220 µm K1 hydroquinone (n=1) Hydroquinnone K1 (n=1)

No. of Pages : 53 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.517/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : AUTHENTICATION AND SECURED INFORMATION EXCHANGE SYSTEM, AND METHOD THEREFOR

(51) International classification

:H04L

29/06

(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 :

1)NACHIKET GIRISH DESHPANDE

Address of Applicant :501, PEACE HAVEN, 18TH ROAD,
CHEMBUR, MUMBAI. 400 071 Maharashtra India

(72)Name of Inventor :

1)NACHIKET GIRISH DESHPANDE

(57) Abstract :

Disclosed is a system for authentication and secured information exchange. The system includes a plurality of client devices capable of sending and receiving data, and having unique identification. Each client device includes a secured interaction suit as a common platform for applications/browsers on the client device. The secured interaction suit includes a private key for decrypting the data received, and a public key. The system further includes a plurality of servers communicating with the plurality of client devices. Each server is having unique identification and includes a plurality of public keys corresponding to the private keys of the plurality of client devices, and a private key for the corresponding public key of the client devices for decrypting the data received. The system furthermore includes a device identification and management module capable of being interacting with the plurality of client devices and the plurality of servers.

No. of Pages : 35 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1472/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : POWER SYSTEM □

(51) International classification	:F01K 25/00
(31) Priority Document No	:12/621,899
(32) Priority Date	:19/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/002938
Filing Date	:18/11/2010
(87) International Publication No	:WO/2011/061601
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ORMAT TECHNOLOGIES INC.

Address of Applicant :6225 Neil Road Suite 300 Reno NV
89511-1136 United States of America

(72)Name of Inventor :

1)BRONICKI Lucien Y.

2)SHITRIT Shlomo

(57) Abstract :

A power system is provided for delivering a custom level of electrical power to an industrial or commercial facility, comprising a local generator connected to a turbine operating in accordance with an organic Rankine cycle, the local generator having a capacity at least greater than a maximum anticipated power level needed for the electrical needs of a local industrial or commercial facility. One or more control devices are provided for operatively connected to the local generator for regulating active and reactive power generated by the generator for a detector for sensing active voltage induced by said generator. The power system can also function as a fast acting spinning reserve.

No. of Pages : 29 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1635/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : USING OBJECT TO ALIGN AND CALIBRATE INERTIAL NAVIGATION SYSTEM

(51) International classification	:G01C 21/16
(31) Priority Document No	:12/689,085
(32) Priority Date	:18/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/021577
Filing Date	:18/01/2011
(87) International Publication No	:WO/2011/088469
(61) 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
United States of America
(72)**Name of Inventor :**
1)ZHANG Gengsheng
2)GARIN Lionel J.

(57) Abstract :

The initialization of an inertial navigation system is performed using information obtained from an image of an object. Positional and orientational information about the object in a global reference frame and positional and orientational information about the camera relative to the object are obtained from the image. Positional and orientational information for the camera in the global reference frame is determined along with a transformation matrix between inertial sensor reference frame and a navigation coordinate frame. The inertial navigation system is initialized using the positional and orientational information for the camera, the transformation matrix and the velocity of the camera when the object was imaged, i.e., zero. Using the initialized data with measurements from the inertial sensors the position of the mobile platform may be updated during navigation and provided, e.g., on a digital map. Inertial navigation errors may be corrected using

No. of Pages : 33 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1636/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : USE OF GLYCEROL-CONTAINING FORMULAS AS AGENTS FOR ASSISTING THE DRY GRINDING OF MINERAL MATERIALS

(51) International classification	:C09C 1/02,C09C 1/40
(31) Priority Document No	:0958685
(32) Priority Date	:07/12/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/IB10/003074
Filing Date	:01/12/2010
(87) International Publication No	:WO 2011/070416
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)COATEX S.A.S.

Address of Applicant :35, RUE AMPERE, F-69730 GENAY, France

(72)Name of Inventor :

1)GUILLOT, MURIELLE

2)MONGOIN, JACQUES

3)GUERRET, OLIVIER

(57) Abstract :

The invention consists in the use, as a dry grinding aid agent of a mineral matter chosen from among the dolomites, talc, titanium dioxide, alumina, kaolin and calcium carbonate, the function of which is to reduce the specific grinding energy and to increase the grinding capacity, of formulations containing glycerol.

No. of Pages : 23 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2722/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :18/09/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : CALL RESTORATION IN RESPONSE TO APPLICATION FAILURE

(51) International classification	:H04L12/00, H04Q11/00	(71)Name of Applicant : 1)AVAYA INC
(31) Priority Document No	:13/476, 789	Address of Applicant :211, MOUNT AIRY ROAD BASKING
(32) Priority Date	:21/05/2012	RIDGE NEW JERSEY 07920 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)BRUNSON, GORDON R.
Filing Date	:NA	2)BALASAYGUN, MEHMET C.
(87) International Publication No	:N/A	3)MENDIRATTA, HARSH V.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A communication system, method, and components are described. Specifically, the method described herein provides the ability for an application sequence of a communication session to be reconstructed during the communication session and even though SIP standards dictate that the reconstruction of the application sequence should be denied and the session should be terminated.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.647/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :12/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : A METHOD OF TREATMENT FOR ACNE AND AN ANTI-ACNE FORMULATION

(51) International classification	:A61K31/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PIRAMAL LIFE SCIENCES LIMITED
(32) Priority Date	:NA	Address of Applicant :PIRAMAL TOWER, GANPATRAO
(33) Name of priority country	:NA	KADAM MARG, LOWER PAREL, MUMBAI 400 013,
(86) International Application No	:NA	MAHARASHTRA, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)DR. SHARMA SOMESH
(61) Patent of Addition to Application Number	:NA	2)DR. SUTAR ASHISH
Filing Date	:NA	3)SALKAR KAVITA
(62) Divisional to Application Number	:NA	4)KEDAR SANDIP
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to an anti-acne formulation comprising at least one active ingredient selected from the group consisting of coumarin based compounds of Formula I and Formula II; Formula I Formula II or pharmaceutically acceptable salts, polymorphs and derivatives thereof, and at least one pharmaceutically acceptable excipient. The present disclosure also relates to its application for preventing/curing/treating various acne conditions.

No. of Pages : 22 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1762/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : WINDING/UNWINDING DEVICE AND METHOD FOR WINDING/UNWINDING A METAL PRODUCT IN A ROLLING LINE

(51) International classification	:B21C47/24, B21B1/46	(71)Name of Applicant :
(31) Priority Document No	:UD2009A000239	1)DANIELI & C. OFFICINE MECCANICHE SPA
(32) Priority Date	:30/12/2009	Address of Applicant :Via Nazionale 41 I 33042 Buttrio Italy
(33) Name of priority country	:Italy	(72)Name of Inventor :
(86) International Application No	:PCT/EP2010/070857	1)SANDRIN Luca
Filing Date	:29/12/2010	2)WESSEL Karl Heinz
(87) International Publication No	:WO 2011/080300	3)ROIATTI Stefano
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Device (10) and method for winding/unwinding rolled products (20). The device (10) is interposed between a rolling unit located upstream (102) and a rolling unit located downstream (105). The device (10) comprises a heating furnace (11) and a support structure (16) disposed outside the heating furnace (11). On the support structure (16) substantially in a diametrically opposite position two winding/unwinding drums (18a 18b) are assembled positioned inside the furnace (11). The support structure (16) is selectively rotating to alternatively dispose a first of the two drums (18a or 18b) in its winding position or in its unwinding position of a reel (29). A second of the two drums (18b or 18a) consequently assuming the opposite unwinding or winding position.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.503/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHOD OF AUTORECLOSING DURING TRANSIENT FAULTS

(51) International classification	:H02H 7/26	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :L & T House Ballard Estate Mumbai
(32) Priority Date	:NA	400 001 State of MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)DEY Moumita;
Filing Date	:NA	2)SINHA Deepshika;
(87) 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 generally to a method of electrical system protection and more particularly to a method of auto reclosing during transient faults thus improving electrical system stability using a numeric relay. A method of auto reclosing during transient faults thus improving electrical system stability using a numeric relay, said method comprising the steps of: providing input setting for auto reclose status and breaker status; providing time settings to dead timer and reclaim timer; processing protection algorithm logic in a numerical relay, said relay giving closing command to breaker through a hardware interface; opening breaker contacts by making lockout flag high.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.734/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :20/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : A SYSTEM AND METHOD TO PROVIDE DIFFERENTIATED WIRELESS CONNECTIVITY

(51) International classification	:G06F3/00
(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	: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 :**
1)RAHUL GANESH AGALE
Address of Applicant :B4,901,MONT VERT PRISTINE CHS,
BEHIND KIRKEE RAILWAY STATION, PUNE - 411020
STATE OF MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)RAHUL GANESH AGALE
2)ABHIJEET S. WAKLE
3)MANISH SHRAVAN KAMBLE

(57) Abstract :

The present invention relates to wireless communication system and method thereof, it is a system and method to enable differentiated wireless connectivity to a communication device with a remote gateway.

No. of Pages : 33 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.787/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :23/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : PROJECT DELIVERY SYSTEM

(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)TATA CONSULTANCY SERVICES LIMITED
Address of Applicant :Nirmal Building 9th Floor Nariman
Point Mumbai 400021 Maharashtra India
(72)**Name of Inventor :**
1)LAL Manoj Kumar

(57) Abstract :

Systems and methods for managing projects are described herein. In one implementation, the computer implemented method for delivering projects includes obtaining project detail components comprising at least one of a project scope definition, a project business requirements set, a project technical requirements set and a project test requirements set. The method further includes retrieving at least one project analysis rule, pertaining to the project, wherein the at least one project analysis rule integrates a plurality of the project detail components of the project details; analyzing the project detail components, based on the at least one project analysis rule; and determining, based on the analyzing, an inconsistency parameter, indicative of inconsistencies present in at least one of the project scope definition, the project business requirements set, and the project technical requirements set. The method further comprises creating a system design report for completion the project based in part on the analyzing.

No. of Pages : 42 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1511/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : ADAPTIVE CLOCK GENERATORS&NBSP; SYSTEMS&NBSP; AND METHODS □

(51) International classification	:H03K 3/03
(31) Priority Document No	:12/637,321
(32) Priority Date	:14/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/060361
Filing Date	:14/12/2010
(87) International Publication No	:WO/2011/081951
(61) 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
United States of America
(72)Name of Inventor :
1)GARG Manish
2)CHAI Chiaming
3)BRIDGES Jeffrey Todd

(57) Abstract :

Adaptive clock generators, systems, and related methods than can be used to generate a clock signal for a functional circuit to avoid or reduce performance margin are disclosed. In certain embodiments, a clock generator autonomously and adaptively generates a clock signal according to a delay path(s) provided in a delay circuit(s) relating to a selected delay path(s) in the functional circuit(s). The clock generator includes a delay circuit(s) adapted to receive an input signal and delay the input signal by an amount relating to a delay path(s) of a functional circuit(s) to produce an output signal. A feedback circuit is coupled to the delay circuit(s) and responsive to the output signal, wherein the feedback circuit is adapted to generate the input signal back to the delay circuit(s) in an oscillation loop configuration. The input signal can be used to provide a clock signal to the functional circuit(s).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1597/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : SCALE SPACE NORMALIZATION TECHNIQUE FOR IMPROVED FEATURE DETECTION IN UNIFORM AND NON-UNIFORM ILLUMINATION CHANGES □

(51) International classification	:G06K 9/46
(31) Priority Document No	:61/293,437
(32) Priority Date	:08/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/020613
Filing Date	:08/01/2011
(87) International Publication No	:WO/2011/085277
(61) 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
United States of America
(72)Name of Inventor :
1)VADDADI Sundeep
2)HONG John H.
3)HAMSICI Onur C.
4)LEE Chong U.

(57) Abstract :

A normalization process is implemented at a difference of scale space to completely or substantially reduce the effect that illumination changes has on feature/keypoint detection in an image. An image may be processed by progressively blurring the image using a smoothening function to generate a smoothened scale space for the image. A difference of scale space may be generated by taking the difference between two different smoothened versions of the image. A normalized difference of scale space image may be generated by dividing the difference of scale space image by a third smoothened version of the image, where the third smoothened version of the image that is as smooth or smoother than the smoothest of the two different smoothened versions of the image. The normalized difference of scale space image may then be used to detect one or more features/keypoints for the image.

No. of Pages : 51 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1764/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : BICYCLIC THIAZOLES AS ALLOSTERIC MODULATORS OF MGLUR5 RECEPTORS

(51) International classification :C07D513/04,A61K31/428,A61K31/429
(31) Priority Document No :09179850.4
(32) Priority Date :18/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/069972
Filing Date :16/12/2010
(87) International Publication No :WO 2011/073347
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)JANSSEN PHARMACEUTICA NV
Address of Applicant :Turnhoutseweg 30 B 2340 Beerse Belgium
(72)Name of Inventor :
1)MACDONALD Gregor James
2)TRESADERN Gary John
3)TRABANCO SU REZ Andr s Avelino
4)PASTOR FERN NDEZ Joaquin

(57) Abstract :

The present invention relates to novel bicyclic thiazoles of formula (I) which are positive allosteric modulators of the metabotropic glutamate receptor subtype 5 (mGluR5) and which are useful for the treatment or prevention of disorders associated with glutamate dysfunction and diseases in which the mGluR5 subtype of receptors is involved. The invention is also directed to pharmaceutical compositions comprising such compounds to processes for preparing such compounds and compositions and to the use of such compounds and compositions for the prevention and treatment of disorders in which mGluR5 is involved.

No. of Pages : 57 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.792/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : A MECHANICAL CLUTCH ACTUATION SYSTEM FOR A VEHICLE

(51) International classification	:F16D 13/56	(71) Name of Applicant : 1)TATA MOTORS LIMITED
(31) Priority Document No	:NA	Address of Applicant :Bombay House 24 Homi Mody Street
(32) Priority Date	:NA	Hutatma Chowk Mumbai 400 001 MAHARASHTRA,
(33) Name of priority country	:NA	INDIA.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)DEEPAK R R
(87) International Publication No	: NA	2)MOHIRE SUJIT S
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure provides a mechanical clutch actuation system of a vehicle. The system comprises a support bracket, a pedal arm pivotally mounted to said support bracket at first pivot point using suitable means. A first link consisting of an upper end and a lower end pivotally connected at predetermined location of the pedal arm through the upper end of the first link. A bell crank lever consisting of a first end, center area of pivot and a second end; and the first link is pivotally and slidably connected to the first end of the bell crank and the bell crank is pivotally mounted to the support bracket at a second pivot point through the centre area of pivot. The system further comprises a preloaded tension spring connected between the bell crank lever the support bracket to assist the system during clutch disengagement.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1008/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR MAXIMUM EFFICIENCY TRACKING IN VARIABLE SPEED GENERATOR

(51) International classification	:H02P9/08	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CROMPTON GREAVES LIMITED
(32) Priority Date	:NA	Address of Applicant :CG HOUSE, 6TH FLOOR, DR.ANNIE
(33) Name of priority country	:NA	BESANT ROAD, WORLI, MUMBAI-400 030,
(86) International Application No	:NA	MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)SAHA RAJA
(61) Patent of Addition to Application Number	:NA	2)WACHASUNDAR SHRIPAD
Filing Date	:NA	3)HASSAN HAFIZ IMTIAZ
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system for maximum efficiency tracking in variable speed generator system, said system comprises: flow meter adapted to be associated with an engine / generator of said variable speed generator system for sensing flow rate of fuel to said engine / generator; varying means adapted to vary speed of said engine / generator; means to record fuel flow rate at a first instance before varying speed of said engine / generator in order to obtain an old flow rate; means to record fuel flow rate at a second instance before varying speed of said engine / generator in order to obtain a new flow rate; and control module adapted to control engine / generator speed in relation to comparison of said new flow rate and old flow rate in accordance with pre-determined parameters of working.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1481/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : ADAPTIVE MONITORING METHOD FOR UPDATE DETECTION IN A MOBILE BROADCAST NETWORK □

(51) International classification	:H04W 4/06
(31) Priority Document No	:12/683,880
(32) Priority Date	:07/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/020577
Filing Date	:07/01/2011
(87) International Publication No	:WO/2011/085246
(61) 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
United States of America
(72)Name of Inventor :
1)GAO Qiang
2)XUE Qi
3)PAZOS Carlos

(57) Abstract :

Information included within metadata broadcast within an overhead flow of a mobile broadcast network enables receiver devices to determine when metadata updates will occur. The mobile broadcast network can include within metadata messages information related to a time for the next metadata update. Using this information, receiver devices can determine when the next metadata update will occur and de- energize the receiver until that time. Enabling mobile devices to remain de-energized until the next metadata update improves their power efficiency. Synchronizing mobile devices to access the overhead flow for updated metadata reduces the content delivery latency that the system must accommodate, thereby improving system flexibility and bandwidth efficiency. Specify the time of a next metadata update enables the broadcast system to change the rate and timing at which metadata updates are performed.

No. of Pages : 39 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1641/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHOD FOR DETERMINING THE CORRELATION BETWEEN A RECEIVED USER PROFILE AND A STORED USER PROFILE □

(51) International classification	:H04W 4/00
(31) Priority Document No	:12/652,378
(32) Priority Date	:05/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/020269
Filing Date	:05/01/2011
(87) International Publication No	:WO/2011/085037
(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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5775 Morehouse Drive San Diego California 92121-1714
United States of America

(72)**Name of Inventor :**
1)KRISHNASWAMY Dilip
2)PARK Vincent D.

(57) Abstract :

A wireless node configured to store information, discover another wireless node by correlating the stored information with assist information from said another wireless node, and determine whether to establish a wireless link with said another wireless node based, at least in part, on the correlation.

No. of Pages : 49 No. of Claims : 84

(12) PATENT APPLICATION PUBLICATION

(21) Application No.836/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR DYNAMIC MEMBER SEGMENTATION AND TARGETING

(51) International classification	:G06Q	(71)Name of Applicant :
	10/06	1)Tata Consultancy Services Limited
(31) Priority Document No	:NA	Address of Applicant :Nirmal Building 9th Floor Nariman
(32) Priority Date	:NA	Point Mumbai 400021 MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)Venkatesh Krishnamoorthy
Filing Date	:NA	2)Padashwini Raghunathan
(87) International Publication No	: NA	3)Rashmi Rupireddy
(61) Patent of Addition to Application Number	:NA	4)Govindarajan Krishnan
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method for dynamic segmentation of members and further rewarding or transmitting one or more promotional notifications to members having an associated member profile wherein the member profile includes one or more updatable attributes the method comprising the steps of retrieving a segmentation rule from a promotion rule stored in a database based on triggering of a promotion or notification; dynamically assessing the qualification of members based on matching corresponding predetermined value of one or more attributes of the segmentation rule with the value of the updatable attribute of the member profile based on a rule criteria of the segmentation rule; rewarding or notifying based on a promotion or notification rule.

No. of Pages : 22 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1820/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : PROTOCOL FOR SIGNALLING DURING AN ACCESS PERIOD INFORMATION FOR SELECTING ANTENNA BEAMS □

(51) International classification	:H04W 74/08
(31) Priority Document No	:61/300,863
(32) Priority Date	:03/02/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/023640
Filing Date	:03/02/2011
(87) International Publication No	:WO/2011/097406
(61) 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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5775 Morehouse Drive San Diego California 92121-1714
United States of America
(72)**Name of Inventor :**
1)SAMPATH Hemanth
2)TAGHAVI NASRABADI Mohammad Hossein
3)ABRAHAM Santosh P.
4)VERMANI Sameer

(57) Abstract :

Various methods and apparatuses for transmitting an allocation of time in a wireless communication system are disclosed. In one aspect allocations of time for receiving and transmitting control communications are determined. The control communications may comprise a channel time request.

No. of Pages : 40 No. of Claims : 64

(12) PATENT APPLICATION PUBLICATION

(21) Application No.547/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : MULTILAYERED INFRARED LIGHT REFLECTIVE STRUCTURE

(51) International classification	:G02B	(71)Name of Applicant :
(31) Priority Document No	5/08	1)INDUSTRIAL TECHNOLOGY RESEARCH
(32) Priority Date	:NA	STRUCTURE
(33) Name of priority country	:NA	Address of Applicant :NO. 195, SEC.4, CHUNG HSING RD.,
(86) International Application No	:NA	CHUTUNG, HSINCHU, 31040, TAIWAN
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)HSIANG-CHUAN CHEN
(61) Patent of Addition to Application Number	:NA	2)MEI-CHING CHIANG
Filing Date	:NA	3)CHIN-CHING LIN
(62) Divisional to Application Number	:NA	4)JEN-YOU CHU
Filing Date	:NA	5)YI-PING CHEN
		6)PAO-TANG CHUNG

(57) Abstract :

The invention provides a multilayered infrared light reflective structure. The multilayered infrared light reflective structure includes a transparent substrate. A doped oxide film is disposed on the transparent substrate. An oxide isolated layer is disposed on the doped oxide film, thereby allowing incident light to be incident from a top surface of the transparent substrate into the multilayered infrared light reflective structure.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.549/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : A TURN-AND-TWIST TYPE ISOLATOR WITH RACK AND PINION ARRANGEMENT.

(51) International classification	:B62K 21/14	(71)Name of Applicant : 1)CROMPTON GREAVES LIMITED
(31) Priority Document No	:NA	Address of Applicant :CG HOUSE, 6TH FLOOR, DR.
(32) Priority Date	:NA	ANNIE BESANT ROAD, WORLI, MUMBAI-400 030,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SATHE MAHESH
(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	

(57) Abstract :

A turn-and-twist type isolator with rack and pinion arrangement, said isolator comprises: base plate coaxial with a bushing on an isolator centre pole adapted to angularly displace said base plate in tandem with angular displacement of said isolator centre pole, said base plate comprising at least a rack assembly adapted to engage with at least a pinion assembly, said pinion assembly coupled with an operating rod of said isolator, said rack assembly and said pinion assembly provided such that angular displacement of said base plate provides turn movement of said turn-and-twist type isolator and pinion movement on said rack provides twist movement of said turn-and-twist type isolator.

No. of Pages : 30 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/03/2012

(21) Application No.727/MUM/2012 A

(43) Publication Date : 22/11/2013

(54) Title of the invention : STABLE COMPOSITION OF FESOTERODINE

(51) International classification

:C07B57/00

(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

: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 :

1)ASTRON RESEARCH LIMITED

Address of Applicant :10TH FLOOR, PREMIER HOUSE,
BODAKDEV, OPP. GURUDWARA SARKHEJ-
GANDHINAGAR HIGHWAY, AHMEDABAD 380054,
GUJARAT, INDIA

(72)Name of Inventor :

1)NILESH BHIKHABHAI PATEL

2)SHASHANK BABABHAI PATEL

3)RONAK RAJENDRABHAI PATEL

4)UMESH SETTY

5)VIJAYSINH VANVIRSINH CHAUHAN

6)JAYANTA KUMAR MANDAL

(57) Abstract :

The present invention relates to a stable pharmaceutical composition comprising Fesoterodine or pharmaceutically acceptable salt thereof, amorphous hydrated silicon dioxide and other suitable pharmaceutically acceptable excipients; wherein process for preparation of a stable pharmaceutical composition comprising step of pre-drying of excipients and the composition is devoid of sugar alcohol. Further, the present invention also provides process for the preparation of said composition.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.880/MUM/2012 A

(43) Publication Date : 22/11/2013

(54) Title of the invention : THE SHED OVER TRAFFIC SIGNAL'S

(51) International classification

:B60Q
1/50

(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 :

1)SARODE KSHITIJ BADAL

Address of Applicant :FLAT NO-205, NIRMAN HERITAGE,
SAI NAGAR, NEAR MANEWADA RING ROAD, NAGPUR
440 027, MAHARASHTRA, INDIA

(72)Name of Inventor :

1)SARODE KSHITIJ BADAL

(57) Abstract :

This project is a development of the idea of shade. Due to rising global warming in the world and the city falling under sub tropical region ,it is evident to have an increase in the maximum temperature every year in summer. In the harsh and scorching sun of the hot region, this shelter is the beginning of providing the essential comfort zone to the public in the open space .the project is just the inception of changing the neglected, deteriorating situation of the place, climate of the place is pleasant in winter and rainy season but the summer is harsh. . It is impossible to provide shelter or overhead canopy giving shade all along the road. The most solution in the context is to provide the shelter to the vehicular traffic on the signals of the roads or the public halt stops which are numerous and supportive to the thought.

No. of Pages : 12 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.687/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : A PROCESS FOR THE PRODUCTION OF SYNTHETIC RED IRON OXIDE PIGMENTS FROM AQUEOUS FERROUS CHLORIDE WASTE

(51) International classification	:C01G49/06	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DCW LIMITED
(32) Priority Date	:NA	Address of Applicant :NIRMAL, 3RD FLOOR, NARIMAN
(33) Name of priority country	:NA	POINT, MUMBAI 400 021, MAHARASHTRA, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)YADAV BABURAM
(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	

(57) Abstract :

Process for the production of synthetic red iron oxide pigments from aqueous ferrous chloride waste. The process comprises enriching the aqueous waste with ferrous chloride and purifying the aqueous waste to obtain purified aqueous solution of ferrous chloride containing ferrous iron (Fe++) 100 - 200 gm/l. Red iron oxide (hematite-Fe₂O₃) seeds are produced by reacting diluted purified ferrous chloride containing ferrous iron (Fe++) in 40-60 gm/l and ammonium chloride with aqueous ammonia with simultaneous oxidation of the ferrous iron using an oxygen containing gas under shear mixing of the seed slurry by intense agitation of the seed slurry. The red iron oxide seeds are conditioned and grown into red iron oxide pigments by treating the seed slurry at 85-95 °C by injecting steam into the seed slurry with simultaneous oxidation and precipitation of the seeds with continuous feeding of an oxygen containing gas and aqueous ferrous chloride to maintain the ferrous iron concentration in the seed slurry at 40 to 60 g/l and with simultaneous pH adjustment of the seed slurry at 3 - 5 with an aqueous ammonia and under shear mixing of the seed slurry by intense agitation of the seed slurry. Following this, the pigments are recovered from the pigment slurry. Also synthetic red iron oxide pigments of high purity and chroma and optionally ammonia and calcium chloride obtained from aqueous ferrous chloride waste.

No. of Pages : 32 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.902/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : MECHANICAL INTERLOCKING ARRANGEMENT OF MCCB

(51) International classification	:H02H 7/30	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :L&T HOUSE, BALLARD ESTATE,
(32) Priority Date	:NA	MUMBAI-400001, STATE OF MAHARASHTRA, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)OCHANI, DEEPAK M
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	

(57) Abstract :

The present invention relates to an interlocking arrangement for interlocking plural MCCBs. The arrangement comprises at least two MCCBs (M1 & M2) connected to each other by means of a mounting plate (3) and having operating knobs (K1 & K2), at least two actuator means (A1 and A2) pivotally mounted on the mounting plate and in proximity to respective knobs K1 and K2 such that in operation said knobs comes in engagement with said actuator means A1 and A2.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.903/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : AN IMPROVED INTRINSIC ROTARY OPERATED MECHANISM FOR CIRCUIT BREAKER

(51) International classification	:H01H 83/00	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :L&T HOUSE, BALLARD ESTATE,
(32) Priority Date	:NA	MUMBAI-400001, STATE OF MAHARASHTRA, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)CHOLERA RUBIN
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 relates to an intrinsic rotary operated mechanism for use in circuit breakers. The mechanism comprises a Rotary handle (4e) means directly coupled with the Bevel Pinion (4d) means which drives the Bevel Gear (4a) means. The Bevel Pinion (4d) means is part of the Bevel Pinion Assembly (4b) which comprises The Bevel Pinion (4d) means assembled onto a bearing plate (4c) means which provides the bearing for the Bevel Pinion (4d) means. The Bevel Pinion Assembly (4b) is directly mounted on the side plate (3a) means of a conventional mechanism module (3). The Bevel Gear (4a) means is directly coupled to the Fork link (3e) means of a conventional mechanism module (3). Hence the rotary handle means (4e) drives the Fork link (3e) means of a mechanism module (3) through a pair of Bevel Gears. The said intrinsic rotary operated mechanism can be converted to an linear knob operated mechanism by a minimum change in components, i.e., by disassembling the Bevel Gear Means (4a) and the Bevel Pinion Assembly (4b) from the mechanism module and attaching the Linear Knob (3g) means to the same.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1534/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : TAGGING OF MULTIMEDIA CONTENT WITH GEOGRAPHICAL LOCATION BY THE USER OF A WIRELESS COMMUNICATIONS DEVICE □

(51) International classification	:H04W 4/02
(31) Priority Document No	:12/652,457
(32) Priority Date	:05/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/020255
Filing Date	:05/01/2011
(87) International Publication No	:WO/2011/085025
(61) 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
United States of America
(72)**Name of Inventor :**
1)SHUMAN Mohammed A.
2)ANSARI Yasser

(57) Abstract :

A system, method, and wireless communication device that provide a mobile user with selective access to information based on a predefined trigger such as a user's vicinity. In an embodiment, selected information from a first wireless communication device of a communication group may be associated with a geographic location and stored. A portion of the information may be selectively transmitted to a second wireless communication device of the communication group when the second wireless communication device is determined to be proximate to the geographic location associated with the information. In one embodiment, the second wireless communication device may receive the information automatically based on trigger settings.

No. of Pages : 45 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1617/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : SIGNALING MECHANISMS&NBSP; TEMPLATES AND SYSTEMS FOR CREATION AND DELIVERY OF INTERACTIVITY EVENTS ON MOBILE DEVICES IN A MOBILE BROADCAST COMMUNICATION SYSTEM □

(51) International classification	:H04N 7/173
(31) Priority Document No	:61/294,753
(32) Priority Date	:13/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/021209
Filing Date	:13/01/2011
(87) International Publication No	:WO/2011/088263
(61) 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
United States of America

(72)Name of Inventor :
1)GUPTA Binita
2)PILIPSKI Eitan
3)PITCHAIMANI Rajkumar
4)CHITTULURI Suryanarayana C.
5)RINEY Carla L.

(57) Abstract :

Systems, apparatus and methods provide an automatic capability for generating interactivity event applications for execution on receiver devices within a broadcast network based upon interactivity event application data, information and sequence logic. Interactivity event content providers may provide to a broadcast network interactivity event application data, event metadata information and sequence logic a broadcast network. Interactive sequences may be created and transmitted over a broadcast network on short notice. Interactive sequences may be created on-demand, based on the context and content of a monitored real-time channel. Interactive sequences may be scheduled based on the content of a live broadcast program. Application data, resources and templates may be delivered to a mobile receiving device in-band, along with a broadcasted interactivity event.

No. of Pages : 178 No. of Claims : 115

(12) PATENT APPLICATION PUBLICATION

(21) Application No.521/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : WATERFLOW DRIVEN WATER PUMP.

(51) International classification	:F04B 17/00	(71)Name of Applicant : 1)RAMESHBHAI H. PANCHAL
(31) Priority Document No	:NA	Address of Applicant :TO & POST - MACHHAVA, TAL.
(32) Priority Date	:NA	KHERALU, DIST-MEHESANA, PIN-384130, GUJARAT,
(33) Name of priority country	:NA	INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RAMESHBHAI H. PANCHAL
(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	

(57) Abstract :

A device is useful for irrigation of water in agriculture or industry. It continuously pumps out the water from flowing water without using any electricity or crude oil. It does not pollute environment. It is comprised of metal ring frame with attached wooden plates and series of pipes mounted on hollow central shaft. These wooden plates are fixed equidistant on ring shaped frame in such way that running water can set motion of this device. Now series of pipes for collection of water is fixed on metal frame which collect water during circular movement of metal ring and pumps in to central hollow pipe for ejection of water for use.

No. of Pages : 7 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.918/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : FUEL TANK MOUNTING ARRANGEMENT

(51) International classification	:B62D 21/11	(71)Name of Applicant : 1)Tata Motors Limited
(31) Priority Document No	:NA	Address of Applicant :Bombay House 24 Homi Mody Street
(32) Priority Date	:NA	Hutatma Chowk Mumbai 400 001 MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)Mr. Ashwani Garg Mr. Shailesh Vishwakarma Mr.
Filing Date	:NA	Pawan S. Cholkar
(87) 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 fuel tank, mounting arrangement having at least one bracket mounted on a vehicle rail and at least one strap to hold the tank. The fuel tank mounting arrangement of the present invention further includes a spacer bracket. The spacer bracket is introduced between the vehicle rail and the main fuel tank mounting bracket to enable the mounting of the fuel tank bracket on a suspension spring hanger mounting bracket and move the fuel tank to the extreme front of the vehicle. The invention relates to the protection arrangement also in which the unique protective cage acts as fender for front tyre assembly and protects the fuel tank assembly from stone/bushes, etc. The invention provides an opportunity to enhance the fuel tank capacity to improve the range with optimum space utilization which is an important aspect in commercial vehicle application.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.881/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : ORGANIC FERTILIZER AND PROCESS FOR PREPARATION OF THE SAME

(51) International classification	:C05F11/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ABELLON CLEANENERGY LTD
(32) Priority Date	:NA	Address of Applicant :ABELLON CLEAN-ENERGY
(33) Name of priority country	:NA	LIMITED., 10TH FLOOR,SANGEETA COMPLEX, NR.
(86) International Application No	:NA	PARIMAL RAILWAY CROSSING, ELLISBRIDGE,
Filing Date	:NA	AHMEDABAD-380006, GUJARAT, INDIA
(87) International Publication No	:N/A	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)PATEL PANKAJ
Filing Date	:NA	2)PATEL BEENA
(62) Divisional to Application Number	:NA	3)DUBEY ANIL
Filing Date	:NA	

(57) Abstract :

The present invention relates to novel organic fertilizer and process for preparation of the same. More particularly, the present invention relates novel fertilizer act as Organic Soil enhancer and plant nutrition and process for production of the same. The present invention also provides process for production of novel organic fertilizer comprising steps of mechanical mixing of a portion of different Organic compounds, Micro Nutrients, Macro Nutrients, Organic Carbon, Micro-flora and Bio-char in specific % to get desired organic fertilizer to fulfill the current need of the soil for better fertility.

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

(54) Title of the invention : APPARATUS AND METHOD FOR TRANSFORMING PLASTIC PREFORMS INTO PLASTIC CONTAINERS, WITH COUPLED PIVOTING AND LOCKING MOVEMENTS

(51) International classification	:B29C 49/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)KRONES AG
(32) Priority Date	:NA	Address of Applicant :BOEHMERWALDSTRAÙE 5 93073
(33) Name of priority country	:NA	NEUTRAUBLING Germany
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MICHAEL NEUBAUER
(87) International Publication No	:N/A	2)FLORIAN GELTINGER
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Apparatus (1) for transforming plastic preforms (10) into plastic containers (10a), comprising at least one blow moulding station (8) arranged on a movable carrier (2), wherein this blow moulding station (8) comprises a blow mould carrier (6) for holding a blow mould (4a, 4b) and this blow mould carrier (6) comprises a first blow mould carrier part (6a) and a second blow mould carrier part (6b) which is pivotable with respect to the first blow mould carrier part (6a) relative to a predefined first pivot axis (Y) in order to open and close the blow mould (4a, 4b), and wherein the blow moulding station (8) furthermore comprises a lock mechanism (80) for locking the first blow mould carrier part (6a) with respect to the second blow mould carrier part (6b), and the lock mechanism (80) comprises a first lock element (82) arranged at least indirectly on the first blow mould carrier part (6a) and a second lock element (84) arranged at least indirectly on the second blow mould carrier part (6b), wherein the lock elements (82, 84) cooperate in a locked state of the blow mould carrier parts (6a, 6b), wherein at least the first lock element (82) is movable with respect to the carrier (2) relative to a second predefined axis (X). According to the invention, the pivoting movement of the first blow mould carrier part (6a) and the movement of the first lock element (82) are coupled to one another by means of a coupling device (70) in such a way that, at least at times during a movement of the first lock element (82) relative to the second predefined axis (X), the second predefined axis (X) moves with respect to the carrier (2) in a direction perpendicular to the second axis (X).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.937/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : AUTOMATED SPRAYING SYSTEM

(51) International classification	:B05B 13/00	(71)Name of Applicant : 1)SUMMIT ENGINEERS & CONSULTANTS PRIVATE LIMITED
(31) Priority Document No	:NA	Address of Applicant :F-93, AMBAD MIDC, NASHIK- 422010, MAHARASHTRA, INDIA.
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor : 1)RAVINDRA MAHADEOKAR
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	

(57) Abstract :

An automated spraying system (100) for spraying primer/adhesive on metal workpiece is disclosed. The system (100) comprises a rotatable device (118, 120) for engaging the workpiece, spraying means (106, 114) for coating the workpiece, a plurality of sensors for monitoring at least one operating parameter, and a control means for receiving data from the sensors and controlling the operation of the rotatable device (118, 120) and the spraying means (106, 114). The system provides an easy automatic operation which is safe and controllable and provides an even coat on the outside and/or inside surfaces of the workpiece. The system can be used to spray one or more workpiece in one cycle.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1422/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : OSMOTIC WATER TRANSFER SYSTEM AND RELATED PROCESSES

(51) International classification :B01D 61/08
(31) Priority Document No :61/285,824
(32) Priority Date :11/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/059983
Filing Date :12/12/2010
(87) International Publication No :WO/2011/072277
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Hydration Systems LLC
Address of Applicant :9311 E. Via De Ventura Scottsdale
Arizona 85258 United States of America.
(72)**Name of Inventor :**
1)HERRON John R.
2)BEAUDRY Edward

(57) Abstract :

A forward osmosis water transfer system is disclosed which recycles water from an incoming wastewater stream into an outgoing dilute process brine stream. The system includes a saturated brine stream, a first portion of which is diverted to form a saturated process brine stream and a second portion of which is diverted to at least one forward osmosis membrane. The at least one forward osmosis membrane moves water from the incoming wastewater stream into the incoming diverted saturated brine stream thereby creating an outgoing concentrated wastewater stream and the outgoing dilute process brine stream.

No. of Pages : 25 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1748/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : SYSTEM AND METHOD FOR ASYNCHRONOUSLY AND INDEPENDENTLY CONTROLLING CORE CLOCKS IN A MULTICORE CENTRAL PROCESSING UNIT □

(51) International classification	:G06F1/32
(31) Priority Document No	:61/286,967
(32) Priority Date	:16/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/059535
Filing Date	:08/12/2010
(87) International Publication No	:WO/2011/084328
(61) 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
United States of America
(72)**Name of Inventor :**
1)RYCHLIK Bohuslav
2)IRANLI Ali
3)SALSBERY Brian J.
4)SUR Sumit
5)THOMSON Steven S.
6)GLENN Robert A.

(57) Abstract :

A method of controlling core clocks in a multicore central processing unit is disclosed and may include executing a zeroth dynamic clock and voltage scaling (DCVS) algorithm on a zeroth core and executing a first DCVS algorithm on a first core. The zeroth DCVS algorithm may operable to independently control a zeroth clock frequency associated with the zeroth core and the first DCVS algorithm may be operable to independently control a first clock frequency associated with the first core.

No. of Pages : 31 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1749/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : DEFORMABLE WHEEL ASSEMBLY

(51) International classification	:B60B19/00,B60B9/00
(31) Priority Document No	:61/300159
(32) Priority Date	:01/02/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IL2011/000115
Filing Date	:01/02/2011
(87) International Publication No	:WO 2011/092709
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)GALILEO WHEEL LTD.
Address of Applicant :1 Hamelacha St. 71520 Lod Israel
2)COHN Ariel
(72)**Name of Inventor :**
1)NOVOPLANSKI Avishay

(57) Abstract :

A locomotion assembly is provided suitable to be used in a vehicle. The locomotion assembly comprises a frustum conical structure comprising at least one flexible member having a frustum conical surface extending between its relatively narrow and wide ends along a frustum conical axis the frustum conical member being reversibly deformable from its biased rounded shape corresponding to a frustum conical shape in which its side elevation is circular into a deformed frustum conical shape in which its side elevation is non circular. The frustum conical structure may serve for supporting at least one surface engaging member convertible between a round wheel like configuration in which its side elevation is substantially circular and a deformed configuration in which its side elevation is non circular and in which a larger portion of the surface engaging member is in contact with a movement surface.

No. of Pages : 44 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1750/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : ENCAPSULATION DEVICE HAVING IMPROVED SEALING

(51) International classification :H01L51/52,H01L51/44,H01L31/048
(31) Priority Document No :09 58948
(32) Priority Date :14/12/2009
(33) Name of priority country :France
(86) International Application No :PCT/EP2010/069235
Filing Date :09/12/2010
(87) International Publication No :WO 2011/073073
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)Commissariat l nergie atomique et aux nergies alternatives
Address of Applicant :25 rue Leblanc B timent Le Ponant D
F 75015 Paris France
2)UNIVERSITE DE SAVOIE
(72)Name of Inventor :
1)CROS St phane
2)ALBEROLA Nicole
3)GARANDET Jean Paul
4)MORLIER Arnaud

(57) Abstract :

The invention relates to an encapsulation device (2) comprising two casings (12) made of a flexible polymer material, each delimiting a sealed space, and at least one hydrophobic material (14) filling each of said casings, said casings (12) being stacked and sealingly interconnected at the peripheral edges thereof, a sealed space (6) then being defined between the two casings for receiving a device to be encapsulated (4).

No. of Pages : 27 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.941/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : AN ENGINE CONTROL UNIT (ECU) OF A VEHICLE

(51) International classification	:F02D 45/00	(71) Name of Applicant : 1)TATA MOTORS LIMITED Address of Applicant :Bombay House 24 Homi Mody Street Hutatma Chowk Mumbai 400 001 MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)VISHWAS M VAIDYA
(87) International Publication No	: NA	2)YOGESH N JADHAV
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure presents an ECU of a vehicle. The ECU comprises a battery an ignition switch a transient detection circuit a transistor switch a delay circuit a CPU and a power back-up circuit. When the ignition switch is ON the power is provided to the ECU from the battery. When a transient voltage is detected the transient detection circuit breaks the power to the CPU by switching a transistor switch. Also upon detecting the transient voltage the CPU switches to sleep mode upon. The power back-up circuit provides power to the CPU during the sleep mode. During ignition off condition the delay circuit in the ECU provides power to the CPU for a predetermined time and in this predetermined time the CPU transfers one or more vehicle parameters from volatile memory to non-volatile memory.

No. of Pages : 20 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.837/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : MODULAR DIGITAL MEDIA CONTROLLER

(51) International classification	:G06F12/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA CONSULTANCY SERVICES LIMITED
(32) Priority Date	:NA	Address of Applicant :Nirmal Building 9th Floor Nariman
(33) Name of priority country	:NA	Point Mumbai 400021 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JHA Deepak
(87) International Publication No	: NA	2)SRIVASTAV Atul
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Method and system for providing modular capabilities (110) to a digital media controller (DMC) (102) are described. In one embodiment, one or more modular capability (110) prescribing functionalities are selected from a capability repository (108) based on user requirements. The functionalities are provided to the DMC (102) based on at least one or more library files (130) and at least one setting file (132), wherein each of the library files (130) and setting file (132) correspond to each of the one or more modular capability (110). Further, one or more additional modular capability (110) are selected from the capability repository (108) based on additional requirements of the user. The selected additional modular capability (110) are then provided to the DMC (102) by including at least adding the at least one of additional library files library files (130) and replacing setting file (132) with a new setting file.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.889/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : A PROCESS FOR THE PRODUCTION OF REGENERATED VISCOSE FIBRE OR FILAMENTS WITH IMPROVED FIBRE PROPERTIES

(51) International classification	:D01F	(71)Name of Applicant :
(31) Priority Document No	11/02	1)BIRLA RESEARCH INSTITUTE FOR APPLIED SCIENCES
(32) Priority Date	:NA	Address of Applicant :BIRLAGRAM-456 331 NAGDA.
(33) Name of priority country	:NA	(MADHYA PRADESH), INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ADITYA NARAYAN SHRIVASTAVA
(87) International Publication No	:N/A	2)RAJEEV KUMAR SHARMA
(61) Patent of Addition to Application Number	:NA	3)PARVEEN SURANGE
Filing Date	:NA	4)KISHORE SHOUCHE
(62) Divisional to Application Number	:NA	5)RAVINDRA BHATNAGAR
Filing Date	:NA	

(57) Abstract :

The invention relates to a process for the production of regenerated viscose fibre or filaments with improved fibre properties by adopting a circular ring guide, reducing immersion depth and keeping angle of emerging filament near to 90 degree. The process comprising adopting a circular ring guide, reducing immersion depth, maintaining required angle of emerging filament, soaking a rayon grade pulp in caustic soda solution of 17.5-19.5% to produce alkali cellulose which having 33 - 35% cellulose and 15 -16% sodium hydroxide. Further, shredding the alkali-cellulose, ageing same to get a viscosity of cellulose in the range of 5 - 8 Cps, converting the alkali-cellulose into cellulose xanthate by reacting with 30 - 35% carbon di sulphide (on cellulose) under the temperature range of 25 ° - 30 °C, preparing a viscose solution from the xanthate by dissolving-in dilute caustic soda solution (10%) and said solution having 8 -11% cellulose and 50 - 60% caustic soda/cellulose ratio. Allowing the filter viscose solution to ripen and thereafter subjecting the ripened solution to spinning (regeneration in to filaments) in a spin bath which contains 7.0 -12.0% sulphuric acid, 0.5 - 1.5% zinc sulphate, 20 - 30% sodium sulphate and the temperature is maintained at 40-50 °C during spinning, immersion depth at 300-400 mm, spinning speed at 35-50 m/min and the formed filaments are air stretched to 40-60% by using circular ring guide (ceramic guide) when comparative strength improves from 2.4-2.6 gpd (is 400 mm) to 2.7-2.8 gpd is 300 mm depth.

No. of Pages : 35 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.945/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : SELF ALIGNMENT OF PLUG AND SOCKET TYPE CONNECTORS IN DRAW-OUT ASSEMBLIES

(51) International classification	:H01H 9/00	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :L&T HOUSE, BALLARD ESTATE,
(32) Priority Date	:NA	MUMBAI-400001, STATE OF MAHARASHTRA, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)MISTRY, BHARAT, N
Filing Date	:NA	2)LASTE, ROHIDAS, H
(87) International Publication No	:N/A	3)KUMAR PRAVEEN S
(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 generally to electrical switching devices. More particularly the present invention relates to an improved connector assembly for draw out type electrical switching devices. Said assembly comprising a male connector assembly having a fixing bracket and a plurality of guiding pins; a female connector assembly having a fixing bracket, a connector fixing bracket having a guiding cylinder welded thereon, a plurality of spring means and screws; wherein said males and female connector adapted to connect in service condition and disconnect in draw out position.

No. of Pages : 15 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1621/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : A REHABILITATION EXERCISE AID □

(51) International classification	:A63B 23/00
(31) Priority Document No	:2009905850
(32) Priority Date	:30/11/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/001553
Filing Date	:19/11/2010
(87) International Publication No	:WO/2011/063449
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ARNSTEIN Joel

Address of Applicant :West End House Water Lane
Smarden Kent TN27 8QB United Kingdom

(72)Name of Inventor :

1)ARNSTEIN Joel

(57) Abstract :

The present invention relates to a rehabilitation exercise aid. The exercise aid includes an actuator for extending from a first body part. An alarm unit can be fastened to a second body part and coupled to the actuator. The alarm unit is configured to generate an alarm when the first body part moves beyond a target relative to the second body part. In one embodiment, the actuator includes an elongate biasing means for biasing the alarm unit toward the first body part.

No. of Pages : 16 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.512/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : FREEZING BUBBLES AIR CONDITIONER

(51) International classification	:A63C 19/10	(71)Name of Applicant : 1)SAURABH KALIKA SHARMA
(31) Priority Document No	:NA	Address of Applicant :SHRINIWAS COLONY, HOUSE NO:
(32) Priority Date	:NA	169, WARDHA, PIN 442001. Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SAURABH KALIKA SHARMA
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	

(57) Abstract :

An air conditioner which uses a medium water between cooling coils and air for faster and efficient air cooling is disclosed. This creates a possibility of using ice in cooling the room which reduces the electrical consumption in cooling. According to availability of ice the user can cut down the electrical consumption. The user may use no electrical power in cooling by adding ice time to time in the freezing mixture. Any type of air pump may be used in the device. By using such device the air cooling becomes faster and efficient.

No. of Pages : 15 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.996/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : STARTING SYSTEM

(51) International classification	:F02N 11/08	(71) Name of Applicant : 1)TATA MOTORS LIMITED Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET, MUMBAI-400001, 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)SUJIT S MOHIRE
Filing Date	:NA	2)SANDEEP ANANDRAO SALUNKHE
(87) International Publication No	:N/A	3)MAHESH SHINDE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The disclosure relates to engine starting system. The system helps in improving the starting performance of the engine while addressing the performance and durability issues of the vehicle aggregates (especially Powertrain aggregates) due to deterioration in performance of the starting system components like battery, The said system will aid in improving the starting performance by adding and removing the capacitor bank, as and when required. This will ensure the required performance of starting system even when the battery condition is deteriorated, which otherwise would have affected the vehicle aggregates.

No. of Pages : 12 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.997/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : HYDRAULIC PUMP MOUNTING ARRANGEMENT

(51) International classification	:F16D	(71)Name of Applicant :
(31) Priority Document No	31/02	1)TATA MOTORS LIMITED
(32) Priority Date	:NA	Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY
(33) Name of priority country	:NA	STREET, HUTATMA CHOWK, MUMBAI-400001,
(86) International Application No	:NA	MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)SHAILESH VISHWAKARMA
(61) Patent of Addition to Application Number	:NA	2)ASHWANI GARG
Filing Date	:NA	3)PAVAN S CHOLKAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a hydraulic pump mounting arrangement for an automobile having a chassis carrying an operating power source. The hydraulic pump mounting arrangement includes a propeller shaft driven by the operating power source of the automobile; a hydraulic pump connected to and driven by the propeller shaft; and a hydraulic pump mounting bracket adapted to be mounted on a longitudinal member of the chassis and hold the hydraulic pump, thereby supporting the hydraulic pump on the longitudinal member of the chassis.

No. of Pages : 17 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.998/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : DISK BRAKE SYSTEM

(51) International classification	:F16D 65/02	(71)Name of Applicant : 1)TATA MOTORS LIMITED
(31) Priority Document No	:NA	Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI-400001,
(32) Priority Date	:NA	MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SUSHIL YADAV
Filing Date	:NA	2)DATTA S. KAD
(87) International Publication No	:N/A	3)MR. SOMANATHAN M
(61) Patent of Addition to Application Number	:NA	4)PRAMOD P KULKARNI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The disclosure relates to a disc brake system for an automobile. The disc brake system comprises; a brake disc adapted to be mounted on a wheel hub along a rotating axis thereof; at least one internal pocket formed within the brake disc, the at least one internal pocket capable of being filled with a heat transfer fluid; a plurality of heat exchanger fins extending outwardly from the internal pocket and thermally coupled with the heat transfer fluid filled in the internal pocket; and, a caliper assembly carried by the wheel hub and capable of engaging with the brake disc to resist rotational movement thereof.

No. of Pages : 13 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.693/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : AN ECOFRIENDLY AND IMPROVED FLUORESCENT LAMP FIXTURE DEVICE.

(51) International classification	:F21V23/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MOHD. YAMIN
(32) Priority Date	:NA	Address of Applicant :H.NO. 108, B-BLOCK, PUTILIGHAR
(33) Name of priority country	:NA	COLONY, NEAR MASJID FAKHRUDDIN ALI AHMAD,
(86) International Application No	:NA	SHAHJAHANABAD, BHOPAL-462001, MADHYA PRADESH
Filing Date	:NA	India
(87) International Publication No	:N/A	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)MOHD. YAMIN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An improved fluorescent light fixture device having an elongated housing with sockets at both ends. The improvement comprising of combining electrical material and electronic circuit which is giving unique system of enlightening fluorescent lamp without using choke and starter in the fixture. The fluorescent light fixture device is eco friendly as it can make fused tubelight glow and also support tubes with very less quantity of gas remained. Thus the use of said fixture to enligliten tube is safer to the environment.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.751/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : A PEDAL ASSEMBLY AND A METHOD OF ASSEMBLING THEREOF

(51) International classification	:G05G 1/38	(71)Name of Applicant : 1)TATA MOTORS LIMITED
(31) Priority Document No	:NA	Address of Applicant :Bombay House 24 Homi Mody Street
(32) Priority Date	:NA	Hutatma Chowk Mumbai 400 001 MAHARASHTRA,
(33) Name of priority country	:NA	INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DUBEY ASHISH
(87) International Publication No	: NA	2)PIMPALE RAJENDRA DHYANESHWAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure provides a pedal assembly comprising a pedal (1) having a hole at predetermined location mounted to a pedal mounting bracket (5) of a vehicle. And an arm (2) pivotably connected to the pedal (1) by a first pin (3) at one end and having a provision (8) to support a cable holder (4) on the other end. Further a stopping means (1a and 1b) on the pedal (1) to limit the movement of the arm (2).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1488/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : SURGICAL INSTRUMENT FOR AVASCLAR NECROSIS OF FEMORAL HEAD

(51) International classification :A61B 17/88
(31) Priority Document No :10-2009-0128000
(32) Priority Date :21/12/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/005868
Filing Date :31/08/2010
(87) International Publication No :WO/2011/078466
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Catholic University Industry Academic Cooperation Foundation
Address of Applicant :505 Banpo-dong Seocho-gu Seoul 137-701 Republic of Korea
(72)**Name of Inventor :**
1)KIM Seog Jung

(57) Abstract :

The present invention relates to a surgical instrument for avasclar necrosis of femoral head capable of improving the adaptability of a patient after surgical operation by carrying out the implant without exhausting a hip joint bone of a patient. The surgical instrument according to the present invention comprises a center pin comprising a needle structure having a predetermined diameter and length, pressurized and provided at necrotic lesions of the femoral head; a core decompressor wherein a center portion is guided by the center pin, one end is mounted on a drill handpiece and the other end has a cylindrical saw shape, for sawing from the surface of femur to the necrotic lesions of the femoral head at a predetermined distance; a harvester which is put into the femur along the perforation formed by the saw and winds the sawn end of the femur to extract the same; and a compression tool for pressurizing the femur cell extracted from the harvester so as to expand a diameter, thereby re-putting the femur cell into the perforated position to induce self-bonding. Therefore, the present invention improves the adaptability of a patient during implant by using a hip joint bone of a patient and reduces surgical operation time by not implanting a hip joint bone of other people.

No. of Pages : 37 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.864/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :27/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : UNIQUE DESIGNED RESILIENT MOUNTING BRACKETS & ARRANGEMENT FOR HEAVY DUTY POWER PACKS FOR HCV APPLICATIONS

(51) International classification	:B60Q	(71)Name of Applicant :
(31) Priority Document No	1/26	1)Tata Motors Limited
(32) Priority Date	:NA	Address of Applicant :BOMBAY HOUSE 24 HOMI MODY
(33) Name of priority country	:NA	STREET HUTATMA CHOWK Mumbai-400001
(86) International Application No	:NA	MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Ashwanin Garg Ashwanin Garg AND Satish Kakade
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The heavy duty power packs comprise of engine & transmission mounted on 4 points. Pair of mount assemblies each including a link that resiliency supports power-pack at opposite sides on a vehicle frame so that the links do not swing substantially when the power-pack moves longitudinally or vertically relative to the frame. Mounting arrangement includes elastomeric mounting blocks interposed between laterally extending arms connected to the engine & transmission. Brackets are fixed to the long members of the chassis near the outboard ends thereof. The blocks are adapted to undergo shear upon the engine rolling about an essentially longitudinal axis. To take care of the heavy load, vibrations, rocking, balancing & bending movement of the power pack, optimized & new unique design of the mounting brackets / laterally extending arms have been done.

No. of Pages : 13 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1603/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : TURBINE

(51) International classification :F01D 11/02
(31) Priority Document No :2010-079006
(32) Priority Date :30/03/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/051895
Filing Date :31/01/2011
(87) International Publication No :WO/2011/122092
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MITSUBISHI HEAVY INDUSTRIES LTD.
Address of Applicant :16-5 Konan 2-chome Minato-ku
Tokyo 1088215 Japan
(72)**Name of Inventor :**
1)KUWAMURA Yoshihiro
2)MATSUMOTO Kazuyuki
3)OYAMA Hiroharu
4)TANAKA Yoshinori
5)MATSUO Asaharu

(57) Abstract :

A turbine (1) of the present invention comprises that at one part of a tip part (51) of the blade (50) and an part (11a) of the structure (11) corresponding to the tip part (51) of the blade, a stepped part (52), which has a step surface (53) and protrudes toward another part of the tip part (51) of the blade and the part (11a) of the structure (11), is formed, a seal fin (15) extending toward the stepped part (52) is provided at the another part of the tip part (51) of the blade and the part (11a) of the structure (11), a cavity (C) is formed between the tip part (51) of the blade and the part (11a) of the structure (11) and between the seal fin (15) and a partition wall (54, 15) facing to the seal fin (15) on an upstream side of the structure (11) in a direction of the rotation axis. The seal fin (15) comprises: a fin main body part (16) that forms a small space (H) between the fin main body part (16) and the stepped part (52), and a space restriction part (17) that restricts a space of the small space (H) on the upstream side in the direction of the rotation axis and forms a small cavity (18) between the cavity (C) and the small space (H). Thus, the present invention provides a high performance turbine in which the leakage flow rate is reduced.

No. of Pages : 60 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1604/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : APPARATUS AND METHOD FOR ALLOCATING DATA FLOWS BASED ON INDICATION OF SELECTION CRITERIA □

(51) International classification	:H04L 12/56
(31) Priority Document No	:61/295,581
(32) Priority Date	:15/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/021413
Filing Date	:14/01/2011
(87) International Publication No	:WO/2011/088406
(61) 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
United States of America
(72)**Name of Inventor :**
1)STUPAR Patrick
2)GIARETTA Gerardo
3)VENKATESHWARAN Ramaswamy

(57) Abstract :

An apparatus and method for allocating a data flow based on selection criteria including receiving at least one policy including at least one indication for selecting an access from two or more of available accesses (710); determining a selection criterion based on the data flow (720); and selecting the access based on the determined selection criterion and the at least one indication (730). In one example, the selection criterion is one of the following: a bandwidth requirement for the data flow, an application generating the data flow, a protocol used to carry the data flow, a file size, an application name/ID, a role ID, or a throughput of the data flow. In one example, the policy is a management object (MO) received from an Access Network Discovery and Selection Function (ANDSF) module and the selected access is for a wireless local area network (WLAN), a LTE network or for a 3GPP service.

No. of Pages : 38 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.904/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : LOCAL BREAKER BACKUP PROTECTION SYSTEM TO DETECT MALFUNCTIONING OF A BREAKER AND A METHOD THEREOF

(51) International classification	:G01R 31/327	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :L&T HOUSE, BALLARD ESTATE,
(32) Priority Date	:NA	MUMBAI-400001, STATE OF MAHARASHTRA, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)DEY, MOUMITA
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	

(57) Abstract :

This invention relates generally to a system and method of failure monitoring for circuit breaker and more particularly to a local breaker backup protection system to detect malfunctioning of a breaker and taking corrective action to isolate the fault and a method thereof. It comprises a numerical relay for detecting and providing tripping signal to the upstream breaker; a DI unit for detecting the breaker status using inputs from breaker auxiliary contacts; a breaker failure alarm means providing failure notification for said downstream breaker.

No. of Pages : 15 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.958/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : SLIDING ELECTRICAL CONTACT ARRANGEMENT FOR DRAW OUT TYPE SWITCHGEARS

(51) International classification	:H02B 11/133	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :L&T HOUSE, BALLARD ESTATE,
(32) Priority Date	:NA	MUMBAI-400001, STATE OF MAHARASHTRA, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)GUPTA, AMIT
Filing Date	:NA	2)GODSE, RANJANA J.
(87) International Publication No	:N/A	3)TOMAR, BRAJESH, SINGH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A sliding arrangement for a draw out type switchgear comprising of: a plurality of moving contacts and fixed contacts; a plurality of breaker comprising a breaker bottom terminal and breaker top terminal; a plurality of holder; a plurality of cradle terminals introduced in said holder; one or more braids attached with fingers; and a block, forming part of a arcing chamber for fixing of complete current path arrangement.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.760/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHOD OF AVOIDING AMBIGUITY BETWEEN SCHEDULING INFORMATION AND DATA PACKETS DURING COLLISION RESOLUTION

(51) International classification	:H04B	(71)Name of Applicant :
	7/185	1)RENESAS MOBILE CORPORATION
(31) Priority Document No	:NA	Address of Applicant :6-2, OTEMACHI 2-CHOME,
(32) Priority Date	:NA	CHIYODA-KU, TOKYO 100-0004, Japan
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)LUCKY, KUNDAN KUMAR
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	

(57) Abstract :

The present invention addresses a method, apparatus and computer program product for avoiding ambiguity between scheduling information and data packets during collision resolution. The present invention includes assigning a unique uplink scrambling code to a common transport channel, determining a mapping between the assigned scrambling code of the common transport channel assigned to a user equipment and a user equipment identity of the user equipment, and deducing the user equipment identity based on the determined mapping upon receiving a transmission from the user equipment.

No. of Pages : 28 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.808/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : A SYSTEM AND METHOD TO ESTIMATE IT AND ITES SERVICE EFFORTS

(51) International classification	:G06Q	(71)Name of Applicant :
	10/06	1)TATA CONSULTANCY SERVICES LIMITED
(31) Priority Document No	:NA	Address of Applicant :NIRMAL BUILDING, 9TH FLOOR,
(32) Priority Date	:NA	NARIMAN POINT, MUMBAI 400021, MAHARASHTRA,
(33) Name of priority country	:NA	INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PAES, KEVIN
(87) International Publication No	:N/A	2)JAIN, NEELIMA
(61) Patent of Addition to Application Number	:NA	3)DASS, YAMINI MITTAL
Filing Date	:NA	4)MANI, GOKUL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method for estimating steady state manpower efforts for IT and ITES outsourcing deals is disclosed herein. The efforts are estimated at an application level in terms of FTE counts. According to the system and method of the present invention, the scope of solution associated with the deal is determined based on the dynamic customer requirements. The effort estimation is then implemented by analyzing the scope and determining the best suitable solution. The best suitable solution is estimated by referring the stored reference cases having service delivery experience matching that required by the determined scope of the solution. The effort estimated is in the form of a FTE value. The system further enables to display estimation summary illustrating the estimated efforts for each portfolio in the form of FTE beak-ups, segregated into location-wise, role-wise, type-wise and designation-wise FTEs.

No. of Pages : 37 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.652/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :12/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : PROCESS FOR PREPARING TADALAFIL FORMULATION

(51) International classification	:C07D471/14	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ALEMBIC PHARMACEUTICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :ALEMBIC CAMPUS, ALEMBIC
(33) Name of priority country	:NA	ROAD, VADODARA-390 003 GUJARAT, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)TADURI, VEERABABU, RAMABRAHMMAM
(87) International Publication No	:N/A	2)MUTHULINGAM, C.
(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 process for preparing tadalafil formulation. The present invention provides the simple and robust process for preparing the tadalafil formulation which exhibits the desired dissolution characteristics.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.712/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : A METHOD TO REDUCE END DEFECTS IN ROLLING OF SECTIONS

(51) International classification	:C22C38/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY
(32) Priority Date	:NA	Address of Applicant :INDIAN INSTITUTE OF
(33) Name of priority country	:NA	TECHNOLOGY BOMBAY, POWAI, MUMBAI 400076,
(86) International Application No	:NA	MAHARASHTRA, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)PROF. P. P. DATE
(61) Patent of Addition to Application Number	:NA	2)RAHUL SHASHIKANT NALAWADE
Filing Date	:NA	3)V. SATISH K CHEEKATLA
(62) Divisional to Application Number	:NA	4)K. N. MAHADIK
Filing Date	:NA	

(57) Abstract :

The present invention aims at reducing the cropping losses formed during reversible multi pass hot rolling of flat ended bloom into bars by designing the preform end shapes using finite element analysis and a method to provide the designed preform end shapes to the input blooms. A three dimensional simulation of the reversible multi pass hot rolling process with flat ended input bloom predicts the formation of defective end shapes after rolling and reverse material tracking is applied to finite element simulations to obtain desired preform end shapes of the input bloom and similar simulations on the bloom with preformed end shape shows considerable reduction in cropping losses. An open die forging is used to provide the preform end shape to the input blooms obtained by reverse material tracking method and rolling of the said input blooms by ordinary rolling process shows considerable reduction in the formation of cropping loss and exhibits an effective improvement of about 1.02% in the yield of rolling process.

No. of Pages : 24 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1583/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :25/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : APPLICATION LAYER MODIFICATION TO ENABLE TRANSMISSION GAPS □

(51) International classification	:H04N 7/24
(31) Priority Document No	:61/292,391
(32) Priority Date	:05/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/020239
Filing Date	:05/01/2011
(87) International Publication No	:WO/2011/085014
(61) 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
United States of America

(72)Name of Inventor :

1)RAVEENDRAN Vijayalakshmi R.

2)BHAMIDIPATI PhaniKumar K.

3)DETERMAN James T.

(57) Abstract :

Television white space devices are operable to communicate information over television white space and, more specifically, to quiet a transmitter for sensing signals in the television white space. A method for inconspicuous quieting of the transmitter in a television white space device inserts, from an application layer, information into a transport stream for transmission by the transmitter of the television white space device to produce a null window of time within the transport stream at a predetermined time. The method also transmits the transport stream by the transmitter of the television white space device and quiets the transmitter during the null window of time. The method senses, by a white space sensor of the television white space device, existing signals in the white space during the null window of time.

No. of Pages : 25 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1584/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :25/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : AN ON-LINE DETECTION METHOD OF CHROMIUM-FREE COATING FILM THICKNESS ON SURFACE OF STRIP STEEL □

(51) International classification	:G01B 15/02
(31) Priority Document No	:201010561145.0
(32) Priority Date	:26/11/2010
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2011/073425
Filing Date	:28/04/2011
(87) International Publication No	:WO/2012/068831
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BAOSHAN IRON & STEEL CO. LTD.
Address of Applicant :No.885 FUJIN ROAD BAOSHAN DISTRICT Shanghai 201900 China
(72)**Name of Inventor :**
1)LU Yongqiang
2)LV Chunguo
3)WANG Zhicheng

(57) Abstract :

This invention relates generally to measurement of coating film thickness on surface of strip steel, and particularly, to a measuring method of chromium-free coating film thickness on surface of strip steel which comprises the following steps: selecting two water-soluble chemical substances containing elements P, Ca, Ti, Ba or Sr and not reacting with a chromium-free coating liquid; adding the two water-soluble chemical substances selected in 1) into the chromium-free coating liquid and agitating the them to be homogeneous, thereafter, fabricating a reference sample of coating film; using a ray emitted by an off-line film thickness instrument to excite the two water-soluble chemical substances so as to obtain characteristic spectrums to obtain a correction function expression between the measured film thickness and the thickness correction value by fitting; adding the water-soluble chemical substance which has a weak characteristic spectrum into a chromium-free coating liquid, and using the correction function expression to obtain the actual coating film thickness. By means of on-line detection, the invention is capable to monitor film thickness effectively and optimize the coating process continuously; with high precision, and with no adverse effect on adhesiveness, corrosion-proof and environmental performance of the coating film.

No. of Pages : 11 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.932/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : STABLE POLYETHERKETONES THERMOPLASTIC POLYMER

(51) International classification

:C08G
63/78

(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 :

1)GHARDA KEKI HORMUSJI

Address of Applicant :GHARDA HOUSE, 48 HILL ROAD,
BANDRA(WEST), MUMBAI 400050, MAHARASHTRA,
INDIA

(72)Name of Inventor :

1)GHARDA KEKI HORMUSJI

(57) Abstract :

The present disclosure provides a stable polyetherketones thermoplastic polymer comprising: a) a of polyetherketone of the formula - Ar-CO -, wherein Ar is a bivalent aromatic radical; and b) aryl phosphonite compound of formula I, wherein X is selected from the group consisting of Cl, Br and F, the amount of said phosphonite compound being in the range of 0.01 to 4% by weight of the total composition.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/03/2012

(21) Application No.933/MUM/2012 A

(43) Publication Date : 22/11/2013

(54) Title of the invention : ANALYTE SENSOR CHIP

(51) International classification	:G01N 33/50	(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 110 114, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BHAND SUNIL
(87) International Publication No	:N/A	2)CHANDRA SUDHIR
(61) Patent of Addition to Application Number	:NA	3)PANDYA HARDIK
Filing Date	:NA	4)TIWARI RUCHI
(62) Divisional to Application Number	:NA	5)MISHRA RUPESH KUMAR
Filing Date	:NA	

(57) Abstract :

The sensor chips, processes and devices enable ultra-sensitive detection / determination, evaluation and quantitative measurement of analytes and are useful for high throughput and miniaturized assays, which enable a user to perform multiple, accurate, experiments in parallel with minimum amount of reagents resulting in low waste generation. The method enables screening of fluid samples to meet regulatory standards. The device comprises a pitted chip having a silicon-based substrate, optionally provided with an integrated heating element, a biosensor and a receptor immobilized on a cross linking element fixed to an inert metal layer in the chip. The analyte is detected up to 5 parts per trillion of the fluid sample and quantitatively measured up to 10 parts per trillion of the fluid sample by the device of the present disclosure.

No. of Pages : 65 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.999/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : PRODUCT PROTECTION COVER-2

(51) International classification

:G02F
1/13357

(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 :

1)MR. UDAY SAKHARAM YADAV

Address of Applicant :503, SUKANT CHSLTD, 5TH FLR.,
PLOT NO 237, SECTOR 3, CHARKOP, KANDIVALI (W),
MUMBAI 400067 Maharashtra India

(72)Name of Inventor :

1)MR. UDAY SAKHARAM YADAV

(57) Abstract :

Split unique number on separate papers. Product protection paper that is fastened to sealed cap has 18 digits out of the container's 20 digit unique number. Remaining 2 digits are printed on different chit of paper that is put in between PPC and container. When one removes the PPC from container, this chit of paper falls down to get lost.

No. of Pages : 4 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.993/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : MONOBLOCK ENGINE

(51) International classification	:F02F 1/00	(71)Name of Applicant : 1)MAHINDRA AND MAHINDRA LTD.
(31) Priority Document No	:NA	Address of Applicant :GATEWAY BUILDING, APOLLO
(32) Priority Date	:NA	BUNDER, MUMBAI - 400001, MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)MR. GANLA, ABHAYKUMAR, NARAYANRAO
Filing Date	:NA	2)MR. SATDIVE, SACHIN PRABHAKAR
(87) International Publication No	:N/A	3)MR. SESHATHRI, DHATCHNAMOORTHY
(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 a monoblock engine in which the head and the block of the engine are cast integrally. The engine incorporates a cylinder and water coolant jackets, intake manifold and an exhaust manifold, vertical intake and exhaust valves, core removal holes, and a push-fit type cylinder liner which is secured in place so that leakage of fuel from the cylinder is eliminated. The water coolant jackets for the head and the block are connected using four water jacket gateways or connectors. The monoblock is fitted with the crankcase using a leak proof & robust flange-joint and mechanical fastening system which is easy to install. The invention is embodied for a single cylinder engine as well as multi-cylinder engines. By integrating cylinder head and manifolds with block, the critical joint between head and block and head and intake Manifold will be eliminated. At the same time, gasket and mechanical fasteners for tightening also can be eliminated. The water jacket design is communized & optimized for both head and block for better performance.

No. of Pages : 36 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1747/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : VEB EXCENTER RESET

(51) International classification :F01L13/06,F01L1/24,F02D13/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/SE2009/000518
Filing Date :16/12/2009
(87) International Publication No :WO 2011/075008
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)VOLVO LASTVAGNAR AB
Address of Applicant :S-405 08 GOETEBORG, Sweden
(72)Name of Inventor :
1)HANSSON, PER
2) –ELEN, ALEXANDER

(57) Abstract :

Valve mechanism (1) for an internal combustion engine operable to selectively open and close a gas exchange valve (3) to accomplish an engine brake during an engine brake mode of an engine said valve mechanism comprising a cam follower (5) in biased abutment against a gas exchange cam element (7) for actuation of a rocker arm (9) connected to said gas exchange valve (3).

No. of Pages : 29 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.672/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :14/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : A NOVEL PROCESS FOR PREPARING RIVAROXABAN

(51) International classification	:C07D265/00
(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	: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 :**
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
(72)**Name of Inventor :**
1)BOBBA VENKATA SIVAKUMAR
2)KODALI ESWARA RAO
3)GIRISH BANSILAL PATEL
4)SANJAY DASHRATH VAIDYA
5)ALOK PRAMOD TRIPATHI

(57) Abstract :

The present invention relates to a novel process for preparing rivaroxaban. The process comprises condensing a compound of structural formula II with compound of structural formula III to get rivaroxaban compound of structural formula I. Formula II Formula III Formula I

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.947/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHOD TO DETECT CT FAILURE AND BLOCKING OVERCURRENT PROTECTION ELEMENTS

(51) International classification	:H02H	(71)Name of Applicant :
(31) Priority Document No	3/08	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L&T HOUSE, BALLARD ESTATE,
(33) Name of priority country	:NA	MUMBAI-400001, STATE OF MAHARASHTRA, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DEY, MOUMITA
(87) International Publication No	:N/A	2)SINHA, DEEPSHIKA
(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 generally to a method of circuit protection and more particularly to a method to detect CT failure condition in plurality of phases and blocking a plurality of overcurrent protection elements using a numerical relay under certain predefined set of conditions. Method comprising the steps of determining the status of CT supervision feature and sending said status to a common logic unit; enabling logic operand bit to high on detection of CT failure, enabling CPU register containing alarm value to high and blocking the operation of said overcurrent elements.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.948/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : CONTACT SYSTEM FOR USE IN DRAW-OUT TYPE MODULAR ASSEMBLY

(51) International classification	:H01H 9/00	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :L&T HOUSE, BALLARD ESTATE,
(32) Priority Date	:NA	MUMBAI 400001, STATE OF MAHARASHTRA, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SHAH, TUSHAR, N
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	

(57) Abstract :

This invention relates generally to a contact assembly for electrical device. More particularly the present invention relates to a contact system for use in draw-out type modular assembly. It comprises a plurality of male contacts and a plurality of female contact arranged at same horizontal level; a housing means accommodating said assembly: a plurality of position guides facilitating insertion of said housing means; wherein said system adapted to click fit a plurality of contacts and said male and female contacts adapted to absorb vertical tolerance.

No. of Pages : 27 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.949/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : MECHANICAL INTERLOCKING ARRANGEMENT OF MCCB USING CLUTCH CABLE

(51) International classification	:H02H 3/00	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :L&T HOUSE, BALLARD ESTATE,
(32) Priority Date	:NA	MUMBAI-400001, STATE OF MAHARASHTRA, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)MURUKATE, MOHAN, K
Filing Date	:NA	2)OCHANI, DEEPAK, M
(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	

(57) Abstract :

The present invention relates to an interlocking arrangement for interlocking plural MCCBs. The arrangement comprises at least two MCCBs (M1 & M2) having operating knobs (K1 & K2) mounted on plates (P1 & P2), at least two actuator cable means (CI & C2) connected to plural actuator means (A1, A2, A3 & A4) and at least two push to trip means (13 & 14) located in the said MCCBs.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.495/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF APREPITANT

(51) International classification	:C07D 413/06	(71)Name of Applicant : 1)PIRAMAL HEALTHCARE LIMITED
(31) Priority Document No	:NA	Address of Applicant :PIRAMAL TOWER, GANPATRAO
(32) Priority Date	:NA	KADAM MARG, LOWER PAREL, MUMBAI-400 013, STATE
(33) Name of priority country	:NA	OF MAHARASHTRA, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)LADKAT, PRASHANT
(87) International Publication No	:N/A	2)WAGH, GANESH
(61) Patent of Addition to Application Number	:NA	3)JAGTAP, ASHUTOSH
Filing Date	:NA	4)ROY, MITA
(62) Divisional to Application Number	:NA	5)HARIHARAN, SIVARAMAKRISHNAN
Filing Date	:NA	6)CHOUKEKAR, MILIND

(57) Abstract :

The present invention provides a process for the preparation of 5-[[[(2R,3S)-2-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethoxy]-3-(4-fluorophenyl)-4-morpholinyl]methyl]-1,2-dihydro-3H-1,2,4-triazol-3-one (Aprepitant) comprising condensation of 2-(R)-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethoxy]-3-(S)-(4-fluorophenyl)morpholine hydrochloride salt with 2-(2-chloro-l-iminoethyl)hydrazinecarboxylic acid methyl ester to obtain the reaction mixture containing 2-[2-[(2R,3S)-2-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethoxy]-3-(4-fluorophenyl)-4-morpholinyl]-1-iminoethyl]hydrazinecarboxylic acid methyl ester, which is in-situ cyclized in the presence of dimethylsulfoxide and a polar protic solvent at a low temperature to yield aprepitant having purity > 99.5%.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.953/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : LOCKING ARRANGEMENT FOR MOTOR CONTROL CENTRE MODULE

(51) International classification	:H01H 9/20	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :L&T HOUSE, BALLARD ESTATE,
(32) Priority Date	:NA	MUMBAI-400001, STATE OF MAHARASHTRA, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SIVASAMY, HARIPRASAD
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	

(57) Abstract :

This invention relates generally to a motor control center module and more particularly to a locking arrangement for motor control centre module providing automatic locking. Said arrangement comprising a lock means having substantially wedge shaped profile fastened on a chassis wherein said lock means adapted to automatically lift and engage with a tray slot on insertion of a substantially withdrawable module inside a switchboard thereby locking said module.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/03/2012

(21) Application No.946/MUM/2012 A

(43) Publication Date : 22/11/2013

(54) Title of the invention : AN IMPROVED RIVETED ROTARY JOINT ASSEMBLY

(51) International classification	:B21J 15/02	(71) Name of Applicant : 1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :L&T HOUSE, BALLARD ESTATE,
(32) Priority Date	:NA	MUMBAI-400001, STATE OF MAHARASHTRA, INDIA
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)DAVE MAHENDRA C
Filing Date	:NA	2)KANNADKAR DINESH R
(87) International Publication No	:N/A	3)SENGUPTA HIMADRI D
(61) Patent of Addition to Application Number	:NA	4)SINGH SUKHJINDER
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an improved joint assembly. The assembly comprises first and second link means (13, 15) having hole means, roller means (17) is enclosed in said hole of the first link means and second link means is riveted on protruded roller side of said first link means and second link means, rivet pin means (12) passing through the roller means such that said rivet pin means, roller means and second link means are integrated to form a single body. The roller means has a clearance with first link means such that in operation first link means rotates with respect to said rivet pin means, second link means and roller means.

No. of Pages : 11 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.788/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :23/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : SYSTEM AND METHOD FOR INFORMATION EXTRACTION

(51) International classification	:G06Q10/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA CONSULTANCY SERVICES LIMITED
(32) Priority Date	:NA	Address of Applicant :Nirmal Building 9th Floor Nariman
(33) Name of priority country	:NA	Point Mumbai 400021 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PALSHIKAR Girish
(87) International Publication No	: NA	2)DESHPANDE Shailesh
(61) Patent of Addition to Application Number	:NA	3)SRIVASTAVA Rajiv
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present subject matter discloses a system and a method for information extraction. The method may include analyzing an input document to identify text patterns in the input document. Each of the text patterns may be associated with at least one label to provide an analyzed document. The method further includes determining linguistic patterns in the analyzed document. Each of the linguistic patterns may be associated with at least one annotation tag to provide an annotated document. The at least one annotation tag may be stored as a string within the annotated document. The method may include generating at least one extraction pattern based on selection of the at least one annotation tag. The at least one annotation tag may be selected by a user. The method may also include executing the at least one extraction pattern on the annotated document for extracting targeted information from the annotated document.

No. of Pages : 30 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.789/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :23/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : AUTOMATED TICKET ANALYSIS

(51) International classification	:G06Q10/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA CONSULTANCY SERVICES LIMITED
(32) Priority Date	:NA	Address of Applicant :Nirmal Building 9th Floor Nariman
(33) Name of priority country	:NA	Point Mumbai MAHARASHTRA, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VIN Harrick
(87) International Publication No	: NA	2)PALSHIKAR Girish Keshav
(61) Patent of Addition to Application Number	:NA	3)MUDASSAR Mohammed
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems and computer-implemented methods for ticket analysis in an Information Technology Infrastructure Support (ITIS) environment are described. In one embodiment, a method comprises obtaining ticket data pertaining to a plurality of tickets, where each ticket is associated with a plurality of ticket attributes, and creating homogenous sets for the plurality of tickets based on the plurality of ticket attributes. Each homogenous set includes a plurality of ticket subsets having homogenous ticket attributes. Each of such homogeneous sets is classified into a plurality of categories based on classification parameters including volume of the tickets, and time taken to resolve the tickets. The ticket subsets corresponding to at least one of the categories are analyzed to identify one or more patterns based on predefined characteristics including at least one of high service time characteristics, a low service time characteristics, increasing arrival trend characteristics, decreasing arrival trend characteristics, and correlated characteristics.

No. of Pages : 29 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.960/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : CONTACT SYSTEM FOR CIRCUIT BREAKER .

(51) International classification

:H01H
9/26

(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 :

1)LARSEN & TOUBRO LIMITED

Address of Applicant :L&T HOUSE, BALLARD ESTATE,
MUMBAI-400001, STATE OF MAHARASHTRA, INDIA

(72)Name of Inventor :

1)JIBANESH ROY

2)RACHANA K NIKUM

(57) Abstract :

The present invention provides a contact system for a circuit breaker. The contact system comprising a pair of contacts, a movable runner at one of the contacts, a magnetic base attracting an arc formed between the pair of contacts and means for moving the runner between a first position and a second position.

No. of Pages : 18 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.961/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : PHASE BARRIER FOR CIRCUIT BREAKERS

(51) International classification	:H01H 9/26	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L&T HOUSE, BALLARD ESTATE, MUMBAI-400001, 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)V.P.B. CHAKRAVARTHI KAJANA
Filing Date	:NA	2)BHUVANESWARI M.
(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	

(57) Abstract :

A phase barrier for coupling terminal blocks to a circuit breaker is provided. The phase barrier comprising a frame, the frame being adapted to the circuit breaker, the frame having at-least one compartment, each compartment capable of receiving a terminal block; at-least one vent on the frame to route gases released from the circuit breaker; and at-least one slot provided on the frame for receiving terminals of the circuit breaker, the terminals extending out to provide connectivity on a load side and a line side of the circuit breaker.

No. of Pages : 15 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1496/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : TRANSMISSION STRUCTURE SUPPORTING MULTI USER SCHEDULING AND MIMO TRANSMISSION □

(51) International classification	:H04B 7/26
(31) Priority Document No	:60/707,672
(32) Priority Date	:12/08/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2006/031728
Filing Date	:14/08/2006
(87) International Publication No	:WO/2007/022126
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:223/MUMNP/2008
Filed on	:07/02/2008

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :5775 Morehouse Drive San Diego
California 92121-1714 U.S.A.
(72)**Name of Inventor :**
1)FERNANDEZ-CORBATON Ivan Jesus
2)BLANZ Josef J.
3)GRANZOW Wolfgang

(57) Abstract :

Techniques for transmitting data in a manner to support multi-user scheduling. multiple-input multiple-output (MIMO) transmission, and interference cancellation are described. A base station assigns multiple time segments of a transmission time interval (TTI) to at least one terminal, maps data for each terminal to at least one time segment assigned to the terminal, and spreads the data in each time segment with at least one channelization code used in the TTI. A terminal receives an assignment of at least one time segment from among multiple time segments of the TTI, obtains input samples for the at least one time segment, and despreads the input samples with the at least one channelization code used in the TTI.

No. of Pages : 38 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2957/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : MOULD CARRIER AND STRETCHING CARRIAGE VALVE

(51) International classification	:B29C49/38
(31) Priority Document No	:10
(32) Priority Date	2010049025.3
(33) Name of priority country	:21/10/2010
(86) International Application No	:Germany
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:N/A
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KRONES AG

Address of Applicant :BOEHMERWALDSTRAÙE 5 93073
NEUTRAUBLING Germany

(72)Name of Inventor :

1)KLAUS VOTH

(57) Abstract :

The invention relates to a stretch blow moulding machine (1) for forming parisons of plastic into containers (2). comprising a blow moulding unit (4) which has at least a first and a second mould carrier (6, 8) for receiving in each case at least one blowing mould part (10, 12), which can be moved relative to one another, can be connected to one another to form a first working space (14) for receiving the containers (2) and can be detached from one another to release the containers (2), a second working space (16) being formed between at least one blowing mould part (10) and at least the first mould carrier (6), and a fluid communication system (18) for leading a working fluid which can be fed to the first working space (14) and the second working space (16). According to the invention, on the first mould carrier (6) and/or on an expanding device (20), which is provided for feeding the working fluid into the inside of the containers (2), at least one valve device (24a) for intermittent complete disconnection of the fluid communication between at least one of the working spaces (14, 16) and the fluid communication system (18) is arranged in a manner such that the pressure of the working fluid within the fluid communication system (18) is independent of the changes in the state of the second working space (16) when the fluid communication is disconnected.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.954/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : A CONTACT SYSTEM ASSEMBLY WITH CONTACT BARRIER FOR CURRENT LIMITATION DURING SHORT CIRCUIT FAULTS

(51) International classification	:H01H 71/10	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :L&T HOUSE, BALLARD ESTATE,
(32) Priority Date	:NA	MUMBAI-400001, STATE OF MAHARASHTRA, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SINGH, HARJOT
Filing Date	:NA	2)DEGDA, NAYAN B
(87) International Publication No	:N/A	3)MAJMUDAR, VIKAS
(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 generally to circuit breakers. More particularly the present invention relates to an improved contact assembly for limiting current during short circuit faults in a circuit breaker. A contact system assembly with contact barrier for current limitation during short circuit faults is provided. In this invention barrier means is adapted to move with said moving contact thereby closing an arc chamber behind the arc of said contact system thus creating high differential pressure across the arc resulting in faster transition of arc from contact region to an arc chute.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1628/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : THIN ANALYTICS FOR ENTERPRISE MOBILE USERS □

(51) International classification	:G06F 9/06
(31) Priority Document No	:12/632,963
(32) Priority Date	:08/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/059251
Filing Date	:07/12/2010
(87) International Publication No	:WO/2011/071895
(61) 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 Six Floor Dublin CA 91568 United States of America

(72)Name of Inventor :

1)ZACARIAH Geogy

2)JIE Zhang

(57) Abstract :

A system, method, and computer program product are provided for creating expressions through the use of an expression builder. This allows the exploitation of additional views of data in a local data store without the need to rely on an enterprise server to push this data to a user device. Meta data descriptions of a local data source as properties are provided in order to generate an expression builder interface which can be used to combine these properties with mathematical expressions to derive new views of the local data.

No. of Pages : 38 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1630/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : EXOSOMES DERIVED FROM RETICULOCYTES INFECTED WITH PLASMODIUM SP.&NBSP; METHOD FOR OBTAINING THEM AND USES THEREOF

(51) International classification :A61K39/015
(31) Priority Document No :P200931275
(32) Priority Date :28/12/2009
(33) Name of priority country :Spain
(86) International Application No :PCT/EP2010/070800
Filing Date :28/12/2010
(87) International Publication No :WO/2011/080271
(61) 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 DE RECERCA EN SALUT INTERNACIONAL DE BARCELONA

Address of Applicant :C/ Villarroel 170 E-08036 Barcelona Spain.

2)INSTITUCI CATALANA DE RECERCA I ESTUDIS AVANÇATS

3)FUNDACI CELLEX

4)HOSPITAL CLINIC I PROVINCIAL DE BARCELONA

(72)Name of Inventor :

1)DEL PORTILLO OBANDO Hernando Antonio

2)MARTIN JAULAR Lorena

3)DEL FERNANDEZ BECERRA Mar a Carmen

(57) Abstract :

The present invention belongs to the field of vaccines for the prevention and prophylaxis against malaria, more specifically it relates to exosomes isolated from reticulocytes infected with Plasmodium sp., to methods for obtaining them and to the use thereof for the prevention and prophylaxis against malaria as well as to its use for the discovery and identification of novel Plasmodium antigens. The invention also refers to artificial exosomes comprising Plasmodium sp. antigens. Finally, the invention refers to specific antigens discovered by means of the exosomes obtained from reticulocytes infected with Plasmodium sp.

No. of Pages : 47 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1713/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : SEALING FILM FOR SOLAR CELL

(51) International classification :H01L31/042,B32B27/18,B32B27/28
(31) Priority Document No :2009282121
(32) Priority Date :11/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/071847
Filing Date :06/12/2010
(87) International Publication No :WO 2011/071022
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ADEKA CORPORATION
Address of Applicant :2 35 Higashiogu 7 chome Arakawa ku
Tokyo 1160012 Japan
(72)Name of Inventor :
1)NAKAMURA Michio
2)NEGISHI Yoshinori

(57) Abstract :

Disclosed is a sealing film for a solar cell, which does not undergo the yellowish discoloration caused by light or heat and therefore has excellent light resistance and heat resistance. Specifically disclosed is a sealing film for a solar cell, characterized by comprising 100 parts by weight of an ethylene-(vinyl acetate) copolymer and 0.05 to 10 parts by weight of a hindered amine compound having a partial structure represented by general formula (I) (wherein R1, R2, R3 and R4 independently represent a lower alkyl group having 1 to 4 carbon atoms; and R represents a hydrogen atom, a linear or branched alkyl group having 1 to 18 carbon atoms which may be substituted by a hydroxy group, or a cycloalkyl group having 5 to 8 carbon atoms).

No. of Pages : 28 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.631/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :09/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF ANTICONVULSANT COMPOUND

(51) International classification	:A61P25/08
(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 :**
1)CADILA HEALTHCARE LIMITED
Address of Applicant :CADILA HEALTHCARE LTD; PLOT NO.26-29 & 31, DABHASA-UMARAYA ROAD, VILL. DABHASA-391 440, TAL. PADRA, DIST. VADODARA, GUJARAT, INDIA.

(72)**Name of Inventor :**
1)DWIVEDI SHRIPRAKASH DHAR
2)PATEL DHIMANT JASUBHAI

(57) Abstract :

The present invention provides a process for the preparation of an anticonvulsant compound. In particular, the invention provides an improved process for the preparation of lacosamide. The invention also relates to crystalline form of lacosamide and process for its preparation. The invention also relates to pharmaceutical compositions comprising therapeutically effective amount of crystalline lacosamide for oral administration as an anticonvulsant agent.

No. of Pages : 33 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.745/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :20/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : IMPROVED ARC CHUTE ASSEMBLY FOR ELECTRICAL SWITCHING DEVICES

(51) International classification	:H01H 9/34	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :L & T House Ballard Estate Mumbai
(32) Priority Date	:NA	400 001 State of MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)POTHANA Santhosh
Filing Date	:NA	2)HURKAR Piyush Shyamsundar
(87) International Publication No	: NA	3)PATIL Rohit Naresh
(61) Patent of Addition to Application Number	:NA	4)THAKUR Pankaj D.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates generally to switching devices. More particularly present invention relates to an improved arc chute assembly for electrical switching devices. Said arc chute assembly for electrical switching devices comprising a plurality of substantially bent de-ion plates; a plurality of substantially slotted de ion plates; a plurality of substantially serrated de ion plates for increasing arc length; atleast one insulation sheet attached to said serrated de ion plate; atleast one substantially perforated sheet, said perforated sheet acting as a coolant; atleast one arc chute support; and atleast one venting block.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.901/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : A COMPOSITE SWITCH ASSEMBLY FOR A MOULDED CASE CIRCUIT BREAKER

(51) International classification	:H01H 83/00	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L & T HOUSE, BALLARD ESTATE, MUMBAI-400001, STATE OF 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)DEGDA, NAYAN, B
Filing Date	:NA	2)PATIL, CHANDRAKANT, A
(87) International Publication No	:N/A	3)SANYAL, SHUBHO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The various embodiments of the present invention provide composite switch assembly for a molded case circuit breaker. According to one embodiment, the composite switch assembly comprises a housing provided with an electrical auxiliary switch. The switch assembly further comprises a trip alarm contact, an actuator assembly and a linkage mechanism. The electrical auxiliary switch is activated to provide a visual indication and a mechanical indication of ON, OFF or TRIP conditions simultaneously, when the circuit breaker is switched to ON, OFF or TRIP conditions by way of popping out of a lever. The switch assembly has a first micro-switch such as the auxiliary contact to indicate the ON or OFF indication and a second micro-switch such as the trip alarm contact to indicate a TRIP indication.

No. of Pages : 22 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.803/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : IMPROVED OPERATING MECHANISM FOR HIGH TORQUE APPLICATION IN CIRCUIT BREAKERS

(51) International classification

:H01H
57/00

(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)LARSEN & TOUBRO LIMITED

Address of Applicant :L & T House Ballard Estate Mumbai
400 001 State of MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)SRINIVASAN Ganapathy

(57) Abstract :

This invention relates generally to operating mechanism and more particularly to an improved operating mechanism for high torque application in circuit breakers. The mechanical advantage provided by the improved Upper Link ensures that the Operating Mechanism can facilitate a very high contact pressure at the Contacts. This is because; the distance of the Upper Link pivot from the Bell Crank pivot is greater than its distance from the Upper Link-Lower Link connection point. The Bell Crank ensures that the extension springs are not unduly stressed. The features described above ensure that the Operating Mechanism is quite compact for a disproportionately high Making Torque requirement of the Contact System.

No. of Pages : 24 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.805/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : A MULTIMODAL SYSTEM AND METHOD FACILITATING GESTURE CREATION THROUGH SCALAR AND VECTOR DATA

(51) International classification	:G06F 3/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA CONSULTANCY SERVICES LIMITED
(32) Priority Date	:NA	Address of Applicant :NIRMAL BUILDING, 9TH FLOOR,
(33) Name of priority country	:NA	NARIMAN POINT, MUMBAI 400021, MAHARASHTRA,
(86) International Application No	:NA	INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)SINGH, ANIRUDDHA
(61) Patent of Addition to Application Number	:NA	2)CHAKRAVARTY, KINGSHUK
Filing Date	:NA	3)GUPTA, ROHIT KUMAR
(62) Divisional to Application Number	:NA	4)PAL, ARPAN
Filing Date	:NA	5)BASU, ANUPAM

(57) Abstract :

A device and a method facilitating generation of one or more intuitive gesture sets for the interpretation of a specific purpose are disclosed. Data is captured in a scalar and a vector form which is further fused and stored. The intuitive gesture sets generated after the fusion are further used by one or more components/devices/modules for one or more specific purpose. Also incorporated is a system for playing a game. The system receives one or more actions in a scalar and a vector form from one or more user in order to map the action with at least one pre stored gesture to identify a user in control amongst a plurality of users and interpret the action of user for playing the game. In accordance with the interpretation, an act is generated by the one or more component of the system for playing the game.

No. of Pages : 25 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1623/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/06/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : VEHICLE FUEL SYSTEM AND COMPONENTS THEREOF □

(51) International classification :B60K 15/035

(31) Priority Document No :12/628,488

(32) Priority Date :01/12/2009

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

(86) International Application No :PCT/IL2010/000994

Filing Date :29/11/2010

(87) International Publication No :WO/2011/067753

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)RAVAL A.C.S. LTD.

Address of Applicant :11 Hakozer Street Beer-Sheva 84889
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(72)Name of Inventor :

1)VULKAN Omer

2)OLSHANETSKY Vladimir

3)LEVY Alon

(57) Abstract :

A fuel vapor control valve comprising a housing. The housing comprising inlet and outlet ports in flow communication via first and second valve controlled passages. The first valve controlled passage being configured to admit fuel vapor flow in a direction from the inlet port to the outlet port only when pressure at the inlet port exceeds a predetermined threshold. The second valve controlled passage being configured to admit vapor flow in a direction from the outlet port to the inlet port only when pressure at the inlet port drops below pressure at the outlet port. The fuel vapor control valve further comprising a sealing arrangement disposed at an external portion of the housing between the inlet and outlet ports.

No. of Pages : 42 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/03/2012

(21) Application No.709/MUM/2012 A

(43) Publication Date : 22/11/2013

(54) Title of the invention : PROCESS FOR OBTAINING FOOD GRADE HEXANE

(51) International classification	:C07F9/00
(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 PETROLEUM CORPORATION LIMITED

Address of Applicant :Bharat Bhavan 4 & 6 Currimbhoy
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INDIA

(72)Name of Inventor :

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2)NEHAMIAH Jose

3)THOTA Chiranjeevi

4)GOKAK Dattatraya Tammannashastri

5)VISWANATHAN Poyyamani Swaminathan

6)SHUKLA Shashikant

7)KUNDU Buddhadeb

8)GOEL Satish Kumar

(57) Abstract :

The present invention relates to a process for obtaining food grade hexane, comprising: fractionating a hydrocarbon feed having a boiling point in the range of 50oC to 140oC to obtain a hydrocarbon fraction having boiling point in the range of 63oC to 69oC and having 3%-15% (wt/wt) of aromatic compounds content; extracting the hydrocarbon fraction by counter current solvent extraction using sulfolane as a solvent to obtain a first raffinate phase; extracting the first raffinate phase by co-current solvent extraction using sulfolane as a solvent to obtain a second raffinate phase; and washing the second raffinate phase with water to obtain a food grade hexane containing less than 100 ppm of aromatic compounds.

No. of Pages : 39 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1218/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : AIR COMPRESSOR ENGINE FOR AUTOMOBILES

(51) International classification

:B60H

(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)ABHIJIT

Address of Applicant :B-42, CENTRAL UNIVERSITY OF
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PRADESH, INDIA

2)PAIDIMARRI SAI PRANAVA

3)VIVEK PALLERLA

4)SIRIGIBATTULA SRI NAGA VENKATA VAMSI

(72)Name of Inventor :

1)ABHIJIT

2)PAIDIMARRI SAI PRANAVA

3)VIVEK PALLERLA

4)SIRIGIBATTULA SRI NAGA VENKATA VAMSI

(57) Abstract :

The present invention provides an improved an improved, simple, cost effective, environment friendly air compressed engine system using compressed air or pure inert easily available gas such as nitrogen gas as fuel to run an automobile, comprising of the engine, the de-humidifying filter and the air pre-heater mechanism before the inlet opening, connected with the Compressed Air Tank (Fig 5). In the present invention, the cam shaft and timing gear of the engine are characterized by the inlet valve opening at around 10 to 20 degrees angle, preferably 15 degrees angle, after Top Dead Centre (TDC) and closes 25 degrees angle just before Bottom dead centre (BDC) to cut off the air supply to the engine.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1958/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :16/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHOD OF REMOTE MONITORING OF AN INDUSTRIAL SUBSYSTEM

(51) International classification	:H04W 4/00	(71) Name of Applicant : 1)SCHNEIDER ELECTRIC INDUSTRIES SAS Address of Applicant :35, RUE JOSEPH MONIER, F-92500 RUEIL MALMAISON France
(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)VEERENDRA VASAMSETTY
Filing Date	:NA	2)AISWARYA VIJAYALAKSHMI D
(87) International Publication No	: NA	3)CHHAVI KAPOOR
(61) Patent of Addition to Application Number	:NA	4)DIVYA A E
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention discloses a method of monitoring an industrial subsystem such as a Bulk Milk Cooler (BMC) from a remote location. The method includes sensing parameters of the industrial subsystem by an embedded sensor unit, transferring the sensed parameters to a control unit, transmitting such parameters automatically to registered users hand held device by a remote connectivity unit via a wireless communication channel, maintaining data link and uploading the sensed parameters to a web service portal in run-time, and sending an alarm notification to supervisors mobile device at remote location via a wireless cellular network in case the sensed parameter exceeds a predetermined threshold value. A monitoring application is installed on each of the registered users hand held device for monitoring the sensed parameters , maintaining such data link with the web service portal and communicating such alarm notification to the supervisors mobile device.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1959/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :16/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : DIRECTIONALLY ADJUSTABLE INFRARED BLASTER

(51) International classification	:G08C 23/00	(71)Name of Applicant : 1)BPL LIMITED
(31) Priority Document No	:NA	Address of Applicant :11TH KM, BANNERGHATTA
(32) Priority Date	:NA	ROAD, AREKERE, BANGALORE 560 076 Karnataka India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)PURNA DWARAKA NATH SRIDHARA
Filing Date	:NA	2)MANOJ KUMAR MOHAPATRA
(87) International Publication No	: NA	3)BELTHANGADY RAMA RAO PRASHANTH
(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 directionally adjustable infrared blaster having individually adjustable infrared transmitters for transmitting infrared signal to the line of sight of the receiving devices based on their location and placement that provides liberty to the user for placing the receiving devices inside the room or premises as per his/her choice while providing broader area of coverage. The infrared blaster comprises plurality of rotatable members, at least one transmitting element secured inside each of the rotatable members to transmit signals to the line of sight of the remote devices, the transmitting elements being individually adjustable by rotating the rotatable members. Connecting means are provided for rotatably holding and connecting the rotatable members to the infrared blaster, the connecting means allowing the rotatable members rotate to an angle of at least 60 degree about first axis.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2037/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :22/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : DYE COMPOSITION AND METHOD FOR DYEING TEXTILE MATERIALS

(51) International classification	:D06P 1/00	(71)Name of Applicant : 1)BLUCONNECTION PTE LTD
(31) Priority Document No	:NA	Address of Applicant :2 JIAK CHUAN ROAD, SINGAPORE
(32) Priority Date	:NA	- 089 260 Singapore
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SCHULZE, MAX HANS JORG
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 relates to an aqueous dye composition for dyeing textile materials, comprising (a) a first dye component selected from the group consisting of leuco indigo and a derivative thereof, and (b) a second dye component selected from the group consisting of leuco sulfur dyes, leuco sulfurized vat dyes, derivatives and compositions thereof, wherein the total concentration of the first and second components is not higher than 45% by weight, based on the weight of the dye composition. Further, the invention relates to a method for dyeing textile materials with said dye composition.

No. of Pages : 15 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1527/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :17/04/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : TRAFFIC CONTROL AND MONITORING SYSTEM

(51) International classification	:G08G1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CHAITANYA, AKASAM, SURYA
(32) Priority Date	:NA	Address of Applicant :4-308/A, BESIDE FAITH, CHURCH,
(33) Name of priority country	:NA	VISSAKODERU, PALAKODERU MANDAL Andhra Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)CHAITANYA, AKASAM, SURYA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to a traffic control and management system and a method thereof, that uses RF signals/pulses at varying frequencies to manage traffic dynamically. In an embodiment, the proposed system comprises of a control station, one or more traffic signals operatively coupled and controlled by the control station, and one or more vehicles, movement of which is controlled by the traffic signals.

No. of Pages : 20 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/05/2012

(21) Application No.2032/CHE/2012 A

(43) Publication Date : 22/11/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF VILAZODONE

(51) International classification	:C07D405/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ORCHID CHEMICALS & PHARMACEUTICALS
(32) Priority Date	:NA	Address of Applicant :ORCHID TOWERS, 313,
(33) Name of priority country	:NA	VALLUVAR KOTTAM HIGH ROAD,
(86) International Application No	:NA	NUNGAMBKKAM,CHENNAI - 600 119 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)REGURI BUCHI REDDY
(61) Patent of Addition to Application Number	:NA	2)THIRUMANI VENKATESHWAR GOUD
Filing Date	:NA	3)NAGABUSHANAM NAGAMANI
(62) Divisional to Application Number	:NA	4)DEVINENI SURESH
Filing Date	:NA	5)MANNAVA SRINIVASA RAO

(57) Abstract :

The present invention relates to an improved process for the preparation of the Vilazodone of formula (I) or its pharmaceutical acceptable salts.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.27/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :05/01/2011

(43) Publication Date : 22/11/2013

(54) Title of the invention : A COMBINED HEPTAVALENT VACCINE FOR CHILDREN

(51) International classification	:A61K39/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Bharat Biotech International Limited
(32) Priority Date	:NA	Address of Applicant :Genome Valley Turkapally
(33) Name of priority country	:NA	Shameerpet Hyderabad- 500 078 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Kamaraj Govindasamy
(87) International Publication No	: NA	2)Gopinathan Kuppuswamy
(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 combined heptavalent liquid vaccine with a single injection to provide better immunity in children. The heptavalent vaccine of the invention comprises combination heptavalent (IPV-IRV-Hib-HBsAg-DPT) vaccine for multiple immunogenicity in human beings, comprising Inactivated poliovirus (Sabin), Inactivated rotavirus, Haemophilus influenzae type b, Hepatitis B surface antigen, Diphtheria, Tetanus and Pertussis (wP) vaccine.

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

(54) Title of the invention : MODIFIED PROCESS, SYSTEM AND CONFIGURATION FOR INTEGRATED OCEAN ENERGY CUM DESALINATION SYSTEM 'AEM-DESAL-II

(51) International classification :C02F1/00
 (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 :
 Filed on :01/01/1900
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)DR. ABRAHAM EBENEZER MUTHUNAYAGAM

Address of Applicant :FORMER SECRETARY TO GOVT.
 OF INDIA, DEVDHAN, WEST LUTHERN STREET,
 NAGERCOIL - 629 001 Tamil Nadu India

(72)Name of Inventor :

1)DR. ABRAHAM EBENEZER MUTHUNAYAGAM

(57) Abstract :

This invention relates to Modified Process, System and Configuration for Integrated Ocean Energy cum Desalination system and is named as AEM- desal- II . The invention titled Process, System and Configuration for integrated Ocean Energy cum Desalination system AEM-desal for which an Indian patent application No. 3547/CHE/2010 dated 24 11 2010 and PCT application No PCT/IN2010/000800 dated 10 12 2010 are filed to Controller of Patents, Patent Office at Chennai is modified to eliminate subsystems operating at deep ocean at a depth of about 1000 meters. In this process also. Ammonia is used as a working fluid in a closed loop system. This ammonia could be substituted by other suitable alternates as well. Liquid ammonia is circulated through a Fresh Water Condenser, a low pressure heat exchanger where the water vapor which is produced by flashing saline water from the upper strata of ocean in a Water Vaporizer is condensed. If required, then this ammonia liquid or vapor or liquid- vapor mixture is passed through Ammonia Vaporizer, another heat exchanger where it is heated by required quantity of saline water fi-om the upper strata of the ocean and converted totally as ammonia vapor which meets the design requirements. This ammonia vapor drives a low pressure ammonia turbine which is coupled to an electric generator to produce electricity. The ammonia discharged fi-om the turbine is passed through an Ammonia Condenser, a third heat exchanger where it is condensed as liquid ammonia , using the cold water from the ocean depth around 1000 meters and re-circulated. The working fluid is suitably by passed to meet design requirements. Both the Water Vaporizer and the Fresh Water Condenser are maintained at the designed low pressure using a vacuum pumping system which has mechanical and or ejector systems. The un- evaporated water from the Water Vaporizer and the fresh water condensate from the Fresh Water Condenser are discharged to the atmosphere through independent barometric wells with out the use of any pumping system. The major sub systems are Saline Water Vaporization System, Fresh Water Condenser System, Ammonia Vaporization System, Ammonia condensation System, Power Plant System, etc. All of them are same as existing in the earlier invention titled Process, System and Configuration for integrated Ocean Energy cum Desalination system AEM-desal and all of them are housed on a floating platform and moored at a water depth of about 1000 meters. Cooling water from ocean depth to Ammonia condensation system is taken through cold water pipes, suspended from it in the ocean up to 1000meters depth or laid along the ocean bed if the platform is fixed to ocean bed in shallow waters. The electric energy produced in the system is used for the operation of all equipments, machineries and accessories which are used in the operation of the entire system. External energy is required during the start up till the system is stabilized. This system will have no dependency on external power sources when in operation. AEM-desal-II eliminates deep ocean operations from AEM-desal by housing all subsystems in a platform floating in the upper strata of the ocean.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1667/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : SOLVENT DELIVERY PUMP

(51) International classification	:A61M1/00	(71) Name of Applicant : 1)SHIMADZU CORPORATION
(31) Priority Document No	:2011-104216	Address of Applicant :1, NISHINOKYO-KUWABARACHO,
(32) Priority Date	:09/03/2011	NAKAGYO-KU, KYOTO-SHI, KYOTO 6048511 Japan
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)ASO, YOSHIAKI
Filing Date	:NA	2)JINGU, KUMIKO
(87) International Publication No	: NA	3)INOUE, FUJIO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A plunger seal has a cylindrical protruding portion on its front face. A base end portion of the protruding portion has a recessed curved shape having a certain curvature. In a portion of a pump head, where the plunger seal is mounted, a seal insertion portion into which the protruding portion of the plunger seal is to be fitted is formed as a cylindrical recessed portion. An opening edge portion of the seal insertion portion has a protruding curved shape having the same curvature as the base end portion of the protruding portion of the plunger seal.

No. of Pages : 17 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1976/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :18/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF ALISKIREN

(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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Address of Applicant :PLOT NO 564/A/22,ROAD NO
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India

(72)Name of Inventor :

1)SHANKAR, RAMA

2)LAKSHMANARAO,VADALI

3)SESHADRIRAO, MANUKONDA

4)VENKATA SRINIVAS RAO,POTLA

5)MOHANA VAMSIKRISHNA,VADLAMUDI

6)SRINIVASA RAO,DASARI

(57) Abstract :

An improved process for the preparation of compound of Formula-XIII comprising the steps of a) reacting the compound of Formula-II with magnesium in presence of Grignard reagents, and b) condensing the obtained compound with compound of Formula-XII to get compound of Formula-XIII.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2012

(21) Application No.1977/CHE/2012 A

(43) Publication Date : 22/11/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR PREPARATION OF MONTELUKAST SODIUM

(51) International classification :C07D215/00
(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)LAURUSLABS PVT LTD
Address of Applicant :LAURUS LABS PVT LTD 2ND
FLOOR, SERENE CHAMBERS ROAD #7, BANJARA HILLS
HYDERABAD - 500 034 Andhra Pradesh India
(72)Name of Inventor :
1)SRINIVAS SIMHADRI
2)MOHAMMAD YASEEN
3)VENKATA SUNILKUMAR INDUKURI
4)SEETA RAMANJANEYULU GORANTLA
5)SATYANARAYANA CHAVA

(57) Abstract :

The present invention provides an improved process for the preparation of montelukast sodium. The process comprises a) reacting 2-(2-(3(S)-(3-(2-(7-chloro-2-quinoliny)-ethenyl) phenyl)-3-hydroxypropyl) phenyl)-2-propanol with methane sulfonyl chloride and coupling the resultant mesylate compound with l-(mercaptomethyl) cyclopropane acetic acid in presence of a base and free alkali source followed by saltification with an amine in a single step reaction and b) converting the montelukast amine salt to montelukast sodium salt.

No. of Pages : 25 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1979/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :18/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : AN ASSEMBLY OF PLASMONIC NANOSTRUCTURES FOR ENHANCED DETECTION OF CHEMICAL GROUPS

(51) International classification	:G01N21/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OFSCIENCE
(32) Priority Date	:NA	Address of Applicant :INDIAN INSTITUTE OFSCIENCE
(33) Name of priority country	:NA	BANGALORE - 560 012 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)AMBARISH GHOSH
(87) International Publication No	: NA	2)HAOBIJAM JOHNSON SINGH
(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 three-dimensional assembly of nanostructures to sense target analyte molecules, having a substantially planar substrate, a plurality of metallo- plasmonic and dielectric nanostructures, arranged in three-dimensions, on the planar substrate along with intervening spaces that can be multi-layered. The three-dimensional assembly of metallo- plasmonic and dielectric nanostructures exhibits a high degree of signal enhancement due to increased surface area, as well as near and far-field electromagnetic coupling effects, while sensing target analyte molecules, based on SERS and SEF measurements.

No. of Pages : 29 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/03/2009

(21) Application No.570/CHE/2009 A

(43) Publication Date : 22/11/2013

(54) Title of the invention : AN ELECTRIC STARTER SYSTEM FOR A HYBRID MOTOR VEHICLE

(51) International classification	:F02N11/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :JAYALAKSHMI ESTATES NO.24
(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)SURAJIT DAS
(61) Patent of Addition to Application Number	:NA	2)SAMRAJ JABEZ DHINAGAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An electric starter system for a hybrid motor vehicle wherein a traction motor connected to, and powered exclusively by, a first battery; a starter motor connected to, and powered exclusively by, a second battery, the first battery being of higher voltage than that of the second battery, the two battery circuits being installed in parallel, with the second battery also connected to the lighting and other regular loads of the vehicle is characterized in that the traction motor is connected to, and powered by, the first battery, while the starter motor of input voltage , conforming to the output voltage of the first battery, is also connected to, and powered by, the first battery, the second battery being dispensed with, the two motor circuits being installed in parallel, while the lighting and other regular loads of the vehicle are connected to the first battery.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1693/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :01/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : QUEUE MANAGEMENT SYSTEM

(51) International classification	:G06Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PRECISTAT IT SOLUTIONS PVT LTD
(32) Priority Date	:NA	Address of Applicant :PLOT NO 23, DASPALLA HILLS,
(33) Name of priority country	:NA	VIZAG 530 003 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BODEPUDI, RAMANA
(87) 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 relate generally to a Queue management system named as NOQ for customers applicable to any customer service industry that necessitate a person having to wait for a service or accommodation to be provided or activity to be performed or obtained. This unique, ingenious method and system in particular allows the customer to remotely send and/or directly obtain a line position or turn number. This is accomplished by the customer contacting or receiving the Queue management program details via Short Message Service (SMS) and cellular telephone or land telephone or internet.

No. of Pages : 16 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1928/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : BODY FRAME FOR A MOTORCYCLE

(51) International classification

:B62K

(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)TVS MOTOR COMPANY LIMITED

Address of Applicant : JAYALAKSHMI ESTATES □

NO.29 (OLD NO.8) HADDOWS ROAD, CHENNAI 600 006

Tamil Nadu India

(72)Name of Inventor :

1)P. SURESH KRISHNA

2)R. MAHARAJAN

3)MOHANAKRISHNAN VIJAYAKUMAR

4)GOVARDAN DAGGUPATI

5)G. VENKATESH

6)C. SASUN

(57) Abstract :

The present subject matter discloses a lightweight body frame assembly for a scooter type motorcycle which can be used with other variants of the same motorcycle. The strength of the frame and its torsional stiffness is improved and bending loads are minimized.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2005/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :21/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : A STATIC CHARGE ELIMINATOR DEVICE

(51) International classification	:B60C	(71)Name of Applicant :
(31) Priority Document No	19/00	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)JAYAKANTH GOVINDARAJAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a static charge eliminator device (100) and the method to eliminate the static charge developed on a tyre (112). The static charge eliminator device (100) eliminates the static charge developed on the tyre (112) by dosing waste water collected from a vehicular component (102) which is stored in a tank (106), through a dosing module (108).The method of eliminating the static charge developed on the tyre may be either periodically, based on the running conditions of the vehicle or based on static charge sensed by a sensor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2008/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :21/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : CLIMB ASSISTING SYSTEM FOR MOTOR VEHICLES

(51) International classification

:B60T

(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)L. BALAJI

2)D. SUDHAKAR RAO

3)M.U.B. RAO

(57) Abstract :

The climb assisting system placed with the motor vehicle prevents rollback at the time of restarting or moving the vehicle on an incline. The system comprises a control unit which provides a control signal to operate a Solenoid operated pneumatic valve to actuate parking brakes provided with the vehicle. The control unit delivers signal to the solenoid valve, whenever the clutch is disengaged, vehicle speed is zero and the service brakes are in released position. The solenoid valve is actuated as instructed by the control unit and operates the parking brake provided with the vehicle. The parking brakes are released when anyone of the above mentioned condition is not met. This improved system aids the driver to hold the vehicle in hilly terrain by automatically actuating parking brakes at the instant of release of foot-brake.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5760/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : IMAGE INTEGRATION BASED REGISTRATION AND NAVIGATION FOR ENDOSCOPIC SURGERY

(51) International classification	:A61B19/00
(31) Priority Document No	:61/294502
(32) Priority Date	:13/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/055606
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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)**Name of Inventor :**
1)POPOVIC Aleksandra

(57) Abstract :

A real-time tracking of surgical tools relative to a pre-operative surgical plan and intra-operative images involves an image-based registration and tool tracking registration. The image-based registration implements an integration of a plurality of images of an anatomical region of a body including a pre-operative scan image (31) (e.g. a 3D CT/MRI image) an intra-operative fluoroscopic image (42) (e.g. an 2D X-ray image) and an intra-operative endoscopic image (23) (e.g. an 2D arthroscopic image). The tool tracking registration implements a representation within the pre-operative scan image (31) and/or the intra-operative fluoroscopic image (42) of a tracking of one or more surgical tools within the intra-operative endoscopic image (23).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5761/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : MULTI-SYSTEM COMPATIBLE PULSE OXIMETRY SENSOR

(51) International classification	:A61B5/1455
(31) Priority Document No	:61/335984
(32) Priority Date	:13/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2011/050160
Filing Date	:13/01/2011
(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.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS
(72)**Name of Inventor :**
1)LACOURCIERE William
2)POLSON Michael
3)RICH David

(57) Abstract :

A pulse oximeter sensor (30) includes a sensor plug (32) a cable (34) a light emitting unit (36) and a light receiving unit (38). The light emitting unit includes a first diode (50) and a second diode (52) mounted in an anti-parallel relationship between a first lead (60) and a second lead (62). The light emitting unit further includes a third light emitting diode (54) which is connected back-to-back between the second connector and a third connector (64) in a common anode relationship to the first diode and/or a fourth light emitting diode (56) connected across the second and third leads in an anti-parallel relationship with the third light emitting diode. An adapter cable (20) extends between the sensor plug (32) and a monitor (10) to adapt the sensor plug to a configuration of a socket (18) of the monitor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5762/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : SERVO VENTILATION USING NEGATIVE PRESSURE SUPPORT

(51) International classification :A61M16/00

(31) Priority Document No :61/294873

(32) Priority Date :14/01/2010

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

(86) International Application No :PCT/IB2010/055916

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)KONINKLIJKE PHILIPS ELECTRONICS N.V.

Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

1)SHELLY Benjamin Irwin

2)KANE Michael Thomas

3)MATTHEWS Gregory Delano

(57) Abstract :

A system for delivering a flow of breathing gas to a patient TMs airway that includes a gas flow generator and a patient circuit for communicating the flow of gas to the patient TMs airway. A sensor measures a characteristic associated with the flow of gas such as flow rate. A controller determines a first characteristic based on the measured characteristic and provides positive pressure support to the patient if the first characteristic is below a first target and provides a negative support if the first characteristic is above a second target. When the positive pressure support is provided the pressure provided during inspiration is higher than the pressure provided during expiration. When the negative pressure support is provided the pressure provided during inspiration is lower than the pressure provided during expiration.

No. of Pages : 36 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5763/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : SENSOR DETERMINING A PHYSICAL OR PHYSIOLOGICAL PARAMETER

(51) International classification :A61B5/026
(31) Priority Document No :10150715.0
(32) Priority Date :14/01/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2011/050080
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.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :
1)KLEE Mareike
2)VAN HEESCH Christianus Martinus
3)BROER Dirk Jan
4)HAARTSEN Jacob Roger

(57) Abstract :

The present invention relates to determining or measuring a biological physical or physiological parameter of an object (10) by a sensor (2). It may be beneficial to constantly monitor or determine a biological physical or physiological parameter of an object (10) by a sensor (2) subsequently allowing for a preferred removal of the sensor (2) from object (10) when the monitoring is no longer required. Accordingly a sensor (2) is provided e.g. a flow sensor employing a degradable adhesive (8) for attachment of the sensor (2) to the object (10). The degradable adhesive (8) may be degradable e.g. by time by exposure to a certain measure e.g. induced heat or substance for detaching the sensor (2) from the object (10) for subsequent removal of the sensor (2).

No. of Pages : 24 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5764/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : SERVO VENTILATION USING PRESSURE DROP FROM BASELINE

(51) International classification :A61M16/00

(31) Priority Document No :61/294875

(32) Priority Date :14/01/2010

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

(86) International Application No :PCT/IB2010/055915

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)KONINKLIJKE PHILIPS ELECTRONICS N.V.

Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

1)SHELLY Benjamin Irwin

2)KANE Michael Thomas

3)MATHEWS Gregory Delano

(57) Abstract :

A system and method for delivering a flow of breathing gas to an airway of a patient that includes a gas flow generator and a patient circuit that communicates the flow of gas to an airway of a patient. A sensor measures a characteristic associated with the flow of gas such as flow rate. A controller determines a first characteristic based on the measured characteristic and a target of the flow of gas to be delivered to the patient. The controller controls the delivery of gas to the patient by 1) providing a baseline positive pressure support amount to the patient and 2) providing a modified pressure support amount by reducing the baseline amount by a given amount if the first characteristic is above the target. The baseline pressure includes a pressure provided during inspiration that is higher than a pressure provided during expiration.

No. of Pages : 37 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1391/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :12/06/2009

(43) Publication Date : 22/11/2013

(54) Title of the invention : VIBRATION-DAMPENING ASSEMBLY

(51) International classification	:B62J25/00
(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)M/S. TVS MOTOR COMPANY LIMITED
Address of Applicant :NO.29,HADDOWS ROAD, CHENNAI
- 600 006 Tamil Nadu India
(72)**Name of Inventor :**
1)MR.VAMSI KRISHNA B
2)MR.MAHABALESHWAR M HEGDE
3)MR.BALAGURU SRIDHAR
4)MR.ANUMALASETTY GURAVIAH
5)MR.KANNAN MARUDACHALAM

(57) Abstract :

The present invention relates to pillion footrest assembly to provide a vibration damping mechanism to reduce the vibration at the pillion footrest of a two-wheeler. The assembly consists of footrest mounting bracket, a damper mechanism, and a pillion foot peg assembly wherein the pillion footrest is isolated from undesirable vibration by dampening means.

No. of Pages : 14 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1684/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : A METHOD AND A SYSTEM FOR EFFICIENT COMMUNICATION BETWEEN A CUSTOMER AND THE COMPANY REPRESENTATIVE WHICH IS PROVIDED FREE OF COST TO THE CUSTOMER AS A RESULT OF TRIGGER SMS BY THE CUSTOMER TO THE SERVER THROUGH A LONG CODE OR SHORT CODE NUMBER WHICH IS SET IN ADVANCE

(51) International classification	:H04W4/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)UNNIKRISHNAN CHOLAYIL
(32) Priority Date	:NA	Address of Applicant :UROGULF TELECOMMUNICATION
(33) Name of priority country	:NA	SERVICES (P) LTD, 2ND FLOOR, SHREEJEE TOWER,
(86) International Application No	:NA	ERNAKULAM - 682 035 Kerala India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)UNNIKRISHNAN CHOLAYIL
(61) Patent of Addition to Application Number	:NA	2)ABHILASH SUBHASH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A Method and a system for efficient communication between a customer and the company representative which is provided free of cost to the customer as a result of trigger SMS send by the customer to the server through a Long code or Short code number which is set in advance. The Components of callfree system includes 1. Callfree server 2. SMS gateway comprising the SMS gateway integration application 3. VoIP/Mobile/Land Line phone in Callfree subscribed customer/company end 4. Administrator Control Panel 5. Dashboard

No. of Pages : 19 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1996/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :21/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : PROCESS FOR ALVIMOPAN INTERMEDIATES

(51) International classification	:C07D 295/00	(71)Name of Applicant : 1)HETERO RESEARCH FOUNDATION
(31) Priority Document No	:NA	Address of Applicant :HETERO DRUGS LIMITED,
(32) Priority Date	:NA	HETERO CORPORATE, 7-2-A2, INDUSTRIAL ESTATES,
(33) Name of priority country	:NA	SANATH NAGAR, HYDERABAD - 500 018 Andhra Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PARTHASARADHI REDDY, BANDI
(61) Patent of Addition to Application Number	:NA	2)RATHNAKAR REDDY, KURA
Filing Date	:NA	3)MURALIDHARA REDDY, DASARI
(62) Divisional to Application Number	:NA	4)RAMAKRISHNA REDDY, MATTA
Filing Date	:NA	5)VAMSI KRISHNA, BANDI

(57) Abstract :

The present invention provides an improved process for the preparation of (3R,4R)-(+)-trans-3,4-dimethyl-4-(3-hydroxyphenyl)-piperidine. The present invention also provides an improved process for the preparation of (3R,4R)-1-[(2S)-2-benzyl-3-methoxy-3-oxopropyl]-4-(3-hydroxyphenyl)-3,4-dimethylpiperidine hydrochloride.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1998/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :21/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : WOBBLE BEARING

(51) International classification

:F16C19/00

(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)AKTIEBOLAGET SKF

Address of Applicant :415 50 GOTEORG Sweden

(72)Name of Inventor :

1)VIJAY TIJARE

(57) Abstract :

A wobble bearing is disclosed. In one example embodiment, the wobble bearing includes an outer ring having an inner periphery formed of rolling surfaces, an inner ring having rolling surfaces in face to face with the rolling surfaces of the outer ring. The inner ring is split into a right inner ring and a left inner ring. A plurality of rolling elements is interposed between the outer ring and the inner ring where each of the plurality of rolling elements make a four point contact with the outer ring and the inner ring.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1999/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :21/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : SELF ALIGNING THRUST BALL BEARING

(51) International classification

:F16C19/00

(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)AKTIEBOLAGET SKF

Address of Applicant :415 50 GOTEORG Sweden

(72)Name of Inventor :

1)VIJAY TIJARE

(57) Abstract :

A self-aligning thrust ball bearing is disclosed. In one example embodiment, the self-aligning thrust ball bearing includes an outer ring having an inner periphery formed of rolling surfaces, an inner ring having rolling surfaces in face to face with the rolling surfaces of the outer ring, and balls interposed between the outer ring and the inner ring in one or more rows.

No. of Pages : 12 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5788/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : SNAPPER VALVE FOR HOT END SYSTEMS WITH BURNERS

(51) International classification	:F01N3/08
(31) Priority Document No	:12/712,395
(32) Priority Date	:25/02/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/025830
Filing Date	:23/02/2011
(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

(71)**Name of Applicant :**
1)TENNECO AUTOMOTIVE OPERATING COMPANY INC.
Address of Applicant :500 North Field Drive Lake Forest
Illinois 60045 United States Of America
(72)**Name of Inventor :**
1)ADAM J. KOTRBA
2)GUANYU ZHENG
3)MIKE GOLIN
4)GABRIEL SALANTA

(57) Abstract :

A system for controlling the temperature of an exhaust stream includes a main exhaust passageway adapted to receive the exhaust stream from an engine. A bypass passage includes an inlet and an outlet in communication with the main exhaust passageway. The outlet is located downstream from the inlet. A burner is positioned within the bypass passage for treating the exhaust passing through the bypass passage. A valve is positioned within the main exhaust passageway downstream from the inlet and upstream from the outlet. The valve is operable to vary the exhaust flow through the burner. A controller selectively operates the burner to maintain a desired exhaust temperature downstream of the outlet.

No. of Pages : 15 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1574/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : SWITCH WITH LIGHTING MEANS AND RETROFITTABLE ELECTRONIC MODULE

(51) International classification	:H01H23/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SCHNEIDER ELECTRIC INDUSTRIES SAS
(32) Priority Date	:NA	Address of Applicant :35, RUE JOSEPH MONIER, F-92500
(33) Name of priority country	:NA	RUEIL MALMAISON France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MITHUN RAO PRAMOD
(87) International Publication No	: NA	2)SURESH RATNA KUMAR SEELAM
(61) Patent of Addition to Application Number	:NA	3)MATTIAS NILSSON
Filing Date	:NA	4)NICOLAI A. CLAUSEN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a switch (101) comprises a rocker (102), a electronic module (103), an intermediate cover (104), an insert (105), a supply PCB (108), a control PCB (109), and a lighting means (110). The rocker (102) is configured to perform rocking movement between an ON position and an OFF position and being operable to turn said switch (101) ON/OFF and the electronic module (103) is provided with illuminating means (110) configured to assume an elevated position or a depressed position relative to said switch s frontal plane in response to the movement of the electronic module (103). The rocker (105) is provided with a light transmitting portion (111) and the light emitted from said illuminating means (110) emerges through said light transmitting portion (111) of the rocker. The present invention also provides a novel electronic module (103) for rocker type switch.

No. of Pages : 43 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1950/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :16/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : CABLELESS ELEVATOR

(51) International classification	:B66B9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)S. SUDARSHAN
(32) Priority Date	:NA	Address of Applicant :8-9-49/14, SRI DATTA NAGAR,
(33) Name of priority country	:NA	KANCHANBAGH HYDERABAD - 500 058 Andhra Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)S. SUDARSHAN
(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 an elevator or lift. Installing a lift system in small residential building to carry just one or two persons is expensive. Aged and weak persons are in need of an economical elevator system in their small residences with just one or two floors. So an economically viable alternate technology is invented to cater aged and weak persons. Lifts or elevators can be built by using the existing principle of bolt and nut system, wherein a threaded nut is not allowed to rotate when a threaded bolt is rotated through it, and if the threaded bolt is fixed at both ends and just allowed to rotate only, then the nut gets a linear motion and the direction of motion of the nut is along the axis of the bolt, whether it is left or right handed threading system and the speed of the linear motion of the nut is directly proportional to the speed of rotation of the bolt and the pitch of the threading. The above invented technology is very economical and easy to build.

No. of Pages : 7 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5803/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : ROTARY ENERGY RECOVERY DEVICE

(51) International classification	:F28F5/00
(31) Priority Document No	:61/289,955
(32) Priority Date	:23/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/061056
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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(72)**Name of Inventor :**
1)PINTO Juan Miguel
2)MARTIN Jeremy G.
3)STOVER Richard L.

(57) Abstract :

A rotary energy recovery device (11) wherein a multi-channel cylindrical rotor (15) revolves with its end faces (32) juxtaposed in sealing relationship with end surfaces (33) of pair of flanking end surfaces (33) of a pair of flanking end covers (19 21) and wherein inlet and outlet fluid passage ways (27 29) are provided in each end cover. Fluid may be directed into the rotor channels (16) and allowed to exit therefrom in an axial direction parallel to the axis of the rotor; however rotor revolution is self-driven as a result of the interior design of the channels (16) which extend axially through the rotor and are shaped so that fluid flow therethrough creates a torque.

No. of Pages : 34 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5804/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : ADJUSTABLE POCKET HOLE APPARATUS

(51) International classification :B23B39/06

(31) Priority Document No :12/640,031

(32) Priority Date :17/12/2009

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

(86) International Application No :PCT/US2010/059991

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)STUKULS Alfred

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(72)Name of Inventor :

1)STUKULS Alfred

(57) Abstract :

In the pocket hole apparatus (10) of the present invention, a table (14) reciprocates linearly (22) relative to a base (12). An anvil (16) is fixed relative to the base (12) and holds the work- piece (2) on a sloped top surface (102) at the desired angle for the pocket hole (4). A drill spindle (18) with a drill bit (30) is fixed relative to the table (14). After the workpiece (2) is mounted to the anvil (16), the table is moved to drill the pocket hole. Optionally, a second spindle (20) on the opposite side of the anvil (16) predrills the pocket hole (4) when the table (14) is first moved to a predrill position (28). The spindle (18) is enabled or disabled by a latching mechanism (44). The spindle (18) is mounted to a rail (40) that is slidably mounted to the table (14) so that the rail (40) can slide perpendicularly (42) thereby adjusting the spacing between pocket holes (4).

No. of Pages : 33 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1960/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :16/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : MODULAR SMART SWITCH RETROFITTABLE WITH PREVALENT SWITCH PLATE

(51) International classification	:H02G 3/00	(71) Name of Applicant : 1)BPL LIMITED
(31) Priority Document No	:NA	Address of Applicant :11TH KM, BANNERGHATTA
(32) Priority Date	:NA	ROAD, AREKERE, BANGALORE 560 076 Karnataka India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)PURNA DWARAKA NATH SRIDHARA
Filing Date	:NA	2)MANOJ KUMAR MOHAPATRA
(87) International Publication No	: NA	3)BELTHANGADY RAMA RAO PRASHANTH
(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 smart switch assembly retrofit table with prevalent switch plate used conventionally. The switch assembly comprises a power control module having electrical components inside the housing and detachable user interface module adapted to be removeably attached to the power control module via connecting means. The user interface module has user accessible front face having input control mechanisms to control the power to the respective load. The user interface module can be easily replaced with another user interface module whenever required without danger of electric shock which provides a safe and convenient system for replacing conventional electrical switches inside a house with smart home switches. The switch assembly can fit inside the switch receiving slots on a prevalent switch plate and can be replicated individually which reduces the overall costs associated with purchase of whole smart home electrical box while converting a standard electrical box to a smart home electrical box.

No. of Pages : 12 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5808/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : POLYMERIC MATERIALS

(51) International classification	:C08G18/32
(31) Priority Document No	:2009905928
(32) Priority Date	:04/12/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/001628
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

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(72)**Name of Inventor :**
1)GRAICHEN Florian Hans Maximilian
2)LEITA Benjamin Aldo
3)O SHEA Michael Shane

(57) Abstract :

The present invention relates to a polymer comprising as part of its polymer backbone a moiety of Formula (II): Formula (II) where one of R₆ to R₁₀ represents A-O- and one of R₆ to R₁₀ represents -O-B and the remainder of R₆ to R₁₀ represent H where A and B represent the remainder of the polymer backbone and may be the same or different.

No. of Pages : 64 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5809/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : FEEDBACK FOR SUPPORTING SU-MIMO AND MU-MIMO OPERATION IN WIRELESS COMMUNICATION

(51) International classification	:H04B7/06
(31) Priority Document No	:61/298,055
(32) Priority Date	:25/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/022468
Filing Date	:25/01/2011
(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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2)GAAL Peter

3)GOROKHOV Alexei Yurievitch

4)MONTJOJO Juan

(57) Abstract :

A method an apparatus and a computer program product for wireless communication are provided in which a precoding matrix is determined from a set of precoding matrices with a first throughput based on a reference signal. In addition a subset of precoding matrices is determined from the set of precoding matrices with a second throughput greater than a fraction of the first throughput based on the reference signal. Furthermore a precoding matrix is selected from the subset of precoding matrices based on a metric.

No. of Pages : 52 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5810/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : SELECTIVE ALLOCATION OF DEDICATED CHANNEL (DCH) RESOURCES WITHIN A WIRELESS COMMUNICATIONS SYSTEM

(51) International classification	:H04W76/04
(31) Priority Document No	:61/297,963
(32) Priority Date	:25/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/022447
Filing Date	:25/01/2011
(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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1)SONG Bongyong
2)PALADUGU Karthika
3)LIN Yih-Hao

(57) Abstract :

In an embodiment a UE determines to transmit a message (e.g. an alert message a call initiation message). Based on the type of the message to be transmitted the UE selectively transmits supplemental data configured to prompt an access network to transition the UE to a dedicated channel state (DCS). In another embodiment an application server configured to arbitrate communication sessions between UEs receives a message for transmission to a target UE. Based on the type of the message to be transmitted to the target UE the application server selectively transmits to a serving access network of the target UE supplemental data configured to prompt the serving access network to transition the target UE to the DCS. In another embodiment the access network selectively transitions a target UE to the DCS based on whether differently sized messages are received at the access network for transmission to the target UE.

No. of Pages : 72 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5811/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHOD AND APPARATUS FOR DETECTING TRANSMISSION SIGNALS

(51) International classification :H04W72/08

(31) Priority Document No :61/294,035

(32) Priority Date :11/01/2010

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

(86) International Application No :PCT/US2011/020887

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

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2)PALANKI Ravi

3)GHEORGHIU Valentin Alexandru

4)WEI Yongbin

(57) Abstract :

Certain aspects of the present disclosure provide methods apparatus and computer-program products for the detection of potentially interfering user equipment (UE) in the proximity of a detecting entity. The detecting entity may be a base station or a UE. The detecting entity may take one or more actions in response to the detection in an effort to mitigate interference.

No. of Pages : 35 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application : 17/05/2012

(21) Application No. 1972/CHE/2012 A

(43) Publication Date : 22/11/2013

(54) Title of the invention : RAMAN LIDAR SYSTEM FOR MEASUREMENT OF ATMOSPHERIC WATER VAPOUR

(51) International classification	:G01S 17/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN SPACE RESEARCH ORGANISATION
(32) Priority Date	:NA	Address of Applicant :ISRO HEADQ UARTERS,
(33) Name of priority country	:NA	DEPARTMENT OF SPACE, ANTARIKSH BHAVAN, NEW
(86) International Application No	:NA	BEL ROAD BANGALORE - 560 094 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Y. BHAVANI KUMAR
(61) Patent of Addition to Application Number	:NA	2)A. JAYARAMAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a Raman LIDAR system (100). The Raman LIDAR system (100) includes a transmitter subsystem (102) a receiver subsystem (104), and an optical separator (106) for isolating the optical axes of the transmitter subsystem (102) and the receiver subsystem (104), thereby providing the biaxial configuration. The optical separator (106) aligns the optical axes of transmitter subsystem (102) and the receiver subsystem (104) parallel to each other. The transmitter subsystem (102), the receiver subsystem (104), and the optical separator (106) are contained in a mechanical housing (108). The mechanical housing (108) thus enables a compact arrangement of the Raman LIDAR system (100) for a greater mobility. A tilting mechanism (114) is provided on the rack (110) to facilitate tilting of the mechanical housing (108). This provision of tilting the mechanical housing (108) enables the Raman LIDAR system (100) to scan the atmosphere from various angles, thereby increasing an area of scanning the atmosphere for water vapour/aerosol.

No. of Pages : 36 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1975/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :17/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : SELF POWERED TAMPER PROOF MECHANISM FOR ELECTRONIC EQUIPMENTS

(51) International classification	:G06F21/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SYNORO TECHNOLOGIES LIMITED
(32) Priority Date	:NA	Address of Applicant :PLOT # 550 F, 1ST FLOOR, ROAD
(33) Name of priority country	:NA	NO.92, JUBILEE HILLS, HYDERABAD 500 033 Andhra
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RAJKUMAR KOTHA
(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 self-powered tamper proof mechanism to protect electronic equipments and its sensitive data. More particularly, the present invention relates to a tamper proof mechanism having an irreversible tamper proof routine. Further, the present invention provides a tamper proof mechanism to detect tamper attempt through any or all of the means of mechanical, electrical and environmental provisions. The present invention provides a built-in power source to detect and power tamper protection circuit and manage its status and life through appropriate means. In addition, the present invention provides a reliable memory multiple erase mechanism to ensure erasure of all memory data and to ensure that any attempt to read the memory is rendered futile.

No. of Pages : 28 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5833/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : PIPES MADE FROM A POLYETHYLENE COPOLYMER WITH SLOW CRACK GROWTH □

(51) International classification	:C08K5/13
(31) Priority Document No	:10007214.9
(32) Priority Date	:13/07/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/002614
Filing Date	:26/05/2011
(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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1)B „CKMAN Mats

(57) Abstract :

The present invention relates to a pipe consisting of a polyethylene composition which comprises - a base resin comprising a first ethylene homo- or copolymer (A); and a second ethylene copolymer (B); and the polyethylene composition further comprises - a phenol-type stabilizer (C); and - a phenol-type stabilizer (D); whereby stabilizers (C) and (D) are different. The present invention is furthermore directed to the use of - a phenol-type stabilizer (C); and - a phenol-type stabilizer (D); whereby stabilizers (C) and (D) are different and optionally - a further stabilizer (E) selected from phosphorous containing stabilizer (E1); sulphur containing stabilizers (E2); nitrogen containing stabilizers (E3); and/or mixtures thereof; for increasing the slow crack growth resistance of pipes.

No. of Pages : 46 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5834/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : APPARATUS FOR AND SYSTEM FOR ENABLING A MOBILE COMMUNICATOR

(51) International classification :H04M1/00
(31) Priority Document No :12/638290
(32) Priority Date :15/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/060014
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

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(72)**Name of Inventor :**
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2)Douglas L. Garmany
3)Charles T. Kelly

(57) Abstract :

Provided herein is a mobile communicator that includes a contact operable between an open configuration and a closed configuration and positioned to complete an electric circuit when the contact is in the closed position thereby activating the mobile communicator and providing the mobile communicator with functionality. The mobile communicator includes a display, a notification mechanism for alerting a user, a user interface configured for allowing a user to enter a plurality of destination inputs, the plurality of destination inputs associated with an alphanumeric combination of numbers and letters, a transmitter in operable communication with the user interface and configured to send a transmission from the mobile communicator to a destination corresponding with the destination input, a receiver capable of receiving a transmission from a transmitting device and an enabling system. Further, the mobile communicator includes an initial default disabled state, wherein at least one of a plurality of functions are disabled. The mobile communicator remains in the initial default disabled state even when the contact is in the closed position and the activating electrical circuit is complete. A logic of the enabling system is configured to change the initial default disabled state of the mobile communicator to an enabled state, wherein the at least one of the plurality of functions become enabled, when a hands-free mode of the mobile communicator is activated.

No. of Pages : 71 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5836/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : HIERARCHICAL ROUTING AND INTERFACE SELECTION FOR MULTI-PROCESSOR MULTIMODE NETWORK DEVICES

(51) International classification	:H04W88/06
(31) Priority Document No	:61/297,338
(32) Priority Date	:22/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/022045
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

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2)VANGALA Venkata Satish Kumar

(57) Abstract :

The embodiments simplify the development of applications for current and future wireless communication devices resolving the deficiencies of current methods by providing a hierarchical routing layer which abstracts the actual proximity of the network connection. An application can request and receive a type of network connection without having to address details of the actual connection established. A hierarchical routing layer is provided within the software architecture of each processor within the computing device. The hierarchical routing layer abstracts the actual proximity of the network connectivity on the modem from the applications using proxy network interfaces. The hierarchical routing layers on each processor cooperate to identify a best network interface for an application network request. The routing layer enables response to an application request for a network interface in a simple manner regardless of whether the network interface is provided on the application host processor or another processor.

No. of Pages : 55 No. of Claims : 60

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5837/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : IMPROVED METHODS OF TREATING A BIOMASS FOR ENZYMATIC HYDROLYSIS

(51) International classification :D21C1/00
(31) Priority Document No :61/266,618
(32) Priority Date :04/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/058960
Filing Date :03/12/2010
(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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3)HALL Melanie
4)LEE. Jay Henry

(57) Abstract :

The present invention is a process for treating a feedstock comprising holecellulose. The process comprises mixing the feedstock with a solution comprising cellulose binding domains to form a mixture. The mixture is then subjected to conditions sufficient to reduce the crystallinity of holocellulose. Subsequent enzymatic hydrolysis may shown an improved rate and/or fermentable sugar yield as compared to processes which do not employ the process.

No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5838/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : INLINE COATING INSTALLATION

(51) International classification :C23C16/517
(31) Priority Document No :10 2010 000 001.9
(32) Priority Date :04/01/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/IB2010/055949
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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2)SCHLEMM Hermann

3)GROSSE Thomas

4)DECKER Daniel

5)GRIMM Michael

(57) Abstract :

The invention relates to an inline coating installation comprising at least one process chamber having at least two plasma sources successively arranged in the direction of transport of substrates through the process chamber. The aim of the invention is to provide such an inline plasma coating installation that enables a continuous large-surface and effective deposition of highly qualitative multi-layered and/or gradient layers. To this end such an inline plasma coating installation is provided wherein the at least two plasma sources are different plasma sources operating at different excitation frequencies.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5839/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : DEVICE AND METHOD FOR PRODUCING A FINE-GRAINED FUEL BY DRYING AND IMPACT CRUSHING

(51) International classification	:B02C13/288
(31) Priority Document No	:10 2010 006 916.7
(32) Priority Date	:04/02/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/000336
Filing Date	:26/01/2011
(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)ABRAHAM Ralf
2)HAMEL Stefan
3)SCH „FER Ralf

(57) Abstract :

Contrivance and process for the production of a fine-grained fuel in particular from solid pasty or aqueous energy feedstocks by means of drying and crushing comprising an impact reactor with a rotor and impact elements a labyrinth seal near the rotor shaft of the impact reactor a device for feeding the hot drying gas through the labyrinth seal into the impact reactor at least one additional hot drying gas feed device at the bottom of the impact reactor a solid or pasty energy feedstock feed device at the top of the reactor at least one device for discharging a gas stream containing crushed and dried energy feedstock particles and device for separating and discharging crushed and dried energy feedstock particles from the gas stream discharged from the impact reactor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2926/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :25/11/2008

(43) Publication Date : 22/11/2013

(54) Title of the invention : A METHOD AND DEVICE FOR CONTROLLING THE CHARGING OF THE BATTERY OF A MOTOR VEHICLE

(51) International classification :H02J7/00
(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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4)AYYADEVARA NARASIMHA KRISHNAKANTH
5)KABBINA SHIVATARAK PRANATHI

(57) Abstract :

A method of controlling the charging of the battery of a motor vehicle comprising the steps of sensing the battery charge and cutting off the charging output whenever the battery charge rises above a first predetermined value; resuming the charging output whenever the battery charge falls to or below the first predetermined value; boost charging the battery whenever the charge falls below a second predetermined value less than the first predetermined value; indicating that the charge has fallen below a third predetermined value, less than the second predetermined value, but has not increased within a predetermined number of cycles of boost charging.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5841/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : BIODEGRADABLE BLOCK POLYMERS FOR DRUG DELIVERY AND METHODS RELATED THERETO

(51) International classification :C08G64/18

(31) Priority Document No :12/646,024

(32) Priority Date :23/12/2009

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

(86) International Application No :PCT/SG2010/000485

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 :

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4)YI YAN YANG

(57) Abstract :

A biodegradable block copolymer is disclosed comprising a hydrophilic block derived from a polyether alcohol; and a hydrophobic block comprising a first repeat unit derived by ring opening polymerization of a first cyclic carbonyl monomer initiated by the polyether alcohol the first repeat unit comprising a side chain moiety comprising a functional group selected from the group consisting of urea groups a carboxylic acid groups and mixtures thereof. No side chain of the hydrophobic block comprises a covalently bound biologically active material. The block copolymer self-assembles in water forming micelles suitable for sequestering a biologically active material by a non-covalent interaction and the block copolymer is 60% biodegraded within 180 days in accordance with ASTM D6400.

No. of Pages : 100 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5842/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : BIODEGRADABLE POLYMERS COMPLEXES THEREOF FOR GENE THERAPEUTICS AND DRUG DELIVERY AND METHODS RELATED THERETO □

(51) International classification :C08G64/18

(31) Priority Document No :12/645,931

(32) Priority Date :23/12/2009

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

(86) International Application No :PCT/SG2010/000487

Filing Date :23/12/2010

(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)KAZUKI FUKUSHIMA

2)JAMES LUPTON HEDRICK

3)YI YAN YANG

(57) Abstract :

A biodegradable cationic polymer is disclosed comprising first repeat units derived from a first cyclic carbonyl monomer by ring-opening polymerization wherein more than 0% of the first repeat units comprise a side chain moiety comprising a quaternary amine group; a subunit derived from a monomeric diol initiator for the ring-opening polymerization; and an optional endcap group. The biodegradable cationic polymers have low cytotoxicity and form complexes with biologically active materials useful in gene therapeutics and drug delivery.

No. of Pages : 84 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5843/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : VERTICAL AXIS VARIABLE GEOMETRY WIND ENERGY COLLECTION SYSTEM

(51) International classification	:F03D3/00	(71)Name of Applicant :
(31) Priority Document No	:PCT/US2010/020145	1)AARON MICHAEL
(32) Priority Date	:05/01/2010	Address of Applicant :548 BARNES DRIVE
(33) Name of priority country	:PCT	CLARKSVILLE Tennessee 37040 United States Of America
(86) International Application No	:PCT/US2010/020145	(72)Name of Inventor :
Filing Date	:05/01/2010	1)AARON MICHAEL
(87) 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 device to convert the kinetic energy of wind into kinetic energy in the form of a rotating mass (Fig.9) and to then selectively harvest and convert the kinetic energy of the rotating mass into electrical energy using both permanent magnet and electromagnetic generators (Fig.33). The conversion of the kinetic energy of wind into mechanical kinetic energy of the rotating mass is maximized through mechanical means by varying the physical moment of inertia of the rotating mass programmatically based upon real time sensor data (Figs.27A 27B). The conversion of the kinetic energy of the rotating mass into electrical energy is maximized through the programmatical control of the field coil current of the electromagnetic generator based upon real time sensor data.

No. of Pages : 116 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1971/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :17/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : AN INTEGRATED SYSTEM TO DETECT AND LOCATE DAMAGE AND/OR WEAR AND TEAR IN CONVEYOR BELTS AND A METHOD FOR SUCH DETECTION

(51) International classification	:B65G 43/00	(71)Name of Applicant : 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)RITESH AGARWAL
Filing Date	:NA	2)SHAIKH BADIUJZAMA
(87) 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 integrated system to detect and locate damage and/or wear and tear in conveyor belts (10) that comprises a plurality of sensors (13, 21, 31) for detecting damage to a conveyor belt (10), operably connected to a control unit (60) configured to generate an alarm and/or a conveyor belt stop command on detecting damage to the conveyor belt (10). When damage is detected and the stop command generated the control unit (60) monitors the belt deceleration and on stopping gives and accurate reading on an operator interface (61) as to the location of the damage. The present invention also provides a system and method for detecting the location of damage and/or wear and tear in a conveyor belt (10).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3628/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :30/11/2010

(43) Publication Date : 22/11/2013

(54) Title of the invention : VACCINE FORMULATION FOR PROPHYLAXIS AND TREATMENT OF CHANDIPURA VIRUS INFECTIONS IN MAMMALS

(51) International classification	:A61K39/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)BHARAT BIOTECH INTERNATIONAL LIMITED
(32) Priority Date	:NA	Address of Applicant :GENOME VALLEY, TURKAPALLY
(33) Name of priority country	:NA	SHAMEERPET, HYDERABAD - 500 078. Andhra Pradesh India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)ELLA, KRISHNA MURTHY
(87) International Publication No	: NA	2)SUMATHY, K.
(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 related to pharmaceutical formulations capable of eliciting protective immune response against Chandipura virus infection in humans and other mammalian hosts. The immunogenic formulation comprises Chandipura virus glycoprotein (G protein) and/or nucleoprotein expressed as recombinant proteins and purified from host cells. Vaccine compositions comprising the recombinant proteins elicit neutralizing antibodies similar to the vaccine compositions of purified inactivated Chandipura virus in a stable formulation. Methods of inactivating Chandipura virus for use as a candidate vaccine are disclosed. The vaccine compositions have been formulated with adjuvants to potentiate the immune response. The vaccine compositions disclosed in the invention are highly immunogenic and elicit protective immune response in mammalian host. The immunogenic compositions are formulated for in vivo administration to humans. The immunogenic preparation will also find use in diagnosing for the presence of the virus.

No. of Pages : 44 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5857/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : III-V LIGHT EMITTING DEVICE INCLUDING A LIGHT EXTRACTING STRUCTURE

(51) International classification :H01L33/20

(31) Priority Document No :12/688209

(32) Priority Date :15/01/2010

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

(86) International Application No :PCT/IB2010/056112

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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2)PHILIPS LUMILEDS LIGHTING COMPANY LLC

(72)Name of Inventor :

1)DAVID Aurelien J. F.

2)KRAMES Michael R.

3)MCLAURIN Melvin B.

(57) Abstract :

Embodiments of the invention include a substrate comprising a host and a seed layer bonded to the host and a semiconductor structure comprising a light emitting layer disposed between an n-type region and a p-type region grown over the seed layer. A variation in index of refraction in a direction perpendicular to a growth direction of the semiconductor structure is disposed between the host and the light emitting layer.

No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5858/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHOD OF FORMING A COMPOSITE SUBSTRATE AND GROWING A III-V LIGHT EMITTING DEVICE OVER THE COMPOSITE SUBSTRATE

(51) International classification :H01L33/00

(31) Priority Document No :12/688382

(32) Priority Date :15/01/2010

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

(86) International Application No :PCT/IB2011/050096

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

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2)PHILIPS LUMILEDS LIGHTING COMPANY LLC

(72)Name of Inventor :

1)GARDNER Nathan F.

2)KRAMES Michael R.

3)MCLAURIN Melvin B.

4)YI Sungsoo

(57) Abstract :

A method according to embodiments of the invention includes providing a substrate comprising a host and a seed layer bonded to the host. The seed layer comprises a plurality of regions. A semiconductor structure comprising a light emitting layer disposed between an n-type region and a p-type region is grown on the substrate. A top surface of a semiconductor layer grown on the seed layer has a lateral extent greater than each of the plurality of seed layer regions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5859/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : REPLACEABLE NASAL PILLOW KIT

(51) International classification	:A61M16/06
(31) Priority Document No	:61/295253
(32) Priority Date	:15/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/055921
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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(72)**Name of Inventor :**
1)HO Peter Chi Fai

(57) Abstract :

A kit for fitting a patient interface device to the naris of a patient. The patient interface device employs a replaceable nasal pillow. The kit comprises a plurality of nasal pillows each having a characteristic that varies from one of the plurality of nasal pillows to another of the plurality of nasal pillows. Each of the nasal pillows comprises a base portion a casing and a fill material. The base portion is structured to be disposed on a portion of the patient interface device. The casing is coupled to the base in a manner which defines a sealed cavity therein. The casing includes an outer portion structured to sealingly engage a naris of a patient and an inner portion. The fill material is disposed in the sealed cavity defined by the casing and the base.

No. of Pages : 40 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3261/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :24/12/2008

(43) Publication Date : 22/11/2013

(54) Title of the invention : AN ENGINE CONTROL SYSTEM FOR A MOTOR VEHICLE

(51) International classification	:B60W	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :JAYALAKSHMI ESTATES NO. 24
(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)SAMRAJ JEBEZ DHINAGAR
(61) Patent of Addition to Application Number	:NA	2)T MANIKANDAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An engine control system for a motor vehicle comprising an electronic controller; a sensor for the engine oil sump connected to the controller, said sensor feeding input signals to the controller when predetermined decreases in engine oil level occur, said controller processing the input signals for sending out output signals; perceptible means of cautionary indication for receiving the said output signals and means for also receiving the said output signals to control the ignition pattern of the engine.

No. of Pages : 15 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5863/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : A POWER FACTOR CORRECTION CIRCUIT OF AN ELECTRONIC BALLAST

(51) International classification :H05B41/28
(31) Priority Document No :201010003561.9
(32) Priority Date :15/01/2010
(33) Name of priority country :China
(86) International Application No :PCT/IB2010/056098
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)WU Jun

(57) Abstract :

This invention relates to a power factor correction circuit of an electronic ballast. The electronic ballast includes a rectification circuit, a first capacitive element and an inverter. The power factor correction circuit comprises a unidirectional element, an inductive element and a second capacitive element. The unidirectional element is connected in series with the inductive element, and the second capacitive element is connected in parallel with the unidirectional element and the inductive element. A junction of the unidirectional element and the second capacitive element is coupled to a first output terminal of the rectification circuit, a junction of the inductive element and the second capacitive element is coupled to an input terminal of the inverter, and the first capacitive element is coupled between a second output terminal of the rectification circuit and a junction of the unidirectional element and the inductive element. It was found that a power factor correction circuit according to an embodiment of the present invention can increase the power factor of an electronic ballast to a high value, such as 0.98, while the size of the power factor correction circuit is small enough to be implemented in a small size lamp.

No. of Pages : 21 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5864/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : DATA DETECTION FOR VISIBLE LIGHT COMMUNICATIONS USING CONVENTIONAL CAMERA SENSOR

(51) International classification	:H05B37/02
(31) Priority Document No	:10150854.7
(32) Priority Date	:15/01/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2011/050151
Filing Date	:13/01/2011
(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)SCHENK Tim Corneel Wilhelmus
2)DE BRUIJN Frederik Jan
3)VLUTTERS Ruud
4)FERI Lorenzo

(57) Abstract :

The invention relates to a detection system for determining data embedded into the light output of a light source in a form of a repeating sequence of N symbols. The detection system includes a camera and a processing unit. The camera is configured to acquire a series of images of the scene via specific open/closure patterns of the shutter. The processing unit is configured to process the acquired series of images to determine the repeating sequence of N symbols. By carefully triggering when a shutter of the camera is open to capture the different symbols of the encoded light within each frame time of a camera a conventional camera with a relatively long frame time may be employed. Therefore the techniques presented herein are suitable for detecting the invisible high frequency coded light while using less expensive cameras as those used in the prior art.

No. of Pages : 45 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5865/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : REPLACEABLE NASAL PILLOW

(51) International classification	:A61M16/06
(31) Priority Document No	:61/295255
(32) Priority Date	:15/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/055966
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)HO Peter Chi Fai

(57) Abstract :

A replaceable nasal pillow for use in a patient interface device the nasal pillow comprising: a base portion a casing and a fill material. The base portion is structured to be disposed on a portion of the patient interface device. The casing is coupled to the base in a manner that defines a sealed cavity therein. The casing includes an inner portion and an outer portion that is structured to sealingly engage a nare of a patient. The fill material is disposed in the sealed cavity defined by the casing and the base.

No. of Pages : 41 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5866/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : ELECTRIC PROPERTIES TOMOGRAPHY IMAGING METHOD AND SYSTEM

(51) International classification :G01R33/48
(31) Priority Document No :10150979.2
(32) Priority Date :18/01/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2011/050146
Filing Date :13/01/2011
(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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2)KATSCHER Ulrich
3)ROZIJN Thomas Hendrik
4)HARVEY Paul Royston
5)HOMANN Hanno Heyke
6)FINDEKLEE Christian
7)HANSIS Eberhard Sebastian

(57) Abstract :

The invention relates to a magnetic resonance method of electric properties tomography imaging of an object, the method comprising:
- applying an excitation RF field to the object via a coil at a first spatial coil position (402), acquiring resulting magnetic resonance signals via a receiving channel from the object, determining from the acquired magnetic resonance signals a first phase distribution and a first amplitude of a given magnetic field component of the excitation RF field of the coil at the first coil position (402), - applying an excitation RF field to the object via a coil at a second spatial coil position (404), wherein the second spatial coil position (404) is different from the first spatial coil position (402), acquiring resulting magnetic resonance signals via the receiving channel from the object, determining from the acquired magnetic resonance signals a second phase distribution and a second amplitude of the given magnetic field component of the excitation RF field of the coil at the second coil position (404), - determining a phase difference between the first and second phase distribution, - determining a first and a second complex permittivity of the object, the first complex permittivity comprising the first amplitude of the given magnetic field component and the second complex permittivity comprising the second amplitude of the given magnetic field component and the phase difference, - equating the first complex permittivity and the second complex permittivity for receiving a final equation and determining from the final equation a phase of the given magnetic field component for the first coil position (402).

No. of Pages : 35 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5867/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : IMAGING APPARATUS

(51) International classification :G01S15/89

(31) Priority Document No :61/296053

(32) Priority Date :19/01/2010

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

(86) International Application No :PCT/IB2011/050129

Filing Date :12/01/2011

(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)DELADI Szabolcs

2)MIHAJLOVIC Nenad

3)BABIC Drazenko

4)SUIJVER Jan Frederik

5)SHI Yan

(57) Abstract :

The invention relates to an imaging apparatus (1) for imaging an interior of an object (2). The imaging apparatus (1) comprises a first ultrasound sensor and a second ultrasound sensor for sensing the interior of the object at different frequencies wherein the ultrasound sensing signals from the first ultrasound sensor are used for generating a first ultrasound image and the ultrasound sensing signals from the second ultrasound sensor are used for generating a second ultrasound image. A larger frequency generally provides a smaller depth of penetrating the interior of the object and a larger spatial resolution than a smaller frequency. The imaging apparatus (1) can therefore provide the capability of simultaneously imaging the interior of the object with different spatial resolutions and at different penetration depths. This allows the imaging apparatus to improve the quality of imaging the interior of the object.

No. of Pages : 39 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5868/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : DETECTION APPARATUS AND DETECTION METHOD

(51) International classification :G01N21/33
(31) Priority Document No :201010004754.6
(32) Priority Date :19/01/2010
(33) Name of priority country :China
(86) International Application No :PCT/IB2011/050008
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)SHE Jun
2)BAKKER Levinus Pieter
3)RONDA Cornelis Reinder

(57) Abstract :

To overcome the disadvantages introduced by using UV sensors to detect the intensity of UV light in water purification apparatuses the present invention provides a novel detection apparatus to visualize □ the quality of water in the form of visible light instead of digitizing the intensity of UV light. The detection apparatus comprises a first detection window coated with a first material for converting a received first ultraviolet light into a first visible light wherein the first ultraviolet light is emitted from an ultraviolet light source and traverses the liquid and the apparatus further mixes the first visible light with a second visible light to generate a third visible light. The different color of the third visible light can represent the different quality of the water.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5870/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : GRAPHENE CHANNEL-BASED DEVICES AND METHODS FOR FABRICATION THEREOF □

(51) International classification :H01L21/822

(31) Priority Document No :12/783,676

(32) Priority Date :20/05/2010

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

(86) International Application No :PCT/EP2011/056581

Filing Date :26/04/2011

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)KUAN-NENG CHEN

2)YU-MING LIN

3)PHAEDON AVOURIS

4)DAMON BROOKS FARMER

(57) Abstract :

Graphene-channel based devices and techniques for the fabrication thereof are provided. In one aspect a semiconductor device includes a first wafer having at least one graphene channel formed on first substrate first oxide layer surrounding the graphene channel and source and drain contacts to the graphene channel that extend through the first oxide layer; and second wafer having a CMOS device layer formed in second substrate second oxide layer surrounding the CMOS device layer and a plurality of contacts to the CMOS device layer that extend through the second oxide layer the wafers being bonded together by way of an oxide-to-oxide bond between the oxide layers. One or more of the contacts to the CMOS device layer are in contact with the source and drain contacts. One or more other of the contacts to the CMOS device layer are gate contacts for the graphene channel.

No. of Pages : 33 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5871/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : PANELBOARD HAVING A PARALLEL FEEDER BARS DISTRIBUTION

(51) International classification :H02B1/056
(31) Priority Document No :12/640,777
(32) Priority Date :17/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/059400
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

(71)**Name of Applicant :**
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Address of Applicant :1415 S. Roselle Road Palatine
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(72)**Name of Inventor :**
1)DIAZ Mauricio
2)SALAS Ezequiel

(57) Abstract :

A load center includes a pair of generally parallel busbars for distributing a single phase of electricity to circuit breakers through a multitude of stabs that form respective bridges between the pair of busbars to provide respective bidirectional paths for dissipating heat from each of the stabs to both of the busbars and to provide a connection point for a pair of circuit breakers installed into the load center.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5872/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : MODIFICATION OF ENZYMATIC CROSSLINKERS FOR CONTROLLING PROPERTIES OF CROSSLINKED MATRICES

(51) International classification	:A61L24/08
(31) Priority Document No	:61/289,368
(32) Priority Date	:22/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/056008
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)LIFEBOND LTD

Address of Applicant :P.O Box 3048 Ha-Eshel 7 Industrial Park 38900 Caesarea Israel.

(72)Name of Inventor :

1)Guy TOMER

2)Orahn PREISS-BLOOM

(57) Abstract :

Improved matrix or hydrogel that is formed by enzymatic crosslinking of polymers wherein the crosslinking enzyme molecules have been modified for the purpose of improving the crosslinking density mechanical properties or other properties of the matrix and/or to provide improved control over the rate and/or extent of crosslinking wherein the enzyme molecules are modified to alter the perceived volume of the enzyme molecules in the crosslinked matrix being formed. Methods of production and of use are also provided.

No. of Pages : 72 No. of Claims : 61

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5873/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : TERMINAL AND GRANT PROCESSING METHOD THEREOF

(51) International classification :H04W52/04
(31) Priority Document No :201010265145.6
(32) Priority Date :20/08/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2011/075691
Filing Date :13/06/2011
(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)ZTE CORPORATION
Address of Applicant :ZTE Plaza Keji Road South Hi-Tech
Industrial Park Nanshan Shenzhen Guangdong 518057 China
(72)Name of Inventor :
1)Xiang CHENG
2)Yazhu KE
3)Lin LIU

(57) Abstract :

Disclosed are a terminal and a grant processing method therefor. The method includes: when a terminal carries out the 16 quadrature amplitude modulation (16QAM) operation if an absolute grant is mapped by using absolute grant value mapping relationship table 1 then scheduling grant table 1 will be utilized to update a serving grant; and if the absolute grant is mapped by using absolute grant value mapping relationship table 2 then scheduling grant table 2 will be utilized to update the serving grant. By way of the present invention the boundaries of various tables match each other as far as possible thereby the performance problem appearing during the engineering application can be solved improving the performance of high speed uplink packet access (HSUPA) technology during engineering application.

No. of Pages : 63 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5874/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHOD AND APPARATUS FOR MULTIPLEXING IN MULTI-USER MULTIPLEXING TECHNOLOGY

(51) International classification	:H04W72/04
(31) Priority Document No	:201010174120.5
(32) Priority Date	:13/05/2010
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2011/072474
Filing Date	:06/04/2011
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ZTE CORPORATION
Address of Applicant :ZTE Plaza Keji Road South Hi-Tech Industrial Park Nanshan Shenzhen Guangdong 518057 China
(72)**Name of Inventor :**
1)Ruijing HAO

(57) Abstract :

Disclosed are a multiplexing method and apparatus in the multi-user multiplexing technology, for first sorting out one or more multiplexing resource pools according to a multiplexing parameter combination; ranking multiplexing users in the one or more multiplexing resource pools according to a value parameter; and carrying out multi-user multiplexing on adjacent multiplexing users according to a ranking result. When sorting, the multiplexing space constructed by the multiplexing parameters is divided into a plurality of resource pools; a resource pool with the power thereof being required to be down-regulated or keep unchanged is sorted out as a strong signal area from the plurality of resource pools, such as A B C and D areas; and the steady state users belonging to the strong signal area are constructed as a multiplexing resource pool. In the present invention, the parameters affecting user multiplexing are taken into consideration comprehensively, the users are grouped and treated differently, and aspects such as number of users, number of parameters, parameter range and parameter combination can be flexibly extended, and finally the users can keep better operation state after multiplexing.

No. of Pages : 28 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2166/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :05/09/2008

(43) Publication Date : 22/11/2013

(54) Title of the invention : STARTING SYSTEM FOR A MOTOR VEHICLE

(51) International classification	:F02P7/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :JAYALAKSHMI ESTATES NO.24
(33) Name of priority country	:NA	(OLD NO.8) HADDOWS ROAD, CHENNAI 600006 Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ANNAMALAI PALANIAPPAN
(61) Patent of Addition to Application Number	:NA	2)HARNE VINAY CHANDRAKANT
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A starting system for a motor vehicle comprising a DC ignition system incorporating a magneto mounted on the crankshaft of the engine, at least one Hall Effect sensor mounted on the engine crankcase for sensing the movement of a pip provided on the magneto rotor, the pip location on the rotor being at a predetermined position corresponding to a predetermined ignition timing of the engine; an ignition controller for receiving the output signal of the Hall effect sensor, the output of the controller being fed to the ignition coil and thence to the spark plug of the engine for initiating a spark at the predetermined ignition timing, the said Hall effect sensor producing a square signal irrespective of the cranking rpm, generating a high energy spark irrespective of cranking rpm, the Hall effect sensor, however, producing no signal, and consequently no spark, during any rotation of the magneto rotor in the reverse direction.

No. of Pages : 12 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5892/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : COMMUNICATION SYSTEM MOBILE STATION APPARATUS RADIO LINK STATE MANAGEMENT METHOD AND INEGRATED CIRCUIT

(51) International classification	:H04W76/00
(31) Priority Document No	:2009-279652
(32) Priority Date	:09/12/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/071895
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)SHARP KABUSHIKI KAISHA

Address of Applicant :22-22 Nagaike-cho Abeno-ku
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(72)Name of Inventor :

1)UEMURA Katsunari

2)YAMADA Shohei

3)NAKASHIMA Daiichiro

4)KATO Yasuyuki

(57) Abstract :

In a communication system including a base station apparatus performing communication through the use of a plurality of frequency bands and a mobile station apparatus wirelessly-connected to the base station apparatus, efficiently managing a radio link state of the frequency band is achieved in consideration of a cooperation relation between the plurality of frequency bands. In the communication system comprising the base station apparatus and the mobile station apparatus communicate with each other by aggregating a plurality of cells of different frequencies, the base station apparatus, in a case of configuring a plurality of cells of different frequencies to the mobile station apparatus, configures linkage information indicating a cooperation relation between an uplink and a downlink for each of the cells, and a timer for managing a state of the cells, and the mobile station apparatus simultaneously changes states of the uplink and the downlink of the cell upon the timer being expired, based on the linkage information for each the cell configured by the base station apparatus.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5893/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : THREE-DIMENSIONAL RECORDING AND DISPLAY SYSTEM USING NEAR-AND DISTAL-FOCUSED IMAGES

(51) International classification	:H04N13/00
(31) Priority Document No	:12/636,570
(32) Priority Date	:11/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/058412
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 :90 Inverness Circle East Englewood-Colorado 80112 U.S.A.
(72)**Name of Inventor :**
1)KENNEDY John T.

(57) Abstract :

Methods and apparatuses for providing simulated three-dimensional images on a two-dimensional display screen without the use of special filters or overlays on the display or special eyewear. Images having different focal points are displayed as pictures and switched between rapidly such that the human eye automatically adjusts to focus on each picture in succession. As the pictures are presented sequentially the viewer may perceive that the display shows images at different depth planes. The number of depth planes may vary between embodiments.

No. of Pages : 30 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5894/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHOD FOR PRODUCING LONG FIBER NONWOVEN FABRIC

(51) International classification :D01D5/098
(31) Priority Document No :2009-279359
(32) Priority Date :09/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/071790
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)TORAY INDUSTRIES INC.

Address of Applicant :Nihonbashi-Muromachi 2-chome
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(72)Name of Inventor :

1)NAKANO Yohei

2)YAKAKE Yoshikazu

(57) Abstract :

Provided is a method for producing a long fiber nonwoven fabric which uses polyphenylene sulfide exhibiting excellent spinnability as the main component, and which involves a simplified step hi which heat treatment, which is performed for the purpose of having dimensional stability against heat, is not performed hi the step after a nonwoven fiber web was formed. The method for producing a long fiber nonwoven fabric involves : a step (a) for obtaining a long fiber by melting a resin which has polyphenylene sulfide as the main component, and by pulling and stretching a thread, which was frozen and solidified after being ejected through a spinneret, at a spinning speed of 3,000m/min or more by means of an ejector, while heating said thread up to the ejector outlet; a step (b) for forming the long fiber into a nonwoven fiber web by collecting the long fiber on a moving net; and a step (c) for thermally adhering the resulting nonwoven fiber web.

No. of Pages : 41 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5895/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : IRON-CHROMIUM ALLOY WITH IMPROVED COMPRESSIVE YIELD STRENGTH AND METHOD OF MAKING AND USE THEREOF

(51) International classification :C22C38/00
(31) Priority Document No :12/652,635
(32) Priority Date :05/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/003245
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)L.E. JONES COMPANY
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Michigan 49858 U.S.A.
(72)Name of Inventor :
1)QIAO Cong Yue
2)TRUDEAU Todd

(57) Abstract :

A chromium-iron alloy comprises in weight % 1 to 3% C 1 to 3% Si up to 3%Ni 25 to 35% Cr 1.5 to 3% Mo upto 2% W 2.0 to 4.0% Nb upto 3.0% V up to 3.0% Ta up to 1.2% B up to 1% Mn and 43 to 64% Fe. In a preferred embodiment the chromium-iron alloy comprises in weight % 1.5 to 2.3 % C 1.6 to 2.3% Si 0.2 to 2.2% Ni 27 to 34% Cr 1.7 to 2.5% Mo 0.04 to 2% W 2.2 to 3.6% Nb up to 1% V up to 3.0% Ta up to 0.7% B 0.1 to 0.6% Mn and 43 to 64% Fe. The chromium-iron alloy is useful for valve seat inserts for internal combustion engines such as diesel or natural gas engines.

No. of Pages : 30 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5896/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHOD AND SYSTEM OF ADAPTING A DATA MODEL TO A USER INTERFACE COMPONENT

(51) International classification	:G06F9/44
(31) Priority Document No	:10305589.3
(32) Priority Date	:03/06/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/056412
Filing Date	:21/04/2011
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)International Business Machines Corporation
Address of Applicant :New Orchard Road Armonk New York 10504 U.S.A.
(72)**Name of Inventor :**
1)FREDERIC DELHOUME
2)THOMAS BAUDEL

(57) Abstract :

The invention provides a method for generating a display of a source data model on a user interface component being associated with a target data model. The source data model and the target data model comprise a collection of data types (class/object) each comprising a set of named and types attributes. The method comprises: a. for each source data type of the source data model determining a matching target type among said target types in the target data model, b. linking said source type to said matching target type, c. generating a display of said source data model using said link between a source type and a target type. Step a comprises: - for each target type in the target data model, determining an attribute score matrix storing a score value for each correspondence between each target attribute in a first attribute set of said target attribute and each source attribute of said source data type, based on a set of predefined matching rules, - determining a target type score for the target type based on the attribute score matrix, and - determining the matching target type for said source type based on the target type scores associated with the target types of the target model.

No. of Pages : 43 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5897/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR RANKING DOCUMENTS

(51) International classification :G06F7/00
(31) Priority Document No :12/688,365
(32) Priority Date :15/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/060226
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 :**
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(72)**Name of Inventor :**
1)MARK C. STIVER
2)VIMAL KOUL
3)EUPHEMIA H. MILLER
4)JEFF A. SEITTER

(57) Abstract :

Systems methods and computer-readable media are provided for ranking documents. An exemplary method includes receiving a plurality of queries from a user that are related to a search topic. The queries are compared to a plurality of documents stored in a database to identify candidate documents that match one or more of the queries. The number of matching queries is determined for the candidate documents. The candidate documents are ranked using a computer processor for relevance to the search topic based at least on the number of matching queries for each respective candidate document.

No. of Pages : 34 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5898/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : ANTIMICROBIAL POLYMERS AND METHODS OF MANUFACTURE THEREOF

(51) International classification :C08G64/18

(31) Priority Document No :12/646,071

(32) Priority Date :23/12/2009

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

(86) International Application No :PCT/SG2010/000486

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)INTERNATIONAL BUSINESS MACHINES CORPORATION

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2)AGENCY FOR SCIENCE TECHNOLOGY AND RESEARCH

(72)Name of Inventor :

1)JAMES LUPTON HEDRICK

2)KAZUKI FUKUSHIMA

3)YI-YAN YANG

(57) Abstract :

Biodegradable cationic block copolymers are disclosed comprising a hydrophilic block comprising first repeat units derived from a first cyclic carbonyl monomer by ring-opening polymerization wherein more than 0% of the first repeat units comprise a side chain moiety comprising a quaternary amine group; a hydrophobic block comprising second repeat units derived from a second cyclic carbonyl monomer by ring-opening polymerization; an optional endcap group; and a chain fragment derived from an initiator for the ring opening polymerization. The cationic block copolymers form aqueous micelle mixtures suitable for antimicrobial applications.

No. of Pages : 128 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/05/2012

(21) Application No.1965/CHE/2012 A

(43) Publication Date : 22/11/2013

(54) Title of the invention : CASIMIR ENGINE

(51) International classification

:H02N
11/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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PAZHAVANTHANGAL POST, CHENNAI, TAMILNADU, PIN
- 600 114 Tamil Nadu India

(72)Name of Inventor :

1)ARUNKUMAR V

(57) Abstract :

The invention is primarily a reciprocating type energy generation / energy conversion device that uses Casimir effect as the source of energy interaction.. The device uses Casimir effect in at least in one of the two strokesand at least in one of the Casimir effects (viz. attractive & repulsive Casimir effects). The device aims to tap the Casimir energy through reciprocating motion and converts the reciprocating motion into rotary mechanical energy. The induce repulsive Casimir effect is induced by special materials such as meta-materials and / or specific fluid interaction.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5900/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHODS FOR PURIFYING MONOSACCHARIDE MIXTURES CONTAINING IONIC IMPURITIES

(51) International classification	:B01D15/36
(31) Priority Document No	:61/267,127
(32) Priority Date	:07/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/059244
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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Address of Applicant :597 Laurier Boulevard Mont-Saint-Hilaire Quebec J3H 6CH Canada

(72)Name of Inventor :

1)Edward DELANEY

2)Anil OROSKAR

(57) Abstract :

Disclosed herein are methods for separating ionic impurities from monosaccharide processing streams using simulated moving bed chromatography.

No. of Pages : 21 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5901/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : INORGANIC FIBROUS MOLDED REFRACTORY ARTICLE METHOD FOR PRODUCING INORGANIC FIBROUS MOLDED REFRACTORY ARTICLE AND INORGANIC FIBROUS UNSHAPED REFRACTORY COMPOSITION

(51) International classification	:C04B35/80	(71)Name of Applicant :
(31) Priority Document No	:2010-001937	1)NICHIAS CORPORATION
(32) Priority Date	:07/01/2010	Address of Applicant :1-26 Shibadaimon 1-chome Minato-
(33) Name of priority country	:Japan	ku Tokyo 105-8555 Japan
(86) International Application No	:PCT/JP2010/073272	(72)Name of Inventor :
Filing Date	:24/12/2010	1)IWATA Koji
(87) International Publication No	: NA	2)YONAIYAMA Ken
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An inorganic fibrous shaped refractory article having a high bio-solubility which is capable of exhibiting a desired heat resistance without containing expensive ceramic fibers alumina powder and silica powder can be provided at a low production cost and with a low product price. An inorganic fibrous shaped refractory article includes 2 to 95 mass% of rock wool 2 to 95 mass% of inorganic powder having a needle-like crystal structure and 3 to 32 mass% of a binder. Preferably in the an inorganic fibrous shaped refractory article the inorganic powder having a needle-like crystal structure has an average length of 1 to 3000 μm and an aspect ratio of 1 to 1000 and more preferably the inorganic powder having a needle-like crystal structure is wollastonite powder or sepiolite powder.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5902/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : CYLINDER PUMP

(51) International classification :A61M5/142
(31) Priority Document No :10-2010-0000924
(32) Priority Date :06/01/2010
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/002152
Filing Date :08/04/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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Republic of Korea

2)LEE Sang Bin

3)LEE Kun-Hyung

(72)Name of Inventor :

1)LEE Sang Bin

2)LEE Kun-Hyung

3)LEE Jeong Ju

4)CHOI Jae Soon

5)LEE Seung Won

(57) Abstract :

The present invention relates to a simple and small cylinder pump, which can stably supply a medical fluid regardless of the installed height of a liquid container or a blood bag. The cylinder pump includes an upper casing, and a lower casing coupled to the upper casing. An upper rotation member is rotatably inserted in the upper casing. A lower rotation member slidably contacting the upper rotation member is rotatably inserted in the lower casing. An inner wall of the upper casing, a lower outer surface of the upper rotation member, an inner wall of the lower casing, and an upper outer surface of the rotation member constitute a cylinder having a single-tube shape. Plungers are installed on the upper rotation member and on the lower rotation member, respectively, and rotate in the cylinder, the ends of which are closed

No. of Pages : 52 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5903/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : INORGANIC FIBROUS MOLDED REFRACTORY ARTICLE METHOD FOR PRODUCING INORGANIC FIBROUS MOLDED REFRACTORY ARTICLE AND INORGANIC FIBROUS UNSHAPED REFRACTORY COMPOSITION

(51) International classification	:C04B35/80	(71)Name of Applicant :
(31) Priority Document No	:2010-001938	1)NICHIAS CORPORATION
(32) Priority Date	:07/01/2010	Address of Applicant :1-26 Shibadaimon 1-chome Minato-
(33) Name of priority country	:Japan	ku Tokyo 105-8555 Japan
(86) International Application No	:PCT/JP2010/073273	(72)Name of Inventor :
Filing Date	:24/12/2010	1)IWATA Koji
(87) International Publication No	: NA	2)YONAIYAMA Ken
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

To provide a highly bio-soluble fibrous shaped refractory article which can develop desired heat resistance without containing ceramic fibers such as aluminum silicate fibers alumina powder and silica powder and can be provided at a low production cost and a low product cost. An inorganic fibrous shaped refractory article comprising 2 to 95 mass% of bio-soluble inorganic fibers having a dissolution ratio in a physiological saline at 40oC of 1 mass% or more 2 to 95 mass% of inorganic powder having a needle-like crystal structure and 3 to 32 mass% of a binder and in particular it is an inorganic fibrous refractory article wherein the inorganic powder having the needle-like crystal structure has an average length of 1 to 3000 μm and an aspect ratio of 1 to 1000.

No. of Pages : 23 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5904/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : Method and System for Discovery and Transparent Status Reporting for Sensor Networks

(51) International classification :G08B13/24

(31) Priority Document No :12/684,402

(32) Priority Date :08/07/2010

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

(86) International Application No :PCT/US2010/003065

Filing Date :01/12/2010

(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)ALICOT Jorge F.

2)RELIHAN Timothy J.

(57) Abstract :

A system and method for monitoring the status of wireless-node devices in a network. A network controller polls one or more sensor devices for status information. The sensor devices are in communication with at least one wireless node device. More than one sensor device may be associated with a single wireless node device. The wireless node device appends its own status information to the transmission frame of the sensor device's response message and the transmission frame containing the address and status information for both the sensor device and the wireless node device is transmitted to the network controller. The inclusion of the wireless node device address and status information is done without the knowledge of the sensor device.

No. of Pages : 26 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5905/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : REORDERING DISPLAY LINE UPDATES

(51) International classification :G09G3/34
(31) Priority Document No :12/683,284
(32) Priority Date :06/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/020060
Filing Date :03/01/2011
(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.
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(72)**Name of Inventor :**
1)TODOROVICH Mark M.

(57) Abstract :

An apparatus and method for driving a display. The order in which lines of a display are updated is changed in order to take advantage of potential similarities between updated data for the lines. The lines are grouped according to one or more common characteristics and one or more of the groups are updated sequentially.

No. of Pages : 47 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5906/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHOD AND APPARATUS FOR ACKNOWLEDGMENT DETECTION DURING PREAMBLE TRANSMISSION

(51) International classification	:H04L1/08
(31) Priority Document No	:12/692,056
(32) Priority Date	:22/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/061902
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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UNITED STATES OF AMERICA

(72)Name of Inventor :

1)SHI Jun

2)JULIAN David J.

(57) Abstract :

A method for wireless communication is disclosed the method including transmitting a plurality of preambles; and detecting an acknowledgement to one of the preambles during the transmission of another one of the preambles. An apparatus for performing the method is also disclosed.

No. of Pages : 23 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5907/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : CONTENTION BASED RESOURCE CONFIGURATION METHOD AND APPARATUS

(51) International classification :H04W72/12
(31) Priority Document No :200910238879.2
(32) Priority Date :31/12/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/080546
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 :
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(72)Name of Inventor :
1)QUAN Wei
2)ZHANG Qiao
3)HAN Guanglin
4)JIANG Yi
5)ZHANG Jian
6)QIN Zhongbin

(57) Abstract :

A CB resource configuration method is disclosed. The method includes: configuring, by a network device, one or more first objects to be capable of using a CB resource, where the one or more first objects belong to a proper subset of all first objects; and sending, by the network device, first CB resource information, where the first CB resource information is used for indicating that the one or more first objects are capable of using the CB resource. Embodiments of the present invention further provide a method for using a CB resource, a network device and a user equipment, and are applicable to relay scenarios or discontinuous reception scenarios. Through the method, the probability of the conflict during uplink transmission performed by using the CB resource can be reduced, the energy of the user equipment can be saved, and the implementation complexity of the user equipment can be lowered.

No. of Pages : 35 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5908/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHOD FOR CULTURING DENTAL PULP CELLS AND METHOD FOR TRANSPORTING EXTRACTED TOOTH FOR PRESERVATION

(51) International classification	:C12N5/00
(31) Priority Document No	:2009-289090
(32) Priority Date	:21/12/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/072464
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 :
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2)ADVANCED CENTER FOR TISSUE ENGINEERING LTD.
(72)Name of Inventor :
1)SAITO Ichiro
2)OOKUBO Ryo
3)OOTOMO Kouichi

(57) Abstract :

The present invention is directed to providing a method for transporting an extracted tooth for culturing and preserving dental pulp cells without damaging the function of the dental pulp cells in a living body. A method for harvesting dental pulp cells is characterized in comprising: providing a linear groove in a surface of the extracted tooth splitting the extracted tooth along the groove to expose dental pulp and soaking the extracted tooth in a medium and transporting while maintaining the extracted tooth at a suitable temperature for preserving the cells.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1943/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : PIPE RETENTION CLAMP

(51) International classification	:F16L3/00
(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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(72)**Name of Inventor :**
1)MAHANTESH GOKAVI
2)NAGESH NETKE

(57) Abstract :

A pipe retention clamp suitable to retain pipes of variable diameters is disclosed. The retention clamp is integrally made of hard plastic, preferably POM (polyoxymethylene). The retention portion of the clamp comprises a resilient arm and a flexible curved receptacle for sufficiently engaging and holding the periphery of a pipe of smaller diameter. The flexible curved receptacle is cantilevered to a side wall and is capable of flexing to its maximum and breaking away when a pipe of larger diameter is inserted into the retention portion, such that, the circumference of the larger diameter pipe would rest on the base of the retention portion. The curvature portion of the flexible curved receptacle has sufficient curve to support a greater section of the circumference of the smaller diameter pipe thus effectively and adequately holding and retaining the smaller diameter pipe and providing good stability to the pipe and avoiding vibrations.

No. of Pages : 20 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/05/2012

(21) Application No.2022/CHE/2012 A

(43) Publication Date : 22/11/2013

(54) Title of the invention : AN EFFICIENT METHOD FOR RACEMIZATION OF PREGABALIN INTERMEDIATE

(51) International classification :C07C227/00
(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)ALBANY MOLECULAR RESEARCH, HYDERABAD
RESEARCH CENTRE PVT. LTD**

Address of Applicant :PLOT #9, ALEXANDRIA
KNOWLEDGE PARK, HYDERABAD RESEARCH CENTRE
PVT. LTD. TURKAPALLY, SHAMEERPET, GENOME
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2)ALBANY MOLECULAR RESEARCH INC

(72)Name of Inventor :

1)SUBRAMANYAM MADDALA

2)DR. RAJENDRA KUMAR REDDY GADIKOTA

3)DR. SONNY SEBASTIAN

4)SHIVA KUMAR REDDY PUNREDDY

5)SRIDHAR JOGULA

(57) Abstract :

The present invention provides a simple and cost effective method for synthesis of pregabalin. The undesired S-isomer of 3-carbamoylmethyl)-5-methylhexanoic acid, produced during resolution step in synthesis of pregabalin is racemized to obtain a racemic 3-carbamoylmethyl)-5-methylhexanoic acid. The above said racemic 3-carbamoylmethyl)-5-methylhexanoic acid can be again converted to pregabalin. Racemization of (S)-isomer of 3-carbamoylmethyl)-5-methylhexanoic acid is present as a mixture along with the corresponding (R)-isomer or having only (S)-isomer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2351/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :29/09/2009

(43) Publication Date : 22/11/2013

(54) Title of the invention : VEHICLE WITH AN INTERNAL COMBUSTION ENGINE

(51) International classification	:B60R	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant : JAYALAKSHMI ESTATES ,
(33) Name of priority country	:NA	NO.29(OLD NO.8) HADDOWS ROAD, CHENNAI - 600 006.
(86) International Application No	:NA	Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SAMRAJ JABEZ DHINAGAR
(61) Patent of Addition to Application Number	:NA	2)SRIKUMAR ARAVINDAKRISHNAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A control unit comprising a signal conditioning circuit, micro controller, ignition driver circuit, LCD driver circuit and power electronic circuit placed beneath the instrument cluster at the front end of the vehicle can provide signal to an ignition coil located near the engine, provide signal to the instrument cluster, control power supply to the various electrical loads and provide signals to a decoder at the rear end of the vehicle for controlling the electrical loads at the rear end of the vehicle.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2352/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :29/09/2009

(43) Publication Date : 22/11/2013

(54) Title of the invention : CHARGING SYSTEM FOR AN ELECTRIC VEHICLE

(51) International classification

:H02J

(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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(72)Name of Inventor :

1)SAMRAJ JABEZ DHINAGAR

2)RAVINDAR NAIK

3)RAVIKUMAR RAMASAMUDRA PRAKASH

4)RASHI CHAWLA

(57) Abstract :

A switching device for connecting the energy storing device to the electric motor through a controller and a charger for recharging the energy storing device which is characterized in that there is an electric circuit that detects the mating of the charging plug with a charging socket on the vehicle and suitably controls the switching device to prevent starting of the vehicle while the charger is plugged to the vehicle.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5932/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHOD AND APPARATUS FOR MAINTAINING A ROUTING TABLE

(51) International classification :H04L12/56
(31) Priority Document No :200910242132.4
(32) Priority Date :08/12/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/076916
Filing Date :14/09/2010
(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 :
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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)PAN Tingshan

(57) Abstract :

A method for maintaining a routing table is disclosed in the present invention. The method comprises: when the Hash value of a to-be-added host route collides with that of a route in a host routing table adding the to-be-added host route into a Ternary Content Addressable Memory (TCAM). An apparatus for maintaining a routing table is also disclosed in the present invention. The apparatus comprises a determining unit and an adding unit wherein the determining unit is configured to determine whether the Hash value of a to-be-added host route collides with that of a route in a host routing table and if the determine result is yes trigger the adding unit; and the adding unit is configured to add the to-be-added host route into a TCAM. The method for maintaining a routing table in the present invention greatly improves the efficiency of routing query.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1886/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :11/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : POSITIONING APPARATUS FOR POSITIONING A PATIENT IN MEDICAL IMAGING SYSTEM

(51) International classification	:A61B6/00	(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)SINGH, RAJENDER
(87) 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 positioning apparatus for positioning a patient in a medical imaging system is disclosed. The positioning apparatus includes one or more base units. A base unit may have one or more driving units, a table assembly and one or more supporting units. The table assembly may be used for holding the patient. The one or more supporting units may connect the table assembly and the base unit. A supporting unit is capable of being driven by a driving unit in a horizontal direction with respect to the base unit to move a portion of the table assembly into a scanning unit of the medical imaging system for positioning the patient.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1966/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :17/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHOD AND SYSTEM FOR GENERATING AND PROCESSING BLACK BOX TEST CASES

(51) International classification	:G06Q 10/00	(71) Name of Applicant : 1)COGNIZANT TECHNOLOGY SOLUTIONS INDIA PVT.LTD. Address of Applicant :TECHNO COMPLEX NO. 5/535, OLD MAHABALIPURAM ROAD OKKIYAM THORAIPAKKAM CHENNAI - 600 097 Tamil Nadu 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 :
(87) International Publication No	: NA	1)RAMDEV, BHAT ANANT
(61) Patent of Addition to Application Number	:NA	2)SUNDARAM, GIRIPRIYA MEENAKSHI
Filing Date	:NA	3)KUMAR, NAVEEN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and system for generating and processing test cases for effective black box testing of software applications is provided. Test cases are automatically generated based on parameters that are identified from automated manual test cases associated with business models. The generated automated test cases cover one or more paths in the business models. Further, the automated test cases are optimized by determining minimal path covered by the automated test cases in the business models. The optimization is performed based on analysis of the one or more paths covered by the automated test cases in the business models. Furthermore, code coverage data of the optimized test cases are obtained by execution of the optimized test cases. Finally, based on the code coverage data and predetermined conditions, the optimized test cases are analyzed for at least prioritization and further optimization of the optimized test cases for effective black box testing.

No. of Pages : 61 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5950/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITION COMPRISING VITAMIN D ANALOGUE AND COSOLVENT-SURFACTANT MIXTURE

(51) International classification :A61K31/59

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/DK2009/000266

Filing Date :22/12/2009

(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

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(71)Name of Applicant :

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Address of Applicant :Industriparken 55 DK-2750 Ballerup
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(72)Name of Inventor :

1)Karsten Petersson

(57) Abstract :

A topical pharmaceutical composition which is an oil-in-water-oil emulsion comprising a vitamin D derivative or analogue dissolved in a mixture of a non-ionic surfactant and a lower alkanol. The topical pharmaceutical composition may be used in the treatment of dermal conditions such as psoriasis.

No. of Pages : 33 No. of Claims : 30

(54) Title of the invention : HOLDER FOR PIPE IN HEAT EXCHANGER METHOD AND DEVICE FOR MANUFACTURING HEAT EXCHANGER USING SAID HOLDER AND AIR CONDITIONER AND/OR OUTDOOR UNIT HAVING SAID HEAT EXCHANGER

(51) International classification :B21D53/08
 (31) Priority Document No :2010-022548
 (32) Priority Date :15/01/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/051374
 Filing Date :14/01/2011
 (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)TOKURA Kenji

(57) Abstract :

The current invention provides a tube-grasping body for grasping an insert tube in a heat exchanger, and heat exchanger production methods and apparatuses utilizing the tube-grasping body, wherein said tube-grasping body enables to enlarge and connect an insert tube to a heat radiating fin for producing a heat exchanger, still keeping the total length of insert tubes at an almost same level even after the enlargement; and said tube-grasping body is connected at its exterior to the guide-pipe. For example, the current invention can be used for producing any of following heat exchangers: a downsized heat exchanger where the gap (pitch) between each of the tube-grasping bodies is minimized, still avoiding contact with neighboring guide-pipes by allocating a tube-grasping body which is connected at its exterior to the guide-pipe, to each of straight tubes or hairpin tubes; and a heat exchanger where the gap between various types of insert tubes with different diameters and/or the gap between insert tubes is significantly reduced, for any of the following example cases: the case where the gap between straight tubes or hairpin tubes inserted into a heat radiating fin is reduced, in a heat exchanger downsized for savings in energy or cost, and/or the case where said gap between tubes being inserted in a zigzag pattern into a heat radiating fin is reduced, and/or the case where said gap is reduced, due to insertion of tubes in multiple columns such as columns of 3, 4, or etc. The current invention is characterized by the tube-grasping body, which is used in a heat exchanger production apparatus 1; which is also connectable at the exterior of a tube-enlarging mandrel 2, for moving back and forth, along said tube-enlarging mandrel 2 which is penetrable from the opening 7b of a tube 7 inserted into a heat radiating fin 6 of a heat exchanger 5; which is also equipped with a plurality of tube-contacting parts 3f, capable of radially expanding or axially compressing in the cross direction of the longitudinal length of said tube 7; which is also equipped with slopes 3b slanting gradually in the widening direction toward the opening 7b of the corresponding tube 7, wherein each of the slopes 3b is formed on the exterior surface of each of said tube-contacting parts 3f; which also radially expands or axially compresses each of said tube-contacting parts 3f, by a sliding means which moves back and forth in the longitudinal direction of the tube, along said slopes 3b of the tube-contacting parts 3f; and which is also characterized by the configuration wherein said tube-contacting parts 3f, capable of radially expanding or axially compressing, are formed and separated by a plurality of slits 3a which are of prescribed widths 3u, and which are formed in the longitudinal direction of the tube-grasping body 3, the same direction of the movement of the tube-enlarging mandrel 2; and the width of each of said slits 3a is gradually increased from said prescribed width 3u to an expanded width 3x, from a prescribed location toward the opening 7b of said tube 7.

No. of Pages : 96 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5844/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : DUAL MODE READER WRITER LOCK

(51) International classification	:G06F9/46
(31) Priority Document No	:12/723,717
(32) Priority Date	:15/03/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2011/052189
Filing Date	:15/02/2011
(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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(72)Name of Inventor :

1)James Bernard Moody

2)Bruce Mealey

(57) Abstract :

A method system and computer usable program product for a dual mode reader writer lock. A contention condition is determined in using an original lock. The original lock manages read and write access to a resource by several processes executing in data processing system. The embodiment creates a set of expanded locks for use in conjunction with the original lock. The original lock and the set of expanded locks forming dual mode reader writer lock which operates to manage the read and write access to the resource. Using an index within the original lock each expanded lock is indexed such that each expanded lock is locatable using the index. The contention condition is resolved by distributing requests for acquiring and releasing the read access and write access to the resource by the several processes across the original lock and the set of expanded locks.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6005/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : AN APPARATUS

(51) International classification :H04R1/22

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/EP2009/067928

Filing Date :24/12/2009

(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)NOKIA CORPORATION

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Finland

(72)Name of Inventor :

1)Benedict Thomas Slotte

(57) Abstract :

An apparatus comprises: a transducer configured to generate sound; and a housing defining a first cavity and a second cavity, the first cavity and the second cavity being connected to the transducer; wherein the first cavity comprises a first sound outlet at a first surface of the housing; and the second cavity comprises a second sound outlet at the first surface of the housing and a third sound outlet at a second surface of the housing wherein the first and second cavities and the first and second sound outlets are configured to limit a sound pressure level of the generated sound at the first and second outlets at one or more frequencies.

No. of Pages : 34 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6006/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHOD AND APPARATUS FOR MIXED STATIC AND DYNAMIC ROUTING

(51) International classification :G01C21/34

(31) Priority Document No :12/635,457

(32) Priority Date :10/12/2009

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

(86) International Application No :PCT/FI2010/050994

Filing Date :03/12/2010

(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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Finland

(72)Name of Inventor :

1)Mirko K –NIG

(57) Abstract :

Techniques for mixed static and dynamic routing include processing a subset of less than all of a plurality of stopover points of an initial route of ordered stopover points. In the subset, all stopover points are marked as dynamic to indicate that their order is allowed to change. It is also determined whether there are at least two stopover points for which order may be changed. If there are at least two stopover points for which order may be changed, then a computed route is determined in which an order in the computed route of the stopover points of the subset substantially minimizes a metric for the entire route compared to any other allowed order of the stopover points of the subset.

No. of Pages : 45 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1690/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :16/07/2009

(43) Publication Date : 22/11/2013

(54) Title of the invention : EXHAUST MUFFLER FOR A MOTORCYCLE

(51) International classification	:F01N13/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)M/S TVS MOTOR COMPANY LIMITED,
(32) Priority Date	:NA	Address of Applicant :NO.29, HADDOWS ROAD,
(33) Name of priority country	:NA	CHENNAI 600 066, TAMIL NADU, Tamil Nadu India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MR.ANANDKUMAR MALUVADU SUNDARAMAN
(87) International Publication No	: NA	2)MR.BOOBALAN MANI
(61) Patent of Addition to Application Number	:NA	3)MR. NITIN KUMAR
Filing Date	:NA	4)MR.VEDHANAYAGAM JAYAJOTHI JOHNSON
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an exhaust muffler for a two-wheeled vehicle having improved service feasibility characteristics and enhanced easiness in manufacturing and assembling process.

No. of Pages : 9 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1924/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : NOVEL POLYMORPH OF ESOMEPRAZOLE SODIUM

(51) International classification

:C07D
401/00

(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)HETERO RESEARCH FOUNDATION

Address of Applicant :HETERO DRUGS LIMITED,
HETERO CORPORATE, 7-2-A2, INDUSTRIAL ESTATES,
SANATH NAGAR, HYDERABAD - 500 018 Andhra Pradesh
India

(72)Name of Inventor :

1)PARTHASARADHI REDDY, BANDI

2)RATHNAKAR REDDY, KURA

3)MURALIDHARA REDDY, DASARI

4)RAJI REDDY, RAPOLU

5)SRINIVASA REDDY, PUCHAKAYALA

6)VAMSI KRISHNA, BANDI

(57) Abstract :

The present invention provides a novel crystalline Form of esomeprazole sodium, process for its preparation and pharmaceutical compositions comprising it.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2002/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :21/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : A COMPOSITION FOR PREPARING RADIATION SHIELDING MATERIALS

(51) International classification	:C08G	(71)Name of Applicant :
(31) Priority Document No	:NA	1)M/S SREE CHITRA TIRUNAL INSTITUTE FOR
(32) Priority Date	:NA	MEDICAL SCIENCES AND TECHNOLOGY,
(33) Name of priority country	:NA	BIOMEDICAL TECHNOLOGY WING,
(86) International Application No	:NA	Address of Applicant :POOJAPPURA,
Filing Date	:NA	THIRUVANANTHAPURAM - 695 012 Tamil Nadu India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)ROY JOSEPH
Filing Date	:NA	2)KIRAN SUKUMARAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a lead free composition for shielding high energy radiation comprising a polymer matrix with inherent radiation shielding capability incorporated with at least one or more radiation attenuating filler(s).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2003/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :21/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : PROCESS FOR PREPARING OPHTHALMIC SUSPENSION OF BRINZOLAMIDE

(51) International classification	:A61K9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AUROBINDO PHARMA LTD
(32) Priority Date	:NA	Address of Applicant :PLOT NO.2, MAITRICIHAR,
(33) Name of priority country	:NA	AMEERPET, HYDERABAD - 500 038 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KADAM CHANDRASHEKAR
(87) International Publication No	: NA	2)KARAJGI JAYANT
(61) Patent of Addition to Application Number	:NA	3)JAIN SACHIN
Filing Date	:NA	4)MHASKE AJAY
(62) Divisional to Application Number	:NA	5)MEENAKSHISUNDERAM SIVAKUMARAN
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process for preparing sterile ophthalmic suspension of carbonic anhydrase inhibitor. More particularly, the present invention relates to a process for preparing sterile ophthalmic suspension of brinzolamide.

No. of Pages : 23 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2004/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :21/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : AN APPARATUS FOR PROVIDING AQUEOUS SOLUTION AND METHOD FOR OPERATING SAID APPARATUS

(51) International classification	:F16K 31/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS SOLUTIONS LIMITED
(32) Priority Date	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(33) Name of priority country	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	2)ROBERT BOSCH GMBH
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)PRADEEP PAUL RAJ
Filing Date	:NA	2)PRASANNA C P
(62) Divisional to Application Number	:NA	3)MOHAN KUMAR E
Filing Date	:NA	

(57) Abstract :

The present invention discloses an apparatus for providing aqueous solution for treatment of exhaust gas in a vehicle and a method for operating the apparatus. The apparatus in accordance with the invention is adapted to operate in a normal dosing mode and a purge mode. A pair of direction control valves is used to switch between two flow paths to enable either normal dosing of the aqueous solution or purging of the aqueous solution back to the tank. A vacuum pump is used to purge the aqueous solution into the tank.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5899/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : THREE OR HIGHER DIMENSIONAL GRAPHICAL USER INTREFACE FOR TV MENU AND DOCUMENT NAVIGATION

(51) International classification	:G06F3/048
(31) Priority Document No	:12/691,609
(32) Priority Date	:21/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/020176
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

(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)BERESTOV Alexander
2)LEE Chuen Chien

(57) Abstract :

A three or more dimensional (3+D) graphical user interface (GUI) uses detected three dimensional (3D) hand movements or other input devices to navigate a displayed two dimensional (2D) three dimensional or 3+D representation of a corresponding menu document or data set. Specific hand motions may be used that correspond to navigational commands including but not limited to: up down left right select exit back new search start close and deselect. The GUI displays two initially perpendicular axes with additional axes sufficiently off angle that their navigation is apparent rather than hidden. The 3+D GUI may be used for navigating large complex data sets such as search results document library storage or simpler data sets such as TV menus music selection photographs videos etc.

No. of Pages : 44 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5946/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : CUTANEOUS COMPOSITION COMPRISING VITAMIN D ANALOGUE AND A MIXTURE OF SOLVENT AND SURFACTANTS

(51) International classification	:A61K47/14	(71) Name of Applicant :
(31) Priority Document No	:PCT/DK2009/000265	1)LEO Pharma A/S
(32) Priority Date	:22/12/2009	Address of Applicant :Industriparken 55 DK-2750 Ballerup
(33) Name of priority country	:Denmark	Denmark.
(86) International Application No	:PCT/DK2010/000182	(72) Name of Inventor :
Filing Date	:22/12/2010	1)Karsten Petersson
(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 pharmaceutical composition comprising a vitamin D derivative or analogue as the active ingredient dissolved in a three-component surfactant-solvent mixture is useful in the treatment of dermal disorders or conditions.

No. of Pages : 32 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5947/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITION COMPRISING SOLVENT MIXTURE AND A VITAMIN D DERIVATIVE OR ANALOGUE

(51) International classification	:A61K9/06	(71)Name of Applicant :
(31) Priority Document No	:PCT/DK2009/000264	1)LEO Pharma A/S
(32) Priority Date	:22/12/2009	Address of Applicant :Industriparken 55 DK-2750 Ballerup
(33) Name of priority country	:Denmark	Denmark.
(86) International Application No	:PCT/DK2010/000184	(72)Name of Inventor :
Filing Date	:22/12/2010	1)Karsten Petersson
(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 substantially anhydrous topical pharmaceutical composition comprising a non-alcoholic three-component solvent mixture and a biologically active vitamin D derivative or analogue dissolved therein as well as a pharmaceutically acceptable carrier may be used in the treatment of dermal conditions.

No. of Pages : 23 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5948/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : CALCIPOTRIOL MONOHYDRATE NANOCRYSTALS

(51) International classification	:A61K9/14
(31) Priority Document No	:PCT/DK2009/000267
(32) Priority Date	:22/12/2009
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/DK2010/000183
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)LEO Pharma A/S

Address of Applicant :Industriparken 55 DK-2750 Ballerup Denmark.

(72)Name of Inventor :

1)Karsten Petersson

(57) Abstract :

Calcipotriol monohydrate nanocrystals prepared by the process disclosed herein may be incorporated in a pharmaceutical composition for use in the prevention or treatment of dermal diseases and conditions.

No. of Pages : 38 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5949/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : MODULAR OPTIMIZED PLUG-IN JAW

(51) International classification	:H01R25/14
(31) Priority Document No	:12/633,537
(32) Priority Date	:08/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/059067
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)SCHNEIDER ELECTRIC USA INC.
Address of Applicant :1415 S. Roselle Road Palatine
Illinois 60067 United States Of America
(72)**Name of Inventor :**
1)BOUFFET Olivier

(57) Abstract :

A modular jaw unit for a busway system includes a spring support member having a central section and four independently moving support ends. The central section has a plurality of bosses and slots for coupling the jaw unit to another jaw unit. The support ends extend from the central section and are independently movable with respect to each other. A pair of wires are positioned within the support member and each of the wires has wire ends located adjacent to a respective support end of the support member.

No. of Pages : 19 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5835/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : HIGH-K METAL GATE STACK

(51) International classification :H01L21/28

(31) Priority Document No :12/792,242

(32) Priority Date :02/06/2010

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

(86) International Application No :PCT/EP2011/058086

Filing Date :18/05/2011

(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)INTERNATIONAL BUSINESS MACHINES

CORPORATION

Address of Applicant :New Orchard Road Armonk New York 10504 U.S.A.

(72)Name of Inventor :

1)DECHAO GUO

2)PHILIP OLDIGES

3)TZE-CHIANG CHEN

4)YANFENG WANG

(57) Abstract :

A gate stack structure for field effect transistor (FET) devices includes a nitrogen rich first dielectric layer formed over a semiconductor substrate surface; a nitrogen deficient, oxygen rich second dielectric layer formed on the nitrogen rich first dielectric layer, the first and second dielectric layers forming, in combination, a bi-layer interfacial layer; a high-k dielectric layer formed over the bi-layer interfacial layer; a metal gate conductor layer formed over the high-k dielectric layer; and a work function adjusting dopant species diffused within the high-k dielectric layer and within the nitrogen deficient, oxygen rich second dielectric layer, and wherein the nitrogen rich first dielectric layer serves to separate the work function adjusting dopant species from the semiconductor substrate surface.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5997/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : A CARGO DUNNAGE APPARATUS □

(51) International classification	:B60P7/06
(31) Priority Document No	:2009906008
(32) Priority Date	:09/12/2009
(33) Name of priority country	:Austria
(86) International Application No	:PCT/AU2010/001654
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

(71)**Name of Applicant :**
1)THE GLUTT COMPANY PTY LTD
Address of Applicant :P.O. Box 1088 Bibra Lake W.A. 6965
Australia
(72)**Name of Inventor :**
1)FOX Neville

(57) Abstract :

A cargo dunnage apparatus (10) for supporting securing and protecting cargo and packaging whilst the cargo is in transit or storage. The cargo dunnage apparatus (10) comprises an elongate support member (12) having a first end (14) and a second end (16). The support member (12) having a load bearing upper portion (20) arrange to receive cargo. Preferably the support member (12) further comprises reinforcement means to increase the cargo carrying capacity of the apparatus (10) and cargo locating means for positioning and secure the cargo in use.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5999/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : AMIDES USE OF AMIDES AS SOLVENTS FOR ORGANIC COMPOUNDS COMPOSITIONS AND EMULSIONS CONTAINING AMIDES AND METHOD FOR TREATING A PLANT □

(51) International classification	:C07C233/03
(31) Priority Document No	:61/290,974
(32) Priority Date	:30/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/070624
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)AKZO NOBEL CHEMICALS INTERNATIONAL B.V.
Address of Applicant :Stationsstraat 77 NL-3811 MH
Amersfoort The NETHERLANDS
(72)**Name of Inventor :**
1)GROENEWEGEN Adrianus Marinus
2)OVERKEMPE Kornelis
3)WESTBYE Peter

(57) Abstract :

The present invention relates in general to the use of amides of the following general formula (I) (I) wherein R1 is a linear or branched hydrocarbyl group containing 9 to 14 carbon atoms; R2 is selected from the group consisting of methyl ethyl and benzyl; and R3 is selected from the group consisting of hydrogen methyl and ethyl as solvents for organic agriculturally active ingredients compositions comprising organic agriculturally active ingredients and such amides methods for treating a plant utilizing such compositions as well as some of the amides as such and methods for their production.

No. of Pages : 19 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5765/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHOD FOR INNOCUOUSLY TREATING CHROMIUM RESIDUE USING METALLURGICAL ROASTING AND BLAST FURNACE □

(51) International classification	:C22B1/16
(31) Priority Document No	:200910253865.8
(32) Priority Date	:01/12/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/001358
Filing Date	:07/09/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CHONGQING RUIFAN RENEWABLE RESOURCES DEVELOPMENT CO. LTD.
Address of Applicant :No. 45-1 Yueguangxiaoqu Dadukou District Chongqing 400084 China
(72)**Name of Inventor :**
1)LI Bingzheng
2)DENG Yong

(57) Abstract :

A method for innocuously treating chromium residue using metallurgical sinter and a blast furnace involves taking chromium residue as raw material coal powder or coke powder as reducer binder as additive to produce pellet cores; in the production line of sinter or pellet the sinter or pellet material is used to make pellet shells and then to form sinters or pellets; during roasting or sintering microenvironments with reducing atmosphere of numerous complex pellet cores are used to detox chromium residue. The method is capable of effectively treating chromium residue in an economical and environmentally friendly manner.

No. of Pages : 39 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1995/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :21/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : PROCESS FOR SORAFENIB TOSYLATE POLYMORPH III

(51) International classification	:C07D 213/00	(71) Name of Applicant : 1)HETERO RESEARCH FOUNDATION
(31) Priority Document No	:NA	Address of Applicant :HETERO DRUGS LIMITED,
(32) Priority Date	:NA	HETERO CORPORATE, 7-2-A2, INDUSTRIAL ESTATES,
(33) Name of priority country	:NA	SANATH NAGAR, HYDERABAD - 500 018 Andhra Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)PARTHASARADHI REDDY, BANDI
(61) Patent of Addition to Application Number	:NA	2)RATHNAKAR REDDY, KURA
Filing Date	:NA	3)MURALIDHARA REDDY, DASARI
(62) Divisional to Application Number	:NA	4)SRINIVASA RAO, THUNGATHURTHY
Filing Date	:NA	5)VAMSI KRISHNA, BANDI

(57) Abstract :

The present invention provides a novel process for the preparation of sorafenib tosylate polymorph III.

No. of Pages : 8 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5889/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : TRAFFIC REDIRECTION ON DATA ROAMING TRAFFIC □

(51) International classification :H04W40/20

(31) Priority Document No :61/299,677

(32) Priority Date :29/01/2010

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

(86) International Application No :PCT/US2011/023222

Filing Date :31/01/2011

(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)ROAMWARE INC.

Address of Applicant :20401 Stevens Creek Blvd. Cupertino
CA 95014 United States Of America

(72)Name of Inventor :

1)JIANG John Yue Jun

(57) Abstract :

The present invention is directed towards a method for directing roaming traffic associated with a subscriber of an HPMN. The method includes detecting a location update message from the subscriber at a non-preferred VPMN. The subscriber has an established data context with the non-preferred VPMN. The method further includes sending one or more location update messages to one or more elements associated with the non-preferred VPMN thus causing the subscriber to associate with a preferred VPMN.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5860/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : HUMIDIFICATION SYSTEM WITH SIGNAL TRANSMISSION OPTIMIZATION

(51) International classification :A61M16/16

(31) Priority Document No :61/295299

(32) Priority Date :15/01/2010

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

(86) International Application No :PCT/IB2010/055919

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)KONINKLIJKE PHILIPS ELECTRONICS N.V.

Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

1)SHELLY Benjamin Irwin

2)MCFADDEN Bryan Richard

3)DIMATTEO Mark William

4)BARCLAY Mark

5)LUCCI Christopher Scott

6)KANE Michael Thomas

(57) Abstract :

A pressure support device configured to provide pressure support therapy includes a humidifier that holds an enhanced amount of liquid without significantly mitigating sensitivity of respiratory event detection. The humidifier includes a chamber configured to hold liquid and a partition that divides the chamber such that the volume of the chamber through which a flow of gas generated by the pressure support device flows is reduced. The reduction in the volume of the chamber through which the flow of gas flows preserves respiratory event detection sensitivity.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5861/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : A STIMULATED EMISSION DEPLETION (STED) MICROSCOPY SYSTEM

(51) International classification :G02B21/00

(31) Priority Document No :61/295369

(32) Priority Date :15/01/2010

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

(86) International Application No :PCT/IB2011/050154

Filing Date :13/01/2011

(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.

Address of Applicant :GROENEWOUDSEWEG 1

EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

1)HENDRIKS Bernardus Hendrikus Wilhelmus

2)T HOOFT Gert

3)HORIIX Jeroen Jan Lambertus

(57) Abstract :

The invention discloses an optical microscopy system (10) for stimulated emission depletion (STED) of an object (O). An optical element (6) is applied for focusing a first excitation (1) and a second depletion (2) beam on the object thereby defining a common optical path (OP) for both the first and the second beam. A phase modifying member (5) is inserted in the common optical path (OP), and the phase modifying member is optically arranged for leaving the wavefront of the first beam substantially unchanged, and for changing the wavefront of the second beam (2TM) so as to create an undepleted region of interest (ROI) in the object. The first beam and the second beam have a common optical path because the phase modifying member adapts the wavefront or phase in such a way that it has no effect on the first beam, while on the second beam it gives rise to a wavefront, or phase change, resulting in a depleted region in the object (e.g. to the donut shaped spot) at the focal plane. The invention facilitates smaller and/or improved optical designs for STED microscopy; this is particularly relevant for medical in-vivo imaging, e.g. endoscopes and catheters.

No. of Pages : 35 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5862/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHOD AND SYSTEM FOR 2D DETECTION OF LOCALIZED LIGHT CONTRIBUTIONS

(51) International classification :G06K9/00
(31) Priority Document No :10150849.7
(32) Priority Date :15/01/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2011/050116
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 :**
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(72)**Name of Inventor :**
1)VLUTTERS Ruud
2)DE BRUIJN Frederik Jan
3)FERI Lorenzo
4)SCHENK Tim Corneel Wilhelmus
5)MUIJS Remco Theodorus Johannes

(57) Abstract :

The invention relates to a detection system for determining whether a light contribution of a light source is present at a selected position within a 2D scene. The light contribution includes an embedded code comprising a repeating sequence of N symbols. The detection system includes a camera and a processing unit. The camera is configured to acquire a series of images of the scene via specific open/closure patterns of the shutter. Each image includes a plurality of pixels, each pixel representing an intensity of the light output of the light source at a different physical position within the scene. The processing unit is configured to process the acquired series of images to determine whether the light contribution of the first light source is present at the selected physical position within the scene by e.g. correlating a sequence of pixels of the acquired series corresponding to the selected physical position with the first sequence of N symbols.

No. of Pages : 58 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1949/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :16/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : SYSTEM AND METHOD FOR MONITORING PATIENTS

(51) International classification	:A61B5/00	(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)SHANBHAG, LOKESH
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system for monitoring multiple patients is disclosed. The system includes one or more processors for receiving multiple health parameters associated with each patient and parameter values associated with the health parameters. The processors classify each patient in a clinical category of multiple clinical categories based on the health parameters. Each clinical category indicates a criticality level associated with a health condition of a patient. The processors also present health profiles of the patients based on a clinical category associated with each patient in a user interface for monitoring each patient. The health profiles indicate the parameter values associated with the health parameters.

No. of Pages : 31 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2026/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :22/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : GEAR SHIFT MECHANISM FOR A MOTORCYCLE

(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)TVS MOTOR COMPANY LIMITED

Address of Applicant :JAYALAKSHMI ESTATES, NO.29
(OLD NO.8) HADDOWS ROAD, CHENNAI - 600 006 Tamil
Nadu India

(72)Name of Inventor :

1)ARUMUGHAM SIVAKUMAR

2)KHADILKAR PRASAD SHRIKANT

(57) Abstract :

The present invention relates to a gearshift mechanism for a motorcycle. The mechanism as per the present invention prevents unwanted occurrences while gear shifting such as gear slippage and half gear shifting. The present invention includes a ratchet mechanism 207, a guide plate, an index star 206 having internal teeth 206a, an arm drive 203 and an arm driven 204.

No. of Pages : 26 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2027/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :22/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : FUEL TANK FOR A MOTORCYCLE

(51) International classification	:B62J	(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)NITHIN KUMAR PADAVU
(61) Patent of Addition to Application Number	:NA	2)RAJAMANI RAVISANKAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Present invention provides a fuel tank for a motorcycle with more stable mounting mechanism especially on its front side. Said fuel tank has an upper cover and a bottom cover integrated to each other. The bottom cover is fixed with a frame structure through rear, centre and front mounting mechanisms. As said before this invention improves front mounting mechanism such that it multiple cushion cavities on front bottom part of the fuel tank securing cushioning elements integrated with the frame. The frame with said cushioning element is fixed with the cushion cavity and supports front part of the fuel tank. Said cushioning cavity is characterized by its C shaped inwardly dented structure in the bottom of the fuel tank.

No. of Pages : 11 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2354/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :29/09/2009

(43) Publication Date : 22/11/2013

(54) Title of the invention : UTILITY BOX FOR A MOTORCYCLE

(51) International classification	:B62J11/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant : JAYALAKSHMI ESTATES ,
(33) Name of priority country	:NA	NO.29(OLD NO.8) HADDOWS ROAD, CHENNAI - 600 006.
(86) International Application No	:NA	Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)KURMAM SHANMUKHA PRADEEP
(61) Patent of Addition to Application Number	:NA	2)DORAISAMY SHANMUGASUNDARAM
Filing Date	:NA	3)SRINIVASAN KARTHIKEYAN
(62) Divisional to Application Number	:NA	4)RAMESH THANGAVEL
Filing Date	:NA	5)MOHAMMED BASHA SHAIK

(57) Abstract :

An utility box for motorcycle, more particularly for a scooter type vehicle, extending longitudinally of a vehicle body is disposed above a rear wheel and a seat is disposed on said utility box, the utility box comprising a box body of hollow rectangular construction, wherein the said box body height gradually decreases from the rear end to the rider s seat front end when viewed from left, a square recess formed at bottom side of the said box body s front end to accommodate the battery, at least two supporting ribs provided in the square recess portion to strengthen the said box body and a cell phone charger mounting provided on the said box body on the rear side right corner.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1314/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :03/06/2009

(43) Publication Date : 22/11/2013

(54) Title of the invention : REAR COMBINATION ASSEMBLY STRUCTURE

(51) International classification	:B62J6/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)M/S TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :NO.29, HADDOWS ROAD,
(33) Name of priority country	:NA	CHENNAI 600 006 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. RAVISANKAR RAJAMANI
(87) International Publication No	: NA	2)MR. GUNALAN THANIKACHALAM
(61) Patent of Addition to Application Number	:NA	3)MR. ARUL DASS PAUL CHRISTU DASS
Filing Date	:NA	4)MR. DORAISAMY SHANMUGASUNDARAM
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention to provide a rear combination assembly structure, which is very easy to mount and also improve the fitment of the style parts which is in and around the vicinity of the rear combination lamp thereby improving the fit and finish of the assembly. The said assembly structure assembly structure comprises of the following: - a. Tail covers left and right; b. Tail cover centre; c. Mounting bracket with mounting holes; and d. Rear combination lamp.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5759/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : SWALLOWABLE DRUG DELIVERY DEVICE AND METHODS OF DRUG DELIVERY

(51) International classification :A61M31/00

(31) Priority Document No :61/284,766

(32) Priority Date :24/12/2009

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

(86) International Application No :PCT/US2010/062070

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)INCUBE LABS LLC

Address of Applicant :2051 Ringwood Avenue San Jose CA
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(72)Name of Inventor :

1)IMRAN Mir

(57) Abstract :

Embodiments of the invention provide swallowable devices preparations and methods for delivering drugs and other therapeutic agents within the GI tract. Some embodiments provide a swallowable device such as a capsule for delivering drugs into the intestinal wall or other GI lumen. The device comprises a capsule sized to be swallowed and pass through the intestinal tract. The capsule can include at least one guide tube one or more tissue penetrating members positioned in the guidetube a delivery member an actuating mechanism and a release element. The release element degrades upon exposure to various conditions in the intestine so as to release and actuate the actuating mechanism. Embodiments of the invention are particularly useful for the delivery of drugs which are poorly absorbed tolerated and/or degraded within the GI tract.

No. of Pages : 125 No. of Claims : 110

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1774/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :07/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : INFORMATION RECORDING APPARATUS AND CONTROLLING METHOD THEREOF

(51) International classification	:G11B
(31) Priority Document No	:2011-105646
(32) Priority Date	:10/05/2011
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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Address of Applicant :30-2, SHIMOMARUKO 3-CHOME,
OHTA-KU, TOKYO Japan
(72)**Name of Inventor :**
1)IWASHITA, KOJI

(57) Abstract :

The invention relates to an information recording apparatus capable of relay recording, during which a sequence of data is continuously recorded across a plurality of recording media, as well as to a controlling method thereof. If the relay recording mode is set, it is determined whether any medium having a wireless communication function is present among the recordable recording media. If a recording medium having a wireless communication function is present, data transfer utilizing the wireless communication function is inactivated. This enables relay recording that accounts for cases in which memory cards provided with a wireless communication function are included among the recording media.

No. of Pages : 69 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1775/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :07/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : LIQUID-SAMPLE COLLECTING SYSTEM AND LIQUID-SAMPLE COLLECTING METHOD

(51) International classification	:G01N1/00	(71)Name of Applicant :
(31) Priority Document No	:2011-104679	1)SHIMADZU CORPORATION
(32) Priority Date	:09/05/2011	Address of Applicant :1, NISHINOKYO-KUWABARA-CHO,
(33) Name of priority country	:Japan	NAKAGYO-KU, KYOTO-SHI, KYOTO, 6048511 Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MAEDA, YOSHIKI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is a liquid-sample collecting system and liquid-sample collecting method that decreases the amount of carryover in the process of collecting a liquid sample while maintaining the efficiency of collecting the liquid sample. A liquid-sample collecting system 1 according to the present invention includes: a sampling needle 2 to be inserted into a sample container 3, for collecting a liquid sample 4 contained in the sample container 3; a driver 5 for moving the sampling needle 2; an input unit 20 for allowing a user enter to information for setting the ascent speed of the sampling needle 2; an ascent-speed determiner 12 for setting the ascent speed based on the entered information; and a controller 11 for controlling the driver 5 so as to move the sampling needle 2 downward at a predetermined descent speed in a descent phase and upward at the aforementioned ascent speed in an ascent phase.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1932/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : NAVIGATION DEVICE - POI INPUT

(51) International classification	:G01C 21/00	(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
(31) Priority Document No	:NA	(72)Name of Inventor : 1)RAGHAVENDRA JAYARAMA CHANDRASEKAR REDDY
(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 :

The invention discloses a navigation device and a method to operate the same. The invention proposes a new feature to input POI details in to the navigation device (10). The navigation device according to the invention comprises a first input means (12), an output means (14), a navigation data set (24), an user interface (18) a second input means (13), a text database (26), an image database (28) and a determining means (19). The second input means (13 may be a camera or a scanner. The user when wants to know the POIs selling a particular product or a POI for a particular place, can hold the product itself which he wants to buy or alternatively hold a paper containing details of a product or a place in front of the second input means (13). The second input means (13) captures the image and passes the POI details to determining means (19). The determining means searches in the text and/or image databases for POI details. The determining means associates the attributes from the text and/or image databases to one of the POI categories and retrieves most appropriate POIs. The appropriate POIs are displayed for the user for selection.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1985/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :18/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : A SYSTEM TO DETECT TENSION LOOSENING IN CONVEYOR BELTS

(51) International classification	:B65G 43/00	(71)Name of Applicant : 1)SCHNEIDER ELECTRIC INDUSTRIES SAS Address of Applicant :35, RUE JOSEPH MONIER, 92500 RUEIL MALMAISON France
(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)RITESH AGARWAL
Filing Date	:NA	2)SHAIKH BADIUJZAMA
(87) 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 system to detect tension loosening in a conveyor belt (10) comprising a first sensing device and/or a second sensing device, each of said sensing devices is configured to generate a belt loosening signal and thereby initiate a predetermined warning sequence and/or stop command for stopping the conveyor belt, independent of one another, whenever the tautness of the conveyor belt (10) falls below a preset value. Preferably, the first sensing device is a V-Lever type limit switch (41); and said second sensing device is a roller limit switch (50) adapted to remain in contact with the return surface of said conveyor belt (10).

No. of Pages : 15 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5910/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : CHEESE AND METHOD FOR PRODUCING SAME

(51) International classification :A23C19/09
(31) Priority Document No :2010-006513
(32) Priority Date :15/01/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/050545
Filing Date :14/01/2011
(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)AIZAWA Shigeru
2)NISHIO Tomoko
3)SHIMIZU Nobuyuki
4)ASANO Shinnosuke
5)MATSUO Mitsuro

(57) Abstract :

Provided is a cheese which can be easily crushed in the mouth and yet shows a less sticky texture in the mouth prepared by crushing a hard-type natural cheese that is hard to eat (for example extra-hard cheese hard cheese semi-hard cheese etc.) with a meat chopper or the like and then pressurizing and reshaping the crushed cheese so as to give a flexibility of 7.5 mm or less and an adhesiveness of 4.0×10^{-3} Nm or less. Also provided is a method for producing the cheese. Thus novel reshaped cheese products which are characterized by having remarkably improved meltability and texture in the mouth while sustaining the matured taste characteristic to the existing hard-type and semi-hard type natural cheese can be provided to the market.

No. of Pages : 31 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5914/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : CHEESE-CONTAINING FOOD AND METHOD FOR PRODUCING SAME

(51) International classification :A23C19/09
(31) Priority Document No :2010-004761
(32) Priority Date :13/01/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/050427
Filing Date :13/01/2011
(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)Meiji Co. Ltd.

Address of Applicant :2-10 Shinsuna 1-chome Koto-ku
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(72)Name of Inventor :

1)NISHIO Tomoko

2)SHIMIZU Nobuyuki

(57) Abstract :

Provided are a production method whereby a cheese-containing food allowing consumers to easily enjoy the texture of natural cheese and so on can be produced and the cheese-containing food produced by said method. The production method comprises crushing a cheese mixing the same with a powdery soup stock and ingredients (food materials to be used as ingredients in soup) and pressurizing and reshaping the resulting mixture. A soup which allows consumers to enjoy the texture and stringiness of natural cheese can be prepared by putting the cheese-containing food obtained by the aforesaid production method in a cup etc. pouring an appropriate amount of hot water and thus dissolving the food. Thus an instant soup product which allows consumers to easily enjoy the texture of natural cheese and so on can be obtained and the scope of cheese intake at home can be broadened.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5840/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : A METHOD FOR SENSING A CHEMICAL

(51) International classification :G01N25/20

(31) Priority Document No :61/292,003

(32) Priority Date :04/01/2010

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

(86) International Application No :PCT/GB2011/050002

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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Sittingbourne Kent ME9 8GU U.K.

(72)Name of Inventor :

1)CARTER Timothy Joseph Nicholas

2)ROSS Steven Andrew

(57) Abstract :

This invention relates to a method for detecting an analyte in a sample. The method comprises the steps of exposing the sample to a transducer having a pyroelectric or piezoelectric element and electrodes which is capable of transducing a change in energy to an electrical signal, the transducer having at least one reagent proximal thereto, the reagent having a binding site which is capable of binding the analyte or a complex or derivative of the analyte, wherein at least one of the analyte or the complex or derivative of the analyte has a label attached thereto which is capable of absorbing the electromagnetic radiation generated by the radiation source to generate energy by non-radiative decay; irradiating the reagent with a series of pulses of electromagnetic radiation, transducing the energy generated into an electrical signal, detecting the electrical signal and the time delay between each pulse of electromagnetic radiation from the radiation source and the generation of the electric signal. The time delay between each of the pulses of electromagnetic radiation and the generation of the electric signal corresponds to the position of the analyte at any of one or more positions at different distances from the surface of the transducer. The label is a nanoparticle comprising polypyrrole or a derivative thereof. The invention also provides a kit suitable for performing this method.

No. of Pages : 22 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6000/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : TRAFFIC OFFLOAD METHOD TRAFFIC OFFLOAD FUNCTION ENTITY AND TRAFFIC OFFLOAD SYSTEM

(51) International classification	:H04W76/02
(31) Priority Document No	:200910266521.0
(32) Priority Date	:31/12/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/077435
Filing Date	:29/09/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Huawei Technologies Co. Ltd.

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Bantian Longgang District Shenzhen Guangdong 518129
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(72)Name of Inventor :

1)JIN Weisheng

2)XU Xiaoying

3)XU Min

4)WANG Haining

(57) Abstract :

Embodiments of the present invention provide a traffic offload method, a traffic offload function entity, and a traffic offload system. The method includes: receiving, by a first traffic offload function entity, user information of a user equipment sent by a core network device or a second traffic offload function entity, where when the user information is sent by the second traffic offload function entity, the first traffic offload function entity is a traffic offload function entity after a handover and the second traffic offload function entity is a traffic offload function entity before the handover; obtaining, a traffic offload policy and matching the traffic offload policy with the user information; and offloading traffic corresponding to the user equipment according to the user information that successfully matches the traffic offload policy. The traffic offload function entity may obtain the user information and may perform traffic offload according to the user information.

No. of Pages : 43 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6001/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : CALIBRATING PIXEL ELEMENTS

(51) International classification	:H04N9/73
(31) Priority Document No	:12/220,443
(32) Priority Date	:23/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/004245
Filing Date	:21/07/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:494/CHENP/2011
Filed on	:21/07/2009

(71)Name of Applicant :

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92121 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)CHUI Clarence

(57) Abstract :

A composite display is disclosed. In some embodiments a composite display includes a paddle configured to sweep out an area a plurality of pixel elements mounted on the paddle and one or more optical sensors mounted on the paddle and configured to measure luminance values of the plurality of pixel elements. Selectively activating one or more of the plurality of pixel elements while the paddle sweeps the area causes at least a portion of an image to be rendered.

No. of Pages : 67 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5961/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : A METHOD OF IN SITU CALIBRATING LOAD SENSORS OF A WIND TURBINE BLADE

(51) International classification :F03D1/06
(31) Priority Document No :10000974.5
(32) Priority Date :01/02/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/000422
Filing Date :31/01/2011
(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)LM GLASFIBER A/S
Address of Applicant :Jupitervej 6 DK-6000 Kolding
Denmark.
(72)**Name of Inventor :**
1)SLOT Mark Olaf

(57) Abstract :

A method of in situ calibrating load sensors of a horizontal axis wind turbine comprising steps of a) determining a rotor azimuth angle of a first wind turbine blade; b) determining a pitch angle of the first wind turbine blade c) measuring loads in a first cross-section of the first wind turbine blade using a first load sensors d) calculating theoretical loads based on at least the rotor azimuth angle and the pitch angle of the blade determined in steps a) and b) e) comparing the loads measured in step c) with the theoretical loads calculated in step d) and f) calibrating the first load sensors based on the comparison of step e) wherein the calibration are based only on measurements carried out when the generator is cut out.

No. of Pages : 62 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5962/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : APPARATUS AND METHOD FOR ASSIGNING MULTICARRIER IN WIRELESS ACCESS SYSTEM □

(51) International classification	:H04W72/04
(31) Priority Document No	:61/309,398
(32) Priority Date	:01/03/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/KR2010/009524
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

(71)**Name of Applicant :**
1)LG ELECTRONICS INC.
Address of Applicant :20 Yeouido-dong Yeongdeungpo-gu
Seoul Republic of Korea
(72)**Name of Inventor :**
1)JEONGKI KIM
2)YOUNGSOO YUK

(57) Abstract :

Disclosed is a method for operating a terminal for assigning multicarrier in a wireless access system the method including receiving a multicarrier advertisement message from a base station the multicarrier advertisement message including multicarrier configuration information supported by the base station determining simultaneously available carriers based upon the multicarrier configuration information sending a first message to the base station the first message including information indicating whether or not all the carriers supported by the base station are simultaneously available and receiving a second message from the base station the second message including information indicating whether or not all the carriers requested by the terminal via the first message are assigned.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1383/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :05/04/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : A TRANSDERMAL PATCH FOR TREATMENT OF DEMENTIA OR ALZHEIMER TYPE DEMENTIA

(51) International classification	:A61K9/00, A61K31/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SPARSHA PHARMA INTERNATIONAL PVT. LTD
(32) Priority Date	:NA	Address of Applicant :#44 Jalavayu Vihar Kukatpally
(33) Name of priority country	:NA	Hyderabad-500072 A. P. India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Noriyuki Kuzumaki
(87) International Publication No	: NA	2)Devabhaktuni Bhavana
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a transdermal patch for treatment of degenerative neurological disorderslike dementia or Alzheimer type dementia. More particularly the transdermal patch for treatment of neurodegenerative disordercomprises anadhesive monolayer which comprises Rivastigmine in free base form or its pharmaceutically acceptable salts styrene block copolymer a tackifier and an anti-oxidant and whereintotal styrene unitsarein an amount of 4% w/w or more of said adhesive monolayer.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/04/2012

(21) Application No.1528/CHE/2012 A

(43) Publication Date : 22/11/2013

(54) Title of the invention : SYSTEM AND METHOD FOR PREVENTING COUNTERFEITING

(51) International classification

:G06Q

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)CHAITANYA, AKASAM, SURYA

Address of Applicant :4-308/A, BESIDE FAITH CHURCH,
VISSAKODERU, PALAKODERU MANDAL Andhra Pradesh
India

(72)Name of Inventor :

1)CHAITANYA, AKASAM, SURYA

(57) Abstract :

The present disclosure provides a system and method for verifying authenticity of one or more products from different companies using a single barcode scanning application. The one or more products can be verified by any of the retailers, customers, distributors, or the stakeholders, wherein the proposed system comprises of one or more databases (interchangeably also referred to as repositories or servers, hereinafter) for storing unique identification code (UID) of each product, a FACT server operatively coupled to the databases, and a barcode scanning application (interchangeably referred to as FACT application, hereinafter) installed on multiple mobile phones and/or appropriate computing devices having barcode readers, wherein the FACT application operatively communicates with the FACT server and is configured to read encrypted UID and product information present on the label of each product.

No. of Pages : 17 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1752/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :07/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHOD AND SYSTEM FOR MANAGING A LOW-RESOURCE SUPPLY CHAIN

(51) International classification	:G06Q30/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LOGISTIMO INDIA PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :143B SOBHA MALACHITE PHASE 3
(33) Name of priority country	:NA	JAKKUR PLANTATIONS BANGALROE - 560 064 Karnataka
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ANUP AKKIHAI
(61) Patent of Addition to Application Number	:NA	2)ARUN RAMANUJAPURAM
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and system for managing a low-resource supply chain. The method includes receiving data over unreliable mobile networks from a retailer, identifying a pattern of goods consumption based on at least one of the data and multiple historical transactions associated with the retailer, calculating an expected demand of goods, providing personalized recommendations, to the retailer, based on the expected demand of goods, enabling the retailer to place one or more orders based on the plurality of personalized recommendations and processing the one or more orders, of the retailer, by using services provided by one or more vendors. The system includes an electronic device that enables a retailer to place one or more orders, a communication interface in electronic communication with the electronic device, a memory that stores instructions, and a processor including a transaction management module, a data management module, a personalized recommendation module and an incentive management module.

No. of Pages : 55 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5875/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHOD FOR DETERMINING THE STRESS FREE TEMPERATURE OF THE RAIL AND/OR THE TRACK RESISTANCE

(51) International classification	:E01B35/06
(31) Priority Document No	:0901526-4
(32) Priority Date	:07/12/2009
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2010/000284
Filing Date	:03/12/2010
(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)EBER DYNAMICS AB

Address of Applicant :Kaserng rden 4 S-791 40 Falun Sweden.

(72)Name of Inventor :

1)Eric BERGGREN

(57) Abstract :

The present invention relates to a method and device for determining at least a first parameter of a track: the method comprises providing first track geometry quality data (110 120) associated to at least one point along a rail at a first temperature providing second track geometry quality data (130 140) associated to said at least one point at a second temperature describing (160) a difference between the first and second track geometry quality data by means of a model relating the first and second track geometry quality data with associated temperatures to stress free temperature and/or track resistance and estimating (170) the stress free temperature and/or track resistance in said at least one point based on the model.

No. of Pages : 24 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5876/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHOD OF PRODUCING ACRYLIC AND METHACRYLIC ACID □

(51) International classification	:C07C51/38
(31) Priority Document No	:0922255.5
(32) Priority Date	:21/12/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/052176
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)LUCITE INTERNATIONAL UK LIMITED

Address of Applicant :Cumberland House 15-17 Cumberland Place Southampton Hampshire SO15 2BG United Kingdom

(72)Name of Inventor :

1)JOHNSON David William

2)EASTHAM Graham Ronald

3)POLIAKOFF Martyn

4)HUDDLE Thomas Andrew

(57) Abstract :

A method of producing a compound of formula (i): formula (i) wherein R = H or CH₃ the method comprising exposing a source of a compound of formula (ii) to reaction conditions of temperature and pressure: formula (ii) wherein R is defined as above wherein when R = CH₃ the source of a compound of formula (ii) is exposed to reaction conditions of temperature and pressure while being in a liquid phase.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5952/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : TRADITIONAL CHINESE DRUG COMPRISING DANSHEN EXTRACTS AND SANQI EXTRACTS AND USE THEREOF

(51) International classification :A61K31/192
(31) Priority Document No :200910244837.X
(32) Priority Date :17/12/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/079928
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)TASLY PHARMACEUTICAL GROUP CO. LTD.
Address of Applicant :Tasly Modern TCM Garden Pu Jihe
East Road No.2 Beichen District Tianjin 300410 China
(72)**Name of Inventor :**
1)HAN Jingyan
2)GUO Jun
3)YANG Jiying
4)ZHANG Yu
5)WANG Mingxia
6)LIU Yuying

(57) Abstract :

The present invention discloses a traditional Chinese drug consisting of Danshen extract and Sanqi extract the pharmaceutical composition comprising the above traditional Chinese drug as an active component and the use thereof. The traditional Chinese drug consists of Danshen extract and Sanqi extract in a weight ratio of (2 6): (0.5 2). The invention further discloses the effect of the above traditional Chinese drug and the pharmaceutical composition comprising the above traditional Chinese drug as an active component for treating cardiac microcirculation disorder and myocardial damage induced by ischemia/reperfusion.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5953/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHOD AND DEVICE FOR NOTIFYING ACCOUNT INFORMATION ORIENTED TO DATA-TYPE TERMINAL □

(51) International classification :H04L12/14

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/CN2010/070092

Filing Date :08/01/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)ALCATEL LUCENT

Address of Applicant :54 Rue La Bo tie F-75008 Paris
France

(72)Name of Inventor :

1)XIANGYANG LI

2)YONGPEI HU

(57) Abstract :

The invention discloses a method of and apparatus for notifying account information of a data-type-oriented user equipment. The method comprises the, steps of: determining whether each user satisfies a predetermined condition; and if the predetermined condition is satisfied, then causing a packet data network gateway to activate account information notification control information for the user, wherein the account information notification control information includes a network address of a web notification server. With the invention, the terminal user can get to know his own account information more timely to thereby adjust the usage mode of the wireless, broadband data service according to the account information, for example, lower the frequency of accessing the service or disable the service for a duration to thereby avoid a large bill or perform prepayment charging to thereby prevent an important connection from breaking down due to an overdue account. An operator and a service provider can improve the user experience of the wireless broadband data service to thereby reduce the the complaint of the user and avoid the loss of customers in the field of wireless broadband data services. In the inventive method, good compatibility with other types of user equipments is possible while offering the new function.

No. of Pages : 45 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5805/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHOD AND APPARATUS FOR PROVIDING REMOTE USER INTERFACE LIST

(51) International classification :H04L12/12
(31) Priority Document No :10-2009-0120191
(32) Priority Date :04/12/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/008632
Filing Date :03/12/2010
(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)SAMSUNG ELECTRONICS CO. LTD.
Address of Applicant :416 Maetan-dong Yeongtong-gu
Suwon-si Gyeonggi-do 442-742 Republic of Korea
(72)**Name of Inventor :**
1)Ho-Yeon PARK
2)Bo-Sun JUNG
3)Jun-Hyung KIM
4)Ji-Eun KEUM

(57) Abstract :

A method for providing a User Interface (UI) list in a network by letting a specific terminal which has an application communicating with a remote server receive a request for the UI list from an arbitrary terminal; and providing at least one of a UI list provided from the remote server and a UI list included in the specific terminal using the application. The specific terminal may combine the UI list provided from the remote server and the UI list included in the specific terminal to thereby provide the arbitrary terminal with a combined list and the arbitrary terminal may select the desired remote UI through the provided UI list.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5806/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : FLEXIBLE FONT

(51) International classification	:H04W4/12
(31) Priority Document No	:2009905882
(32) Priority Date	:04/12/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/001580
Filing Date	:24/11/2010
(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)Dian BLADES

Address of Applicant :50 Flinders Road Woolooware NSW
2230 Australia

(72)Name of Inventor :

1)Dian BLADES

(57) Abstract :

A method of forming a personalised message on a mobile device having a display screen for display as an image on a destination mobile device having a display screen and output means to render an image the message including font features comprising at least one of: a) a plurality of font designs; b) a plurality of font colours; and c) a plurality of font sizes the message further comprising a background screen colour and underlining as an optional graphical feature.

No. of Pages : 30 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5807/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : URINAL WHERE IMAGING DEVICE IS INSTALLED

(51) International classification :E03D13/00
(31) Priority Document No :10-2009-0120107
(32) Priority Date :04/12/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/008358
Filing Date :24/11/2010
(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 :#207 Industry-Academic Cooperation
Foundation Dongkang College University 771 Duam-dong
Buk-gu Gwangju 500-100 Republic of Korea
(72)**Name of Inventor :**
1)KOO Young Man

(57) Abstract :

Disclosed is a urinal having an imaging device while not supplying washing water thereto. The urinal includes a main body having its front surface opened and a urine drainage hole provided at its lower portion, a recognition portion that senses a human body approaching the main body or a user TMs manipulation, and an imaging portion that displays a water flowing pattern image or a nature image inside or outside the main body when a human body approach signal or a manipulation signal is received from the recognition portion. According to the urinal having an imaging device, since an imaging portion is provided inside or outside the urinal, to which washing water is not supplied, an optical illusion may be cause to a user being accustomed to using a flushing type urinal so that the user is likely to believe that the urine is washed away even if urine washing water is not actually supplied to the urinal. Alternatively, while urinating, the user TMs feel of being refreshed can be maximized after urination by offering a carefree urination effect to the user so that the user may feel as if he were urinating in Mother nature.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5963/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHOD FOR PURIFYING COMPOUNDS COMPRISING AMINO GROUPS □

(51) International classification :C07C209/84

(31) Priority Document No :09179624.3

(32) Priority Date :17/12/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/069523

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

Address of Applicant :67056 Ludwigshafen Germany

(72)Name of Inventor :

1)V –LKERT Martin

2)ERNST Burkhard

3)SIEGEL Wolfgang

(57) Abstract :

Method for purifying compounds (I) containing amino groups from a polar phase A where (I) is converted by reaction with an aldehyde or ketone (II) into the corresponding imine (III) which is insoluble or sparingly soluble in the polar phase A and then the imine (III) is converted to a nonpolar phase B and separated off from phase A and then the compound containing amino groups is recovered from the imine (III).

No. of Pages : 15 No. of Claims : 7

(54) Title of the invention : METHOD FOR OPERATING BLAST FURNACE

(51) International classification :C21B5/00,C21B7/00
 (31) Priority Document No :2011-007952
 (32) Priority Date :18/01/2011
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/066781
 Filing Date :15/07/2011
 (87) International Publication No :WO 2012/098715
 (61) 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)Daiki FUJIWARA**2)Akinori MURAO****3)Shiro WATAKABE****4)Yasuyuki MORIKAMA**

(57) Abstract :

Provided is a method for operating a blast furnace with which it is possible to further increase the combustion temperature and reduce the amount of reducing material required per basic unit. A solid reducing material and a flammable reducing material are mixed and blown in from a single tube that constitutes a lance (4). For example, a solid reducing material and a flammable reducing material are mixed, and the reducing-material mixture is blown in from a single-tube lance (4). Alternatively, the lance is structured as a double-tube lance (4), a reducing-material mixture obtained by mixing a solid reducing material and a flammable reducing material is blown in from the inner tube of the double-tube lance (4), and a combustion-supporting gas is blown in from the outer tube of the double-tube lance. Alternatively, the lance is structured as a double-tube lance (4), a combustion-supporting gas is blown in from the inner tube of the double-tube lance (4), and a reducing-material mixture obtained by mixing a solid reducing material and a flammable reducing material is blown in from the outer tube of the double-tube lance. Pulverized coal is mainly used as the solid reducing material. City gas, revolving-furnace gas, blast-furnace gas, coke-oven gas, or hydrogen is used as the flammable reducing material. O₂ is used as the combustion-supporting gas.

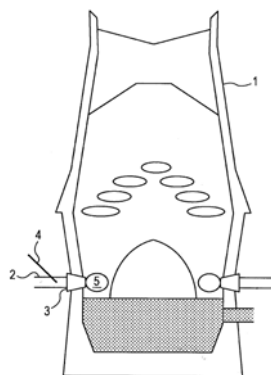
ITEM	LANCE STRUCTURE	PROXIMATE AND BLowing DIRECTION	EVALUATION			
			TEMPERATURE INCREASE	REDUCING MATERIAL	COMBUSTION SUPPORTING GAS	FLAMMABLE REDUCING GAS
1			1	1	1	1
2			4	4	4	4
3			4	4	4	4
4			4	4	4	4
5			4	4	4	4
6			4	4	4	4
7			4	4	4	4
8			4	4	4	4
9			4	4	4	4
10			4	4	4	4
11			4	4	4	4
12			4	4	4	4
13			4	4	4	4
14			4	4	4	4
15			4	4	4	4
16			4	4	4	4
17			4	4	4	4
18			4	4	4	4
19			4	4	4	4
20			4	4	4	4
21			4	4	4	4
22			4	4	4	4
23			4	4	4	4
24			4	4	4	4
25			4	4	4	4
26			4	4	4	4
27			4	4	4	4
28			4	4	4	4
29			4	4	4	4
30			4	4	4	4
31			4	4	4	4
32			4	4	4	4
33			4	4	4	4
34			4	4	4	4
35			4	4	4	4
36			4	4	4	4
37			4	4	4	4
38			4	4	4	4
39			4	4	4	4
40			4	4	4	4
41			4	4	4	4
42			4	4	4	4
43			4	4	4	4
44			4	4	4	4
45			4	4	4	4
46			4	4	4	4
47			4	4	4	4
48			4	4	4	4
49			4	4	4	4
50			4	4	4	4

(54) Title of the invention : METHOD FOR OPERATING BLAST FURNACE

(51) International classification	:C21B5/00,C21B7/00	(71)Name of Applicant :
(31) Priority Document No	:2011-007953	1)JFE STEEL CORPORATION
(32) Priority Date	:18/01/2011	Address of Applicant :2-3, Uchisaiwai-cho 2-chome, Chiyoda-
(33) Name of priority country	:Japan	ku, Tokyo 100-0011, JAPAN
(86) International Application No	:PCT/JP2011/066771	(72)Name of Inventor :
Filing Date	:15/07/2011	1)FUJIWARA, Daiki
(87) International Publication No	:WO 2012/098713	2)MURAO, Akinori
(61) Patent of Addition to Application	:NA	3)WATAKABE, Shiro
Number	:NA	4)KITAHARA, Masayuki
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is a method for operating a blast furnace with which it is possible to further increase the combustion temperature and reduce the amount of reducing material required per basic unit. A lance (4) for blowing in reducing materials from a tuyere (3) is provided with a double tube structure. A solid reducing material such as pulverized coal (6) and a flammable reducing material such as city gas (9) are blown in from the double-tube lance (4), and the oxygen excess ratio of the blast of air blown to the tuyere (3) is set between 0.7 and 1.3. In this way, the city gas (9) that comes into contact with the O₂ in the blast of air burns first, and thus, the temperature of the pulverized coal (6) rises significantly. Thus, the heating rate of the pulverized coal (6) is increased and the pulverized coal (6) is burned sufficiently. As a result, the combustion temperature is increased significantly, and thus, the amount of reducing materials required per basic unit can be reduced. Also, by setting the flow velocity at the exit of the outer tube of the double-tube lance (4) between 20 and 120 m/sec, the double-tube lance (4) can be prevented from deforming due to the rise of temperature.



No. of Pages : 47 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2092/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : GLYCERIDES AND FATTY ACID MIXTURES AND METHODS OF USING SAME

(51) International classification :C07C29/74,C07C31/22,C07C51/42
(31) Priority Document No :12/982,217
(32) Priority Date :30/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/067359
Filing Date :27/12/2011
(87) International Publication No :WO 2012/092253
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NALCO COMPANY
Address of Applicant :1601 W. Diehl Road, Naperville,
Illinois 60563-1198, U.S.A.
(72)Name of Inventor :
1)TRAN, Bo
2)ERAYDIN, Kerem

(57) Abstract :

Green compositions and technologies are provided. In an embodiment, the present invention provides a method of separating a first material from a second material. For example, the method can comprise mixing the first material and the second material in a slurry with a beneficiation composition. The beneficiation composition can comprise one or more glyceride and fatty acid mixtures extracted from an ethanol process. Air bubbles can be provided in the slurry to form bubble particle aggregates with the first material and the bubble-particle aggregates can be allowed to be separated from the second material.

No. of Pages : 19 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2093/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : HOT ROLLING METHOD FOR SILICON-CONTAINING STEEL SLAB

(51) International classification :C21D8/12,B21B1/02,C22C38/00
(31) Priority Document No :2010-270549
(32) Priority Date :03/12/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/076982
Filing Date :24/11/2011
(87) International Publication No :WO 2012/073772
(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)TAKASHIMA, Minoru
2)OTANI, Go
3)HINO, Yoshimichi
4)FUJITA, Akio
5)NAKANISHI, Tadashi

(57) Abstract :

When a steel slab, which has a component composition containing 0.03 mass% or less of C, 2.0-5.0 mass% of Si, 0.005-1.0 mass% of Mn, 0.040 mass% or less of sol. Al, 0.0005-0.0150 mass% of N and 0.030 mass% or less of S + Se with the balance made up of Fe and unavoidable impurities, is re-heated and hot rolled, the steel slab is re-heated so that heating rates R1 and R2 of the steel slab during the re-heating satisfy the following relation of $20\text{ }^{\circ}\text{C/min} \geq R2 \geq R1 \geq 2\text{ }^{\circ}\text{C/min}$ when the heating rate for the range from the beginning of the re-heating to 750°C is represented by R1 (°C/min) and the heating rate for the range from 750°C to 1,050°C is represented by R2 (°C/min) and then hot rolled, thereby reducing surface marks formed on the hot-rolled sheet.

No. of Pages : 19 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2096/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 22/11/2013

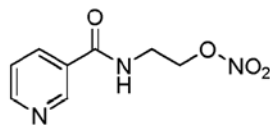
(54) Title of the invention : PROCESS FOR THE MANUFACTURE OF NICORANDIL

(51) International classification :C07C201/02
(31) Priority Document No :MI2010A002419
(32) Priority Date :28/12/2010
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2011/074152
Filing Date :28/12/2011
(87) International Publication No :WO 2012/089769
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

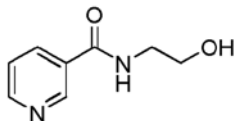
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(72)Name of Inventor :
1)BAROZZA, Alessandro
2)COLOMBO, Matteo
3)ROLETTO, Jacopo
4)PAISSONI, Paolo

(57) Abstract :

Disclosed is a process for the synthesis of Nicorandil (1), 2-(nicotinamide)ethyl nitrate, starting from N-(2-hydroxyethyl)nicotinamide (15), using nitration with nitric acid in the presence of acetic anhydride Said synthesis method is particularly advantageous because it solves the safety problems involved in the use of nitric acid as nitrating agent, and allows a product with excellent yields and quality to be isolated.



(1)
NICORANDIL



(15)

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2097/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : PROCESS FOR PRODUCTION OF NON-ORIENTED ELECTROMAGNETIC STEEL SHEET

(51) International classification:C21D8/12,C22C38/00,C22C38/06

(31) Priority Document No :2010-285335

(32) Priority Date :22/12/2010

(33) Name of priority country :Japan

(86) International Application
No :PCT/JP2011/079150

Filing Date :16/12/2011

(87) International Publication
No :WO 2012/086534

(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)ZAIZEN, Yoshiaki

2)ODA, Yoshihiko

3)TODA, Hiroaki

(57) Abstract :

A process for producing a non-oriented electromagnetic steel sheet, comprising subjecting a steel material comprising 0.03 mass% or less of C, 4 mass% or less of Si, 0.03- 3 mass% of Mn, 3 mass% or less of Al, 0.005 mass% or less of S, 0.005 mass% or less of N and a remainder made up by Fe and unavoidable impurities to a hot-rolling procedure, then a cold-rolling procedure, and then a final annealing procedure, wherein the crystal particle diameter before the cold rolling procedure is adjusted to 100 μ m or less and the final annealing procedure comprises rapidly heating at an average temperature rising rate of 100°C/sec or more until the temperature reaches a re-crystallization temperature or higher. This process enables the production of a non-oriented electromagnetic steel sheet having a high magnetic flux density in the direction of rolling of the steel sheet.

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

(54) Title of the invention : PROCESS FOR PRODUCING FATTY ALCOHOLS FROM FATTY ACIDS

(51) International classification :C07C29/149,C07C31/125,C07C67/03
 (31) Priority Document No :1119871.0
 (32) Priority Date :17/11/2011
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/GB2012/052726
 Filing Date :01/11/2012
 (87) International Publication No :WO 2013/072664
 (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)APPLETON, Paul
2)WOOD, Michael Anthony
3)WILD, Robert

(57) Abstract :

A process for the production of fatty alcohol or alcohols comprising: subjecting a fatty acid or fatty acid mixture to esterification with a lower alkanol in an esterification reactor maintained under esterification conditions to form a stream comprising the corresponding lower alkyl ester or esters; vaporising the stream from step (a); subjecting the vaporised stream of step (b) to hydrogenation in a first hydrogenation zone operated under hydrogenation conditions to form a stream comprising fatty alcohol or alcohols and an amount of unconverted lower alkyl ester or esters; subjecting the stream from step (c) to transesterification in a wax ester reactor maintained under transesterification conditions in the presence of a solid transesterification catalyst thereby to convert at least a portion of the lower alkyl fatty acid ester by ester interchange with a corresponding amount of fatty alcohol or alcohols to lower alkanol and to a wax ester or esters derived from a fatty alcohol and a fatty acid; separating fatty alcohol or fatty alcohols and wax ester or wax esters of step (d) by distillation to yield a fatty alcohol or alcohols product and a stream comprising wax ester or esters; passing said stream comprising wax ester or esters to a second hydrogenation zone operating under conditions to effect hydrogenation in the liquid phase to revert the wax ester or esters to fatty alcohol or alcohols; and returning the fatty alcohol or alcohols to the separation step (e).

No. of Pages : 30 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2099/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : SPRAY DRYING VANCOMYCIN

(51) International classification	:A61K9/14
(31) Priority Document No	:61/429,844
(32) Priority Date	:05/01/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/020160
Filing Date	:04/01/2012
(87) International Publication No	:WO 2012/094381
(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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60045 U.S.A.

(72)Name of Inventor :

1)FRAGALE, Cynthia

2)BRUECK, Daniel

(57) Abstract :

A method and formulation for preparing spray dried vancomycin. In various embodiment, the formulation includes vancomycin HCl (10-20%) and one or more of the following PEG (0-5%), mannitol (0-5%), ethanol (0-10%), and a citrate buffer. Spray dried vancomycin has favorable reconstitution times and water content.

No. of Pages : 22 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2111/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : INTEGRATED SYSTEM ARCHITECTURES AND METHODS OF USE

(51) International classification :A61B1/045
(31) Priority Document No :12/978,344
(32) Priority Date :23/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/065465
Filing Date :16/12/2011
(87) International Publication No :WO 2012/087818
(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)KEMP, Nathaniel, J.
2)GLYNN, Timothy, K.

(57) Abstract :

Provided herein are systems, methods and apparatuses for an integrated system and architectures comprising a central processing unit (CPU) located a substantial physical distance from a sample.

No. of Pages : 47 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2112/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : SAFETY AND DESCENDER DEVICE

(51) International classification :A62B1/14,A63B29/02,A63B69/00
(31) Priority Document No :MI2011A000023
(32) Priority Date :13/01/2011
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2012/000044
Filing Date :12/01/2012
(87) International Publication No :WO 2012/095737
(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)PAGLIOLI, Carlo

(57) Abstract :

It is described a belay, of static or dynamic type, and descender, of self-blocking type and not, device for securing one or more ropes (10) comprising a main body (1) composed of at least two or more flat plates (2, 2A, 3) constrained one to another according to planes preferably parallel, or slightly tilted, by a plurality of spacer pins (4-7). The rope/s is/are inserted inside the body of the device which further comprises a first karabiner (15) hooked to the main body by passing through an opening (8) in the device body. The karabiner (15) is movable in the opening between an unlocking position of the rope, that is the usual use condition, and an emergency position wherein the rope is blocked, and vice versa. The device further comprises a hole (60) passing through the device body allowing the hooking of the first karabiner (15) removed from the opening (8) or of a second karabiner (61) around which the rope/s (10) is/are passed, and further means for constraining the device body to a fixed hooking point (80), which comprise at least one through hole (70) inside which a further respective karabiner (71) is hooked.

No. of Pages : 34 No. of Claims : 15

(54) Title of the invention : COMBINATION SCALE

(51) International classification :G01G19/387,G01G11/18
 (31) Priority Document No :2011-016835
 (32) Priority Date :28/01/2011
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/003118
 Filing Date :02/06/2011
 (87) International Publication No :WO 2012/101685
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

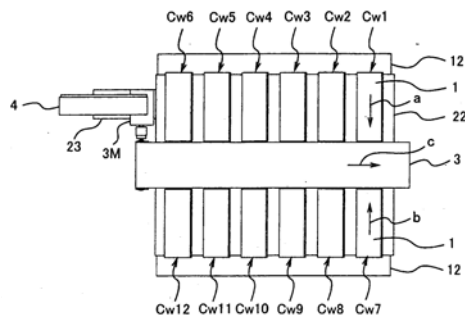
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(72)Name of Inventor :

1)KAWASHIMA, Takaaki

(57) Abstract :

Provided is a combination scale configured so that even an easily broken or damaged object to be weighed is not damaged by an impact of drop and other reasons. The combination scale of an aspect of the present invention comprises: weighing conveyors (1) to which objects to be weighed are supplied manually and which convey the supplied objects; weight sensors (2) provided so as to correspond to the weighing conveyors (1) and weighing the objects to be weighed having been supplied on the weighing conveyors (1); a control unit (5) for obtaining, on the basis of the values of the weights obtained by the weight sensors (2), a single discharge combination of weighing conveyors (1) which is the combination of weighing conveyors (1) which causes the sum of the weights of the supplied weighed objects to be within a target weight range, the control unit (5) then driving the weighing conveyors (1), which form the discharge combination, to convey the weighed objects on the weighing conveyors (1) in a first direction and discharging the weighed object from one end of each of the weighing conveyors (1); and a collective conveyor (3) to which the weighed object discharged from the one end of each of the weighing conveyors (1) is supplied and which conveys the supplied weighed objects in one direction and discharges the objects.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2114/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : SUBSTRATE HAVING ETCHING MASK AND METHOD FOR PRODUCING SAME

(51) International classification :H01L21/3065,G03F7/26,H01L21/306
(31) Priority Document No :2011-026688
(32) Priority Date :10/02/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/052859
Filing Date :08/02/2012
(87) International Publication No :WO 2012/108464
(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)SHIGETA, Kaku
2)SUGAWARA, Shintaro
3)SHIGETA, Tatsuo

(57) Abstract :

Provided are: a substrate that has an etching mask and that is capable of high definition patterning; and a method for producing the substrate. A photosensitive material is applied onto the surface of the substrate and subjected to exposure/development to form a resist pattern, a DLC coating film is formed on the surface of the substrate and resist pattern, the DLC coating film formed on the resist pattern is delaminated together with the resist pattern, and thus a DLC pattern is formed on the surface of the substrate.

No. of Pages : 21 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2120/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : ENGAGEMENT AND PAYMENT PROCESSING PLATFORM

(51) International classification :G06Q10/00,G06Q20/00,G06Q30/00
(31) Priority Document No :61/417,725
(32) Priority Date :29/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/062478
Filing Date :29/11/2011
(87) International Publication No :WO 2012/075054
(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)ROOKE Todd A.

2)ROGNESS Joseph

(57) Abstract :

An engagement and payment processing platform is disclosed. Within the platform, entities and processes interact with an engagement management system to manage transactions, compensation events, consumer profiles, etc.

No. of Pages : 31 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2121/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHOD FOR RANDOM ACCESS IN WIRELESS COMMUNICATION SYSTEM ,WIRELESS COMMUNICATION SYSTEM ,WIRELESS TERMINAL, AND BASE STATION UNIT

(51) International classification	:H04Q 7/36
(31) Priority Document No	:NA
(32) Priority Date	: -
(33) Name of priority country	:
(86) International Application No	:PCT/JP2007/065745
Filing Date	:10/08/2007
(87) International Publication No	:WO/2009/022386
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:810/KOLNP/2010
Filed on	:03/03/2010

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2)TAJIMA YOSHIHARU

3)KAZUHISA OBUCHI

4)YOSHIHIRO KAWASAKI

(57) Abstract :

In the event of detecting first information used for first random access and second information used for second random access, the second information being received from the base station unit (10), a wireless terminal (20) selects one between the first information and the second information (S1c). Thereby, either one of the random accesses can be selectively performed, efficiently using resources such as signatures used for random access.

No. of Pages : 78 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2122/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 22/11/2013

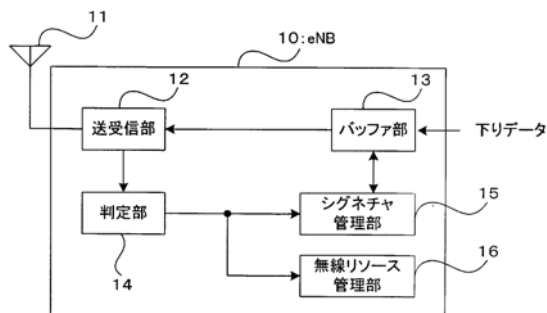
(54) Title of the invention : METHOD FOR RANDOM ACCESS IN WIRELESS COMMUNICATION SYSTEM, WIRELESS COMMUNICATION SYSTEM, WIRELESS TERMINAL, AND BASE STATION UNIT

(51) International classification :H04Q 7/36
(31) Priority Document No :NA
(32) Priority Date : -
(33) Name of priority country :
(86) International Application No :PCT/JP2007/065745
Filing Date :10/08/2007
(87) International Publication No :WO/2009/022386
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :810/KOLNP/2010
Filed on :03/03/2010

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(57) Abstract :

In the event of detecting first information used for first random access and second information used for second random access, the second information being received from the base station unit (10), a wireless terminal (20) selects one between the first information and the second information(S1c) . Thereby, either one of the random accesses can be selectively performed, efficiently using resources such as signatures used for random access.



No. of Pages : 78 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2123/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHOD FOR RANDOM ACCESS IN WIRELESS COMMUNICATION SYSTEM, WIRELESS COMMUNICATION SYSTEM,WIRELESS TERMINAL,AND BASE STATION UNIT.

(51) International classification	:H04Q 7/36
(31) Priority Document No	:NA
(32) Priority Date	: -
(33) Name of priority country	:
(86) International Application No	:PCT/JP2007/065745
Filing Date	:10/08/2007
(87) International Publication No	:WO/2009/022386
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:810/KOLNP/2010
Filed on	:03/03/2010

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4)YOSHIHIRO KAWASAKI

(57) Abstract :

In the event of detecting first information used for first random access and second information used for second random access, the second information being received from the base station unit (10), a wireless terminal (20) selects one between the first information and the second information(S1c). Thereby, either one of the random accesses can be selectively performed, efficiently using resources such as signatures used for random access.

No. of Pages : 81 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2124/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHOD FOR RANDOM ACCESS IN WIRELESS COMMUNICATION SYSTEM, WIRELESS COMMUNICATION SYSTEM, WIRELESS TERMINAL, AND BASE STATION UNIT

(51) International classification	:H04Q 7/36
(31) Priority Document No	:NA
(32) Priority Date	: -
(33) Name of priority country	:
(86) International Application No	:PCT/JP2007/065745
Filing Date	:10/08/2007
(87) International Publication No	:WO/2009/022386
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:810/KOLNP/2010
Filed on	:03/03/2010

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3)KAZUHISA OBUCHI

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(57) Abstract :

In the event of detecting first information used for first random access and second information used for second random access, the second information being received from the base station unit (10), a wireless terminal (20) selects one between the first information and the second information (S1c). Thereby, either one of the random accesses can be selectively performed, efficiently using resources such as signatures used for random access.

No. of Pages : 78 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2125/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHOD FOR RANDOM ACCESS IN WIRELESS COMMUNICATION SYSTEM, WIRELESS COMMUNICATION SYSTEM, WIRELESS TERMINAL, AND BASE STATION UNIT

(51) International classification	:H04Q 7/36
(31) Priority Document No	:NA
(32) Priority Date	: -
(33) Name of priority country	:
(86) International Application No	:PCT/JP2007/065745
Filing Date	:10/08/2007
(87) International Publication No	:WO/2009/022386
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:810/KOLNP/2010
Filed on	:03/03/2010

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1)YOSHIAKI OHTA

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4)YOSHIHIRO KAWASAKI

(57) Abstract :

In the event of detecting first information used for first random access and second information used for second random access, the second information being received from the base station unit (10), a wireless terminal (20) selects one between the first information and the second information (S1c). Thereby, either one of the random accesses can be selectively performed, efficiently using resources such as signatures used for random access.

No. of Pages : 78 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2130/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : SEMI-PLUGGED STAR GEROTOR AND METHOD OF ASSEMBLING THE SAME

(51) International classification :F04C2/10,F04C15/00
(31) Priority Document No :12/985,396
(32) Priority Date :06/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2011/000288
Filing Date :16/02/2011
(87) International Publication No :WO 2012/093274
(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)SMITH, Stephen, D.
2)MATSUI, Hiroshi
3)ARAMBALKAR, Vijay, A.

(57) Abstract :

A gerotor assembly (13) includes a star (14), a ring (12), and an annular plug (18), as well as an o-ring (16). The star (14) defines a center opening (20) of a first diameter which is connectable to a low-pressure fluid reservoir (40). The ring (12) circumscribes the star (14). The ring (12) defines, in conjunction with a stationary end cap (24) of a fluid control device (11), a fluid channel (82) connectable to a high-pressure fluid supply (30). The plug (18) is circumscribed by the star (14), and defines a center bore (27) of a second diameter less than the first diameter. The o-ring (16) is positioned between the star (14) and the plug (18). The plug (18) forms a fluid seal against the end cap (24). A fluid control device (11) includes the above gerotor assembly (13) and a valve housing section (70). A method of assembling the gerotor assembly (13) and fluid control device (11) are also disclosed.

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

(54) Title of the invention : ISOLATION VALVE WITH INTEGRATED FLOAT VALVE FOR HIGH-PRESSURE APPLICATIONS

(51) International classification :F02M25/08,B60K15/035
 (31) Priority Document No :61/435,096
 (32) Priority Date :21/01/2011
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2012/021848
 Filing Date :19/01/2012
 (87) International Publication No :WO 2012/100039
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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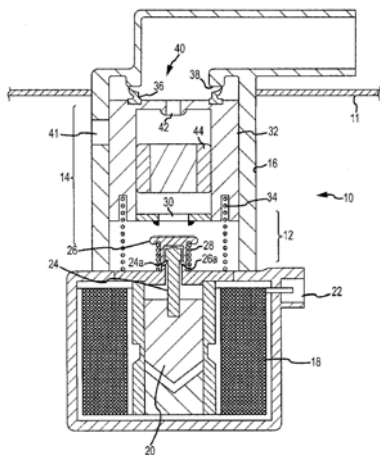
(72)Name of Inventor :

1)Daniel Lee PIFER

2)Vaughn K. MILLS

(57) Abstract :

A valve assembly for a high-pressure fluid reservoir includes an isolation valve (12) having a selectively energizable coil (18), an armature (20) that is moveable between a first position when the coil is energized and a second position when the coil is de-energized, and an isolation valve seal (26) coupled to the armature. The assembly also includes a float valve (14) having a float (32) with a passage (30) at a bottom portion and an orifice (42) at a top portion of the float, wherein the isolation valve seal is aligned to open and close the passage and wherein vapor flows through the passage and the orifice when the coil is energized during a high pressure condition. A housing (16) both the isolation valve and the float valve and has a port (40) that is opened and closed by the float valve.



No. of Pages : 18 No. of Claims : 17

(54) Title of the invention : METHOD AND APPARATUS FOR EFFICIENTLY CONTROLLING INTER-CELL INTERFERENCE POWER IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04B7/26,H04W24/10
 (31) Priority Document No :61/433,651
 (32) Priority Date :18/01/2011
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/KR2012/000423
 Filing Date :18/01/2012
 (87) International Publication No :WO 2012/099389
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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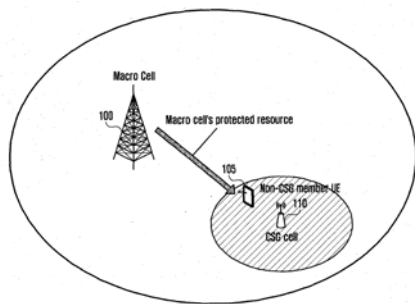
2)Sang Bum KIM

3)Gert Jan VAN LIESHOUT

4)Kyeong In JEONG

(57) Abstract :

The present invention relates to a method and apparatus for efficiently controlling inter-cell interference power in a wireless communication system. According to the present invention, a measurement method to be performed by a terminal in a wireless communication system comprises the following steps: receiving, from a base station, an RRC connection reestablishment message containing pattern information for measuring a serving cell or an adjacent cell; measuring, for an object to be measured indicated by said RRC reestablishment message, the serving cell or adjacent cell using the pattern information; and reporting the result of the measurement to the base station.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2133/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : APPARATUS AND METHOD FOR STORING AND PLAYING CONTENT IN A MULTIMEDIA STREAMING SYSTEM

(51) International classification :H04N5/93,H04N7/173
(31) Priority Document No :10-2011-0005054
(32) Priority Date :18/01/2011
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2012/000449
Filing Date :18/01/2012
(87) International Publication No :WO 2012/099400
(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)Seo-Young HWANG

(57) Abstract :

To store and play contents streamed in a multimedia streaming system, an operating method of a server in the multimedia streaming system includes receiving a transmission request for a Media Presentation Description (MPD) file; and transmitting the MPD file including a flag indicating whether it is possible to generate a media file that is playable by a media file player by concatenating transmitted segments.

No. of Pages : 32 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2134/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : SLIDING BEARING AND CONSTRUCTION MACHINE PROVIDED WITH SAME

(51) International classification :F16C33/10,B22F5/10,F16C17/02
(31) Priority Document No :2011-002134
(32) Priority Date :07/01/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/078071
Filing Date :05/12/2011
(87) International Publication No :WO 2012/093536
(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)Osamu GOKITA
3)Shigeyuki SAKURAI
4)Yasuchika NAGAI

(57) Abstract :

Provided are a novel sliding bearing and a construction machine provided with same, the sliding bearing being capable of maintaining an excellent sliding performance over a long period of time and exhibiting an excellent strength. A sliding bearing (100) having at least a bush (10) and a shaft part (20), the shaft part (20) being provided with a grease-feeding pathway (70) for feeding grease (G) from the exterior to the sliding surfaces of the shaft part (20) and the bush (10), the bush (10) being formed from a porous sintered metal, and a decomposition catalyst (S) being adhered to the sliding surface of the bush (10).

No. of Pages : 28 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2135/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : CONSTRUCTION MACHINE

(51) International classification :E02F9/18,E02F9/00
(31) Priority Document No :2011-039765
(32) Priority Date :25/02/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/050159
Filing Date :06/01/2012
(87) International Publication No :WO 2012/114783
(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)Kensuke SATO
2)Tsuyoshi NAKAMURA
3)Takahiro KOBAYASHI
4)Hiroyuki AZUMA

(57) Abstract :

In the present invention, a counterweight (7) that balances the weight of a work device (4) is provided to the back side of a rotating frame (5) that constitutes an upper rotating body (3), and an engine (9) and an exhaust gas aftertreatment device (21) that purifies the exhaust gas from the engine (9) are provided in front of the counterweight (7). The exhaust gas aftertreatment device (21) is configured by connecting a PM collection filter device (22) and a NOx scrubbing device (23); the PM collection filter device (22) is attached to the engine (9); and the NOx scrubbing device (23) is attached to the counterweight (7). When removing the counterweight (7) from the rotating frame (5), the NOx scrubbing device (23) is supported by a treatment device support bracket (26) attached to the engine (9). As a result, the counterweight (7) can be removed while keeping the PM collection filter device (22) and the NOx scrubbing device (23) connected.

No. of Pages : 63 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2136/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : ROTATION DEVICE FOR CONSTRUCTION MACHINE

(51) International classification :B62D55/14,B62D55/125,B62D55/15
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2011/060440
Filing Date :28/04/2011
(87) International Publication No :WO 2012/147201
(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)AKITA Hideki
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3)IGAWA Yuuji

(57) Abstract :

A floating seal (23) is provided between a mounting bracket (12) which is affixed to a side frame (6) and a roller (15) which can rotate relative to the mounting bracket (12), and lubricating oil (L) retained within the roller (15) is sealed by the floating seal (23). An air permeable plug (31) provided with an air permeable member (34) consisting of a porous material having interconnected foams is provided to the lid body (17) of the roller (15). The air permeable member (34) of the air permeable plug (31) allows air and/or water vapor to flow between the inside and outside of the roller (15) and prevents the lubricating oil (L) and/or substances such as rainwater and dust from flowing therebetween. The configuration can always equalize the pressure inside the roller (15) and the pressure outside thereof.

No. of Pages : 45 No. of Claims : 6

(54) Title of the invention : UE CAPABILITY REPORT METHOD AND APPARATUS IN MOBILE COMMUNICATION SYSTEM

(51) International classification :H04B7/26,H04W24/00
 (31) Priority Document No :61/433,651
 (32) Priority Date :18/01/2011
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/KR2012/000454
 Filing Date :18/01/2012
 (87) International Publication No :WO 2012/099404
 (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 :

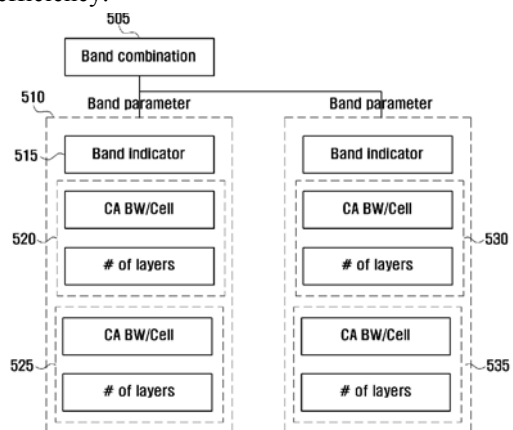
1)KIM, Soeng Hun

2)VAN LIESHOUT, Gert-Jan

3)JEONG, Kyeong In

(57) Abstract :

A method and an apparatus for reporting a capability of a User Equipment (UE) supporting advanced functions such as Carrier Aggregation (CA) are provided. The method includes checking, when a control message requesting a capability report is received, a Radio Access Technology (RAT) type and transmitting, when the RAT type is set to Evolved Universal Terrestrial Radio Access (EUTRA), at least one band combination information on at least one band combination supported by the terminal. The UE capability report method is capable of reporting the UE capability related to advanced functions, such as CA and Multiple Input Multiple Output (MIMO), to a network efficiently with the least amount of information, thereby resulting in an improvement of radio resource efficiency.



No. of Pages : 31 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2138/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : NON-LINEAR TRANSFORMER AND METHOD OF MANUFACTURING THE SAME

(51) International classification :H01F30/12
(31) Priority Document No :61/419,563
(32) Priority Date :03/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/063125
Filing Date :02/12/2011
(87) International Publication No :WO 2012/075424
(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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SWITZERLAND
(72)Name of Inventor :
1)OUTTEN, Samuel
2)HARTMAN, Thomas, A.
3)JOHNSON, Charles, W.

(57) Abstract :

A three-phase non-linear transformer and a method of constructing the same. The non-linear transformer includes a non-linear ferromagnetic core having a plurality of frames, each of which has a closed or substantially closed periphery. The frames are arranged to form at least three legs. A low voltage winding is formed around each leg and a high voltage winding is formed around each low voltage winding. Each high voltage winding includes a plurality of serially-connected disc windings. Each of the disc windings is formed of alternating concentric layers of a conductor strip and an insulation strip, wherein the conductor strip having a width to thickness ratio of greater than 10:1. A casing encapsulates each pair of high voltage and low voltage windings. The casing is formed using a mold at least partially formed by a winding device used to wind the high voltage and low voltage windings.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1299/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :12/11/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : ELECTRONIC COMPONENT MOUNTING MODULE AND POWER CONVERSION APPARATUS

(51) International classification	:H01F27/28	(71) Name of Applicant :
(31) Priority Document No	:2012-115952	1)KABUSHIKI KAISHA YASKAWA DENKI
(32) Priority Date	:21/05/2012	Address of Applicant :2-1, KUROSAKI-SHIROISHI,
(33) Name of priority country	:Japan	YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA 806-0004 JAPAN
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)YAMANAKA YASUNORI
(87) 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 electronic component mounting module according to an embodiment includes a mounting member, a pressing member, and a fastening member. The mounting member includes a component housing frame that houses an electronic component generating heat during operation so as to be in contact with at least a part of a side face thereof, and that holds the electronic component so as to expose a main heat radiating surface thereof toward a heat sink. The pressing member is mounted on the mounting member, and presses the mounting member and the electronic component at the same time toward the heat sink through a heat sink layer. The fastening member presses the pressing member toward the heat sink, and thus presses to fix the component housing frame and the electronic component to the heat sink layer.

No. of Pages : 34 No. of Claims : 11

(54) Title of the invention : HIGH-VOLTAGE SWITCHGEAR

(51) International classification :H01H31/00,H02B13/00,H01H39/00
 (31) Priority Document No :102011008445.2
 (32) Priority Date :12/01/2011
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2011/006090
 Filing Date :06/12/2011
 (87) International Publication No :WO 2012/095130
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
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1)PETERS, Hauke

(57) Abstract :

The invention relates to a high-voltage switchgear comprising a switchgear housing (10) which is filled with an insulating gas, for example SF₆, and in which at least one pair of contacts formed by a stationary and a mobile contact element (22, 20) having an actuating drive and electric conductors are arranged, said contacts and conductors being insulated against earth, the switchgear housing (10) defining a gas chamber. At least one insulating bush (28) having a phase contact (30) is provided on the switchgear housing, said bush being covered by an insulating plug (32). At least one further contact system (14) is located outside the switchgear housing (10) on the at least one insulating bush (28) and functions as an ultra- fast earthing switch which shortcircuits the phase contact (30) of the insulating bush (28) by means of the ground potential in the event of a fault condition in the switchgear housing (10). The mobile piston (18) of the piston-cylinder arrangement has an edge (24) on its end face facing the stationary contact element (22) to be contacted, said edge cutting through the insulating plug (32) in the event of a fault condition.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2146/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : INSULATING ASSEMBLY FOR AN HVDC COMPONENT HAVING WALL-LIKE SOLID BARRIERS

(51) International classification :H01B3/18,H01B1/12,H01F27/04
(31) Priority Document No :102011008 454.1
(32) Priority Date :07/01/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/074085
Filing Date :27/12/2011
(87) International Publication No :WO 2012/093053
(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)KRÜGER, Ursus

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9)LÜTHEN, Volkmar

(57) Abstract :

The invention relates to an insulating assembly for an HVDC component, such as a transformer, for example. According to the invention, solid barriers (26, 27) are produced from a cellulose material-containing composite, the resistivity of which is lower as compared to untreated cellulose material. The wall thickness of the solid barriers (26, 27) can thus advantageously be reduced whereby, for example, the leakage flux channel width (35) between the individual elements (22, 23) in the HVDC component can be reduced. Thus, design freedom is advantageously increased, which results especially in a more compact construction. The invention can be used in particular for HVDC transformers and HVDC reactors.

No. of Pages : 24 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2147/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHOD FOR MANUFACTURING A ROTOR

(51) International classification :B24B5/16,B24B19/02,B24B27/00

(31) Priority Document No :2011/0036

(32) Priority Date :24/01/2011

(33) Name of priority country :Belgium

(86) International Application
No :PCT/BE2011/000004

Filing Date :28/02/2011

(87) International Publication
No :WO 2012/100307

(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)VERBINNEN, Jozef Carlo

(57) Abstract :

Method for manufacturing a rotor (1) that at least comprises the following operations: the clamping of a workpiece (25) in a grinding machine (27); the performance of one or more cylindrical grinding operations whereby a rotor shaft section (10-14) is ground to the desired diameter with a cylindrical grinding disk (18); the performance of one more profile grinding operations whereby a rotor body (3) is profiled with a profile grinding disk (23). and whereby, during the manufacture of the rotor (1) in the grinding machine (27), the workpiece (25) is not undamped and the cylindrical grinding operations and the profile grinding operations are done with the same grinding machine (27).

No. of Pages : 54 No. of Claims : 19

(54) Title of the invention : MIXER DRUM APPARATUS

(51) International classification :B01F9/02,B01F9/06,B28C5/42
 (31) Priority Document No :2011-257640
 (32) Priority Date :25/11/2011
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2012/070169
 Filing Date :08/08/2012
 (87) International Publication No :WO 2013/077033
 (61) Patent of Addition to
 Application Number :NA
 Filing Date :NA
 (62) Divisional to Application
 Number :NA
 Filing Date :NA

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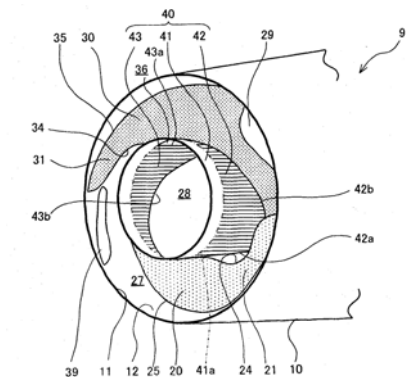
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1)SAKAI, Naoto

(57) Abstract :

A mixer drum device for mixing an accommodated substance is equipped with: a rotatable drum which has an open end at one end and which accommodates the accommodated substance therein; a plurality of helical blades provided having a phase difference to the inside of the drum; and an inlet seal which is provided to the open end of the drum and which connects to one part of the blades. An opening for conveying the accommodated substance via the inlet seal located between the blades is formed.



No. of Pages : 39 No. of Claims : 5

(54) Title of the invention : GRADING RING FOR AN HVDC TRANSFORMER WINDING OR AN HVDC REACTOR WINDING

(51) International classification :H01F27/32,H01F27/36
 (31) Priority Document No :10 2011 008 462.2
 (32) Priority Date :07/01/2011
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2011/074082
 Filing Date :27/12/2011
 (87) International Publication No :WO 2012/093052
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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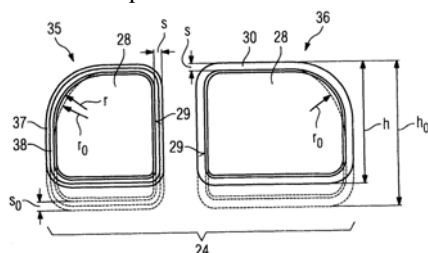
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(57) Abstract :

The invention relates to a grading ring (24) for an HVDC transformer winding or an HVDC reactor winding. Said winding comprises an annular core (28), which has a conductive surface (29) and is surrounded by a layer (30) made of cellulose material. According to the invention, said layer (30) is designed as a composite, wherein the resistivity of said composite is reduced as compared to untreated cellulose material. This has the advantage that a voltage drop is better distributed over the layer (30) of the grading ring when an electric direct current field is applied to the grading ring. Load peaks can thus be reduced, and as a result the grading ring (24) can advantageously have a lower height (h) and/or smaller radii (r) of the corners of the cross-section of the grading ring and/or a thinner layer thickness (s) of the layer (30). The design freedom for creating the grading ring can thus advantageously be increased and the material requirement can be decreased.



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

(54) Title of the invention : DISCONNECTION POINT OF A WIRE FEEDTHROUGH FOR AN HVDC COMPONENT

(51) International classification :H02G15/24,H01F27/04,H01F27/36
 (31) Priority Document No :10 2011 008 461.4
 (32) Priority Date :07/01/2011
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2011/074087
 Filing Date :27/12/2011
 (87) International Publication No :WO 2012/093054
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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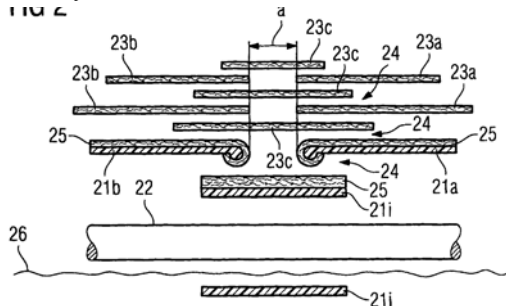
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(72)Name of Inventor :

1)BAKIJIA, Beriz**2)BREITFELDER, Dieter****3)HAMMER, Thomas****4)HOPPE, Jens****5)LOPPACH, Karsten****6)SCHLAGER, Johann****7)HEINRICHSORFF, Frank****8)KRÜGER, Ursus****9)LÜTHEN, Volkmar**

(57) Abstract :

The invention relates to disconnection point of a wire feedthrough for an HVDC component, such as an HVDC transformer, for example. A wire (22) is guided inside jacket tubes (21a, 21b, 21i), which are preferably made of metal. According to the invention, said jacket tubes are provided with a coating (25) made of a treated cellulose material or plastic material, wherein according to the invention the resistivity of said layer is adapted to that of transformer oil provided in the gaps (24) between the jacket tubes and additional solid insulating barriers (23a, 23b, 23c). By adapting the resistivity of the insulation elements to the transformer oil, a dielectric strength of the barriers that are used can advantageously be improved, and the design freedom for the disconnection point is thereby increased.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2174/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : LINE FEEDTHROUGH FOR THE VESSEL WALL OF AN HVDC COMPONENT

(51) International classification :D21H17/33,H01B3/18,H01B1/12
(31) Priority Document No :10 2011 008 459.2
(32) Priority Date :07/01/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/072867
Filing Date :15/12/2011
(87) International Publication No :WO 2012/093023
(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)BREITFELDER, Dieter
3)HAMMER, Thomas
4)HOPPE, Jens
5)LOPPACH, Karsten
6)SCHLAGER, Johann
7)KRÜGER, Ursus
8)HEINRICHS DORFF, Frank
9)LÜTHEN, Volkmar

(57) Abstract :

The invention relates to a line feedthrough for the vessel wall of an HVDC component. Said feedthrough comprises a feedthrough element in the form of an electrode tube (25) or a conductor bolt (23). Said feedthrough element has an encapsulation (26) made of a cellulose material, the specific resistance thereof being reduced by treatment according to the invention relative to that of cellulose material without such treatment. A greater dielectric strength of the insulation formed by the encapsulation (26) and further solid barriers (28) can thereby be achieved. The improved dielectric strength advantageously allows additional design freedom for the feedthrough.

No. of Pages : 24 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2175/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : WIRING ARRANGEMENT FOR HVDC TRANSFORMER WINDINGS OR HVDC REACTOR WINDINGS

(51) International classification :H01F27/32,H01F27/36
(31) Priority Document No :10 2011 008 456.8
(32) Priority Date :07/01/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/074092
Filing Date :27/12/2011
(87) International Publication No :WO 2012/093055
(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)SCHLAGER, Johann

7)LÜTHEN, Volkmar

8)HEINRICHS DORFF, Frank

9)KRÜGER, Ursus

(57) Abstract :

The invention relates to a wiring arrangement (28) for electrical wires (29) of HVDC transformer windings (22) or HVDC reactor windings. According to the invention, at least the insulating layer (30) of an electrode tube (21) is, and preferably also the solid barriers (26, 32) are, produced from a cellulose material, the resistivity of which is lowered, by means of a treatment, as compared to untreated cellulose material and is thus brought more in line with the resistivity of transformer oil. This allows more space-saving and more puncture-proof insulating sections (25) to be produced for the aforementioned HVDC components, which advantageously increases the design freedom for creating said wiring arrangements.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2186/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHOD FOR APPLYING FUNCTIONAL ELEMENTS ON FLAT COMPONENTS

(51) International classification :C23C4/02,C23C4/12,F16J15/00

(31) Priority Document No :10 2011 002 872.2

(32) Priority Date :19/01/2011

(33) Name of priority country :Germany

(86) International Application No:PCT/EP2011/069535

Filing Date :07/11/2011

(87) International Publication No :WO 2012/097890

(61) Patent of Addition to :NA

Application Number :NA

Filing Date :NA

(62) Divisional to Application :NA

Number :NA

Filing Date :NA

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Herdorf, GERMANY

(72)Name of Inventor :

1)MÜLLER, NIEHUUS, Kristian

(57) Abstract :

The invention relates to a method for producing a component having at least one functional element, comprising the steps of: providing a substrate; enriching a plasma jet with material of the at least one functional element to be formed, and applying at least one functional element to the substrate by applying material in at least substantially liquid form, bonding it to the substrate, and solidifying it by means of the enriched plasma jet.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/07/2013

(21) Application No.2187/KOLNP/2013 A

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHODS OF METABOLIC TARGETING CANCER CELLS USING CHEMO- AND IMMUNOTHERAPY FOR TREATING CANCER

(51) International classification :A61K31/475,A61K31/282,A61K31/513
(31) Priority Document No :61/420,208
(32) Priority Date :06/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CN2011/002035
Filing Date :06/12/2011
(87) International Publication No :WO 2012/075679
(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)TSANG, Tom, C
2)MEADE-TOLLIN, Linda
3)PENNINGTON, Michael, E

(57) Abstract :

Methods for treating cancer comprising administering a metabolic targeting chemo- immunotherapy regimen are provided herein. In one embodiment, the metabolic targeting chemo- immunotherapy regimen may include steps of administering a therapeutically effective dose of one or more immunologic agents (e.g. a therapeutic antibody) to stimulate an immune response in a subject having cancer; reducing the patient's blood glucose level; and administering a therapeutically effective dose of one or more chemotherapeutic agents. The methods described herein may be used to treat any type of cancer, especially malignant and metastatic late stage cancers.

No. of Pages : 74 No. of Claims : 68

(54) Title of the invention : METHOD FOR THE DIAGNOSIS OF A CARCINOMA AND USES THEREOF

(51) International classification :G01N33/50,G01N33/574
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :PCT/IT2010/000484
 Filing Date :06/12/2010
 (87) International Publication No :WO 2012/077139
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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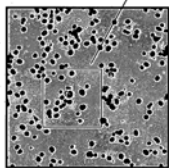
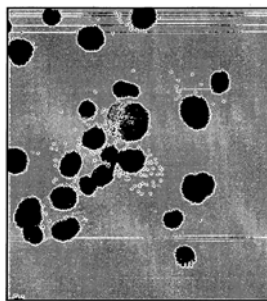
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(72)Name of Inventor :

1)BASTIA Filippo**2)ALTOMARE, Donato****3)DI LEO, Alfredo****4)ROTELLI, Maria Teresa****5)BARONE, Michele**

(57) Abstract :

The present invention relates to a method for diagnosing a carcinoma or a residual disease associated thereto, or for the prognosis of a carcinoma, or for monitoring the effectiveness of an anti-tumour therapy directed against a carcinoma, or for monitoring the follow-up of an individual affected by a carcinoma, in particular colorectal carcinoma, carcinoma of the stomach, mammary carcinoma, pulmonary carcinoma or carcinoma of the prostate, carcinoma of the liver, carcinoma of the ovary, carcinoma of the kidney, carcinoma of the thyroid, carcinoma of the bladder or carcinoma of the pancreas. The method of the invention consists in placing adult stem cells in contact with a sample of a haemo-derivative of the individual to be analysed and in verifying the expression of at least an epithelial marker in the stem cells by means of immunofluorescence, immunohistochemistry, ELISA or RT-PCR.



No. of Pages : 47 No. of Claims : 21

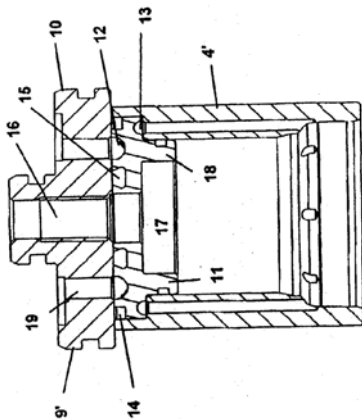
(54) Title of the invention : INJECTION-MOULDING MACHINE WITH A SHUT-OFF NEEDLE

(51) International classification :B29C45/28
 (31) Priority Document No :102011002586.3
 (32) Priority Date :12/01/2011
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2012/050008
 Filing Date :02/01/2012
 (87) International Publication No :WO 2012/095327
 (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)SCHWEININGER, Stefan
2)WAGNER, Christian

(57) Abstract :

The present invention relates to an injection- moulding machine comprising a hot runner for feeding a plasticized melt into a mould, a shut- off needle for optionally closing or opening the hot runner, a piston, which is connected to the shut-off needle, is arranged in a housing with an opening and divides the housing into a first chamber and a second chamber, and a covering plate with a first and a second fluid outlet, wherein the housing has a first fluid inlet, which is in connection with the first chamber, and a second fluid inlet, which is in connection with the second chamber, which are arranged in such a way that fluid can be transferred via the first fluid outlet of the covering plate into the first fluid inlet of the housing and fluid can be transferred via the second fluid outlet of the covering plate into the second fluid inlet of the housing, and so fluid can be applied to the piston from both sides, wherein the second chamber is arranged on the side of the piston that is facing the covering plate. In order to provide an injection-moulding machine of the type mentioned at the beginning in which an optimal fluid transfer between the covering plate on the one hand and the housing on the other hand is ensured even when there are relatively great changes in the temperature of the hot runner block, it is proposed according to the invention that the second fluid inlet opening of the housing and the second fluid outlet opening of the covering plate differ in their cross-sectional areas and/or are at different distances from the axis of the shut- off needle, wherein an adapter element with a fluid inlet opening and a fluid outlet opening is provided and is designed in such a way that the fluid provided by the covering plate via the second fluid outlet opening can be conducted via the fluid inlet opening into the adapter element and via the fluid outlet opening from the adapter element into the second fluid inlet opening of the housing.



No. of Pages : 27 No. of Claims : 11

(54) Title of the invention : REFINER AND BLADE ELEMENT

(51) International classification :D21D1/30,D21D1/22
 (31) Priority Document No :20115082
 (32) Priority Date :27/01/2011
 (33) Name of priority country :Finland
 (86) International Application No :PCT/FI2012/050073
 Filing Date :26/01/2012
 (87) International Publication No :WO 2012/101330
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

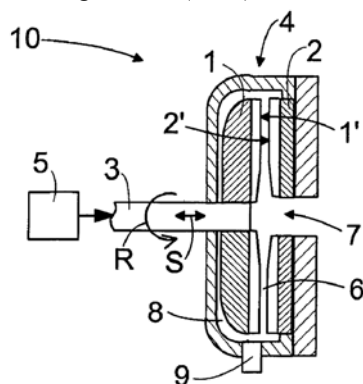
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(72)Name of Inventor :

1)SJÖSTRÖM, H kan**2)LINDROOS, Kati****3)KAARINEVA, Matti****4)IISAKKILA, Tomi**

(57) Abstract :

A refiner (10, 11) for refining fibrous material comprises at least one first refining surface (1) and at least one second refining surface (2), which refining surfaces (1 , 2) are arranged opposite to one another and mobile in relation to one another. In the refiner (10, 11) either at least the first (1) or the second (2) refining surface comprises refining surface portions (15, 27) feeding material to be refined and/or refining surface portions (15, 27) discharging refined material as well as refining surface portions (16) grinding the material to be refined, on the upper surface of which there are blade bars (17) and between them blade grooves (18). In at least one refining surface (1 , 2) of the refiner (10, 11) the cross-sectional area (A) of at least some blade grooves (18) is arranged to decrease from one blade groove (18) to the next from the direction of the feed edge (13) to the direction of the discharge edge (14) of the refining surface (1 , 2). Further a blade element (12) for a refiner (10, 11) intended for refining fibrous material.



No. of Pages : 52 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2103/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : STRIP, METHOD FOR PRODUCING SAME, AND METHOD FOR PRODUCING PNEUMATIC TIRE

(51) International classification :B29D30/16,B60C5/14,B60C9/02
(31) Priority Document No :2010-271405
(32) Priority Date :06/12/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/063937
Filing Date :17/06/2011
(87) International Publication No :WO 2012/077372
(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)SUGIMOTO, Mutsuki

(57) Abstract :

The present invention improves tire uniformity and the adhesion between an inner liner and a carcass ply, and reduces crack growth accompanying repeated bending deformation during tire travelling. The strip is for forming the inner liner having a shape that is close to the finished cross-sectional shape of the tire by being wrapped in the circumferential direction of the outer surface of a core body. The strip comprises a single layer provided with a first layer disposed at the innermost layer of the tire, or comprises a composite layer of the first layer and a second layer comprising a thermoplastic elastomer composition disposed adjacent to the carcass ply. The first layer is a thermoplastic elastomer composition containing, in a styrene-isobutylene-styrene block copolymer, at least one of a tackifier, butyl rubber, and natural rubber. The strip has a strip body having a thickness (T1) of 0.02-1.0 mm, and ears formed on both sides of the strip body at a thickness (T2) that is less than the strip body thickness (T1) and having a width (W2) of 0.5 mm to 5.0 mm.

No. of Pages : 51 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2104/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : NEW LOW SIDE EFFECT PHARMACEUTICAL COMPOSITION CONTAINING ANTITUBERCULOSIS DRUGS

(51) International classification :A61K31/496,A61K31/4409,A61K31/133
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2011/000688
Filing Date :20/04/2011
(87) International Publication No :WO 2012/142724
(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)YOUNG, Tonho
3)HSIONG, Chenghuei
4)CHANG, Wenliang
5)SHIH, Tungyuan
6)HO, Hsintien

(57) Abstract :

A pharmaceutical composition for treating tuberculosic diseases with no side effect /low side effect is provided by the present invention, which contains pharmaceutically effective amount of one or more compounds chosen from isoniazid, rifampin, pyrazinamide and ethambutol, and pharmaceutically effective amount of substances which can reduce the side effect of the antituberculosis agents.

No. of Pages : 83 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2214/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : PUMP DEVICES AND METHODS FOR USING THE SAME

(51) International classification	:F04F1/02
(31) Priority Document No	:61/425,340
(32) Priority Date	:21/12/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/066423
Filing Date	:21/12/2011
(87) International Publication No	:WO 2012/088239
(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)BOES Erwin
2)DE REGT Jeroen D.

(57) Abstract :

A simplified pump system may include a bellow having a suction valve, a stem, and a fluid lock wherein the product flow into and out of a pump chamber formed by the bellow and stem is controlled by the suction valve and fluid lock.

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

(54) Title of the invention : SPARK PLUG AND MANUFACTURING METHOD THEREFOR

(51) International classification :H01T13/32,H01T13/39
 (31) Priority Document No :2010-282507
 (32) Priority Date :20/12/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/073064
 Filing Date :06/10/2011
 (87) International Publication No :WO 2012/086292
 (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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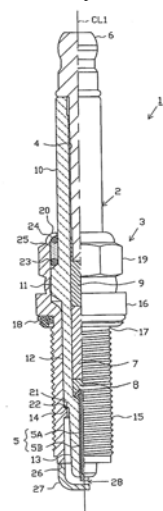
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(72)Name of Inventor :

1)KIKAI Takaaki**2)TANAKA Tomoo****3)SHIBATA Tsutomu****4)SUZUKI Kaori****5)KUNO Takehito**

(57) Abstract :

A spark plug (1) equipped with an insulator (2) having a shaft hole (4) running in the direction of the axis line (CL1), a central electrode inserted into the tip of the shaft hole (4), a main body metal fitting (3) provided on the outer periphery of the insulator (2), and a ground electrode (27) arranged at the tip of the main body metal fitting (3), with a spark discharge gap (28) formed between this ground electrode and the central electrode (5). The cross-sectional area of the ground electrode (27) at any cross section in a direction perpendicular to the central axis (CL2) of the ground electrode (27) is not more than 2.0 mm². The ground electrode (27) is formed with a metal containing at least 93 mass% of Ni, and the Vickers hardness of the ground electrode (27) is 130-260 Hv. Thus, it is possible to improve both the deformation resistance and the wear resistance of the ground electrode in a spark plug having a relatively slender ground electrode.



No. of Pages : 39 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2115/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : ELECTROSURGICAL INSTRUMENT

(51) International classification :A61B18/14,A61B18/18,A61B17/32
(31) Priority Document No :1100443.9
(32) Priority Date :11/01/2011
(33) Name of priority country:U.K.
(86) International Application No :PCT/GB2012/050035
Filing Date :09/01/2012
(87) International Publication No :WO 2012/095654
(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 :The Granary, Manor Farm, Stratton on the Fosse, Radstock, Bath and North East Somerset BA3 4QF U.K.

(72)Name of Inventor :

1)HANCOCK, Christopher Paul

(57) Abstract :

A vessel sealing instrument (230) having an instrument tip that comprises a pair of opposing clamping members (232,234) movable to clamp a vessel (236) to be sealed. The clamping members include an energy delivery structure capable of delivering localised radiofrequency (RF) electromagnetic (EM) energy and microwave EM energy separately or simultaneously into the vessel. The RF EM energy and the microwave EM energy are received in the energy delivery structure from a coaxial cable (242). Each energy delivery structure comprises first and second conductive elements separated by a planar dielectric layer. The first and second conductive elements are arranged at the opposed surface of the respective clamping member to act as active and return electrodes to transfer RF EM energy into biological tissue by conduction, and as an antenna to radiate microwave EM energy into biological tissue from the opposed surface.

No. of Pages : 43 No. of Claims : 17

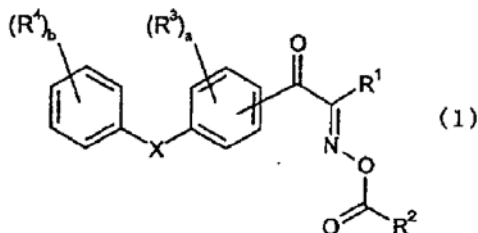
(54) Title of the invention : OXIME ESTER COMPOUND AND PHOTOINITIATOR CONTAINING SAID COMPOUND

(51) International classification :C07C323/47,C07C323/62,G02B5/20
 (31) Priority Document No :2011-067406
 (32) Priority Date :25/03/2011
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2012/052775
 Filing Date :07/02/2012
 (87) International Publication No :WO 2012/132558
 (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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 Tokyo 1168554 JAPAN
 (72)Name of Inventor :
1)MURATA, Kiyoshi
2)OISHI, Takeo
3)KIMIJIMA, Koichi

(57) Abstract :

An oxime ester compound represented by general formula (1) [wherein R1 to R4 are each OR11, COOR11, or the like; R11 is a hydrogen atom, a C1-20 alkyl group, a C6-30 aryl group, a C7-30 arylalkyl group, or a C2-20 heterocyclic group, the hydrogen atoms of these groups being optionally replaced by -CR21=CR22R23, -CO-CR21=CR22R23, -O-CO-CR21=CR22R23, or the like (wherein R21 to R23 have the same meanings as defined above for R11); X is a sulfur atom, NR33 (wherein R33 is a hydrogen atom, a C1-20 alkyl group, or the like), or the like; a is an integer of 0 to 4; b is an integer of 1 to 5; and at least one of the R4 moieties is a group having -CR21=CR22R23, -CO-CR21=CR22R23, -O-CO-CR21=CR22R23 or the like].



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

(54) Title of the invention : METHOD FOR GENERATING A CONTRAST MEDIUM-ASSISTED X-RAY IMAGE AND X-RAY SYSTEM

(51) International classification :A61B6/00,A61B6/06,A61K49/04
 (31) Priority Document No :10 2011 009 147.5
 (32) Priority Date :18/01/2011
 (33) Name of priority country :Germany
 (86) International Application No :PCT/DE2012/000041
 Filing Date :17/01/2012
 (87) International Publication No :WO 2012/097801
 (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)Michael GRASRUCK
2)Gregor JOST

(57) Abstract :

The invention relates to a method for generating at least one x-ray image of a patient (P) having incorporated contrast medium, using x-rays having an energy spectrum and an x-ray detector, the energy spectrum used being modified by at least one first filter (3) arranged in the beam path (7) in front of the patient (P), the patient (P) absorbing a dose in order to generate detector data for the x-ray image and the x-ray image having a CNR value which represents the ratio of the maximum contrast in the image to the noise. According to the invention, the energy spectrum and contrast medium are matched to each other, taking into account the thickness of the patient (P) to be x-rayed, by means of an additional filter (1), in such a way that an optimization criterion which is taken from an x-ray image that is generated or simulated by means of trials is maximized. Furthermore, the invention also relates to an x-ray system (C1) for generating at least one x-ray image of a patient (P) with incorporated contrast medium by carrying out the above-described method, and to the application of the x-ray system in various examinations.

No. of Pages : 59 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2223/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : CIRCUIT ARRANGEMENT FOR DETECTING AND DIGITIZING AN ANALOG INPUT SIGNAL,AND FIELD DEVICE FOR PROCESS INSTRUMENTATION

(51) International classification :H03M1/08,G01D3/036,H03M1/06
(31) Priority Document No :102011003306.8
(32) Priority Date :28/01/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/051082
Filing Date :25/01/2012
(87) International Publication No :WO 2012/101144
(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)Patrick BALLE
2)Eric CHEMISKY

(57) Abstract :

The invention relates to a circuit arrangement for detecting and digitizing an analog input signal (1) and to a field device for process instrumentation, said field device comprising such a circuit arrangement. The circuit arrangement has a first electronics unit (2), a second electronics unit (3), and an interface (4) by means of which the two electronics units are galvanically separated from each other. A first signal (7) of a first frequency is generated in the second electronics unit (3), said signal being transmitted to the first electronics unit (2) via a transformer (8) in order to generate the auxiliary energy needed for operation and in order to provide a reference frequency. A voltage-frequency converter (13), to which the analog input signal (1) is routed, uses the reference frequency in order to generate a second signal (14) of a second frequency that corresponds to the level of the analog input signal (1). After the second signal (14) has been transmitted to the second electronics unit (3) using an optical coupler (15), a ratiometric measurement of the second frequency is carried out in said second electronics unit dependent on the first frequency using a capture timer (16). The invention has the advantage that energy and the reference frequency are transmitted simultaneously via the transformer (8), an expensive analog/digital transducer is not necessary, and owing to the ratiometric frequency measurement, a potential inexact clock of a microcontroller (5) does not affect the precision of the measurement.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2117/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR IMPROVING FUEL EFFICIENCY

(51) International classification	:F02B35/00
(31) Priority Document No	:61/420,071
(32) Priority Date	:06/12/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/063576
Filing Date	:06/12/2011
(87) International Publication No	:WO 2012/078660
(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)ERAMIAN, Edward Richard

(57) Abstract :

Devices and methods for improving fuel efficiency are disclosed herein. According to aspects illustrated herein, there is provided a device for improving fuel efficiency of a combustion engine. The device may include a housing for attachment to an exhaust pipe of a combustion engine and having a pathway extending therethrough. The device may further include a wound body disposed at a distal portion of the housing and designed to permit fluid from the exhaust pipe flowing along the housing to flow through the wound body. In addition, the device may include a barrier positioned within the pathway downstream from the wound body so as to generate a sufficient back pressure along the exhaust pipe to enhance piston stroke efficiency in the combustion system, resulting in an increase in fuel efficiency of the combustion engine.

No. of Pages : 26 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2118/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : DEVICE AND METHOD FOR HANDLING DRILL STRING COMPONENTS, AS WELL AS ROCK DRILLING RIG

(51) International classification	:E21B19/15
(31) Priority Document No	:1001245-8
(32) Priority Date	:30/12/2010
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2011/051452
Filing Date	:30/11/2011
(87) International Publication No	:WO 2012/091657
(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)GUSTAFSSON, Anders
2)GÖRANSSON, Olof
3)GELLERHED, Lars

(57) Abstract :

A handling device for handling drill string components (8, 8 , 8) in a rock drilling rig (1), wherein the handling device includes a gripper unit (11) for gripping drill string components (8, 8 , 8) to be put into and be brought out from the rock drilling rig, and wherein the gripper unit (11) includes grippers (12,13,14) operational for gripping components positioned in a gripping position, which defines a grip position axis (G). The gripper unit (11) is supported swingable between: a) a first position, wherein the gripper unit is positioned for engagement with an end portion of a first drill string component (8) and an end portion of a second drill string component (8) in and aligned with said active drill string position (A), and b) a second position, wherein a gripper unit (11) is positioned for engagement with an end portion of a drill string component in a delivering position for drill string components that are to be brought into respectively taken away from said active drill string position (A). The invention also concerns a rock drilling rig and a method.

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

(54) Title of the invention : MEMBER WITH CONCAVE PORTION AND METHOD FOR MANUFACTURING SAME

(51) International classification :B41N1/06,B41C1/00,B41C1/18
 (31) Priority Document No :2011-028634
 (32) Priority Date :14/02/2011
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2012/053315
 Filing Date :14/02/2012
 (87) International Publication No :WO 2012/111637
 (61) Patent of Addition to
 Application Number :NA
 Filing Date :NA
 (62) Divisional to Application
 Number :NA
 Filing Date :NA

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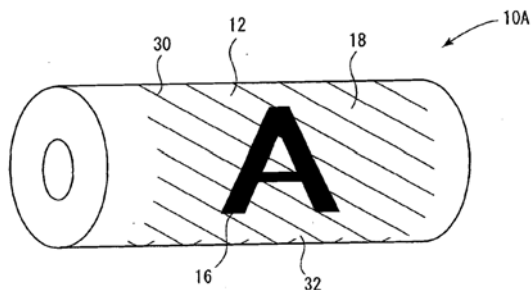
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(72)Name of Inventor :

1)SHIGETA, Tatsuo

(57) Abstract :

Provided are a member with a concave portion and a method for manufacturing the same which overcome a problem of print soiling. In the member with the concave portion having a printing portion on which a large number of concave portions are formed and a non-printing portion on which the concave portion is not formed on a surface thereof, the surface is brought into contact with a cohesive material to accumulate the cohesive material in the concave portions, and a doctor blade is caused to horizontally stick up on the surface and move relatively, thereby scraping out an extra cohesive material on the surface. The member with the concave portion includes a base member having the printing portion on which a large number of concave portions are formed and the non-printing portion on which the concave portion is not formed on a surface thereof and a DLC cover film formed so as to cover the printing portion and the non-printing portion, and the DLC cover film is polished, thereby forming a plurality of polished traces at an inclined angle other than 0 degree and 90 degrees with respect to a virtual extended line when the doctor blade is caused to horizontally stick up on the surface.



No. of Pages : 35 No. of Claims : 24

(54) Title of the invention : METHOD AND DEVICE FOR PRODUCING PIPE MEMBER

(51) International classification :B29C45/00,B29C45/26,B29K105/06
 (31) Priority Document No :2011-162772
 (32) Priority Date :26/07/2011
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2012/068548
 Filing Date :17/07/2012
 (87) International Publication No :WO 2013/015232
 (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)EZURE Kazuhiro
2)MOTONAGA Masao
3)MIEDA Naoya

(57) Abstract :

The purpose of the present invention is to provide a method for producing a pipe member that enables the thickness of a product to be made as thin as possible without complicating a device, and that enables the required quantity of thermoplastic material to be minimized. In order to achieve this purpose, the present invention provides a method for producing a pipe member which comprises a thermoplastic material filling process in which a mold is filled with a thermoplastic material, and a thermoplastic material discharge process in which portions of the thermoplastic material inside the mold that have not yet solidified are extruded with a pressurized fluid, and is characterized in that: the thermoplastic material is obtained by kneading foaming agents; and a process for causing the thermoplastic material, which is packed into the mold, to foam, is provided, and the thermoplastic material discharge process involves extruding the central portion of the thermoplastic, which is foaming in the mold, with a pressurized fluid before said portions solidify.

No. of Pages : 32 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2128/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : HOOD INNER PANEL

(51) International classification	:B62D25/10
(31) Priority Document No	:2010-270390
(32) Priority Date	:03/12/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/077334
Filing Date	:28/11/2011
(87) International Publication No	:WO 2012/073870
(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)KABUSHIKI KAISHA KOBE SEIKO SHO
(72)**Name of Inventor :**
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2)Masatoshi YOSHIDA

(57) Abstract :

A hood inner panel (5) of the present invention comprises: an inner panel main body (5a) forming part of a vehicle hood (1); a front bead (7) disposed on the inner panel main body (5a) and extending in the vehicle width direction; and a rear bead (9) disposed on the inner panel main body (5a), positioned behind the front bead in the vehicle width direction, and extending in the vehicle width direction. The front bead (7) is curved in such a way that a vehicle-width-direction center section (7a) is disposed further toward the vehicle front side than both vehicle-width-direction side end sections (7b), and the rear bead (9) is curved in such a way that a vehicle-width-direction center section (9a) is disposed further toward the vehicle rear side than both vehicle-width-direction side end sections (9b).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2129/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : SEALING PROPYLENE COPOLYMER

(51) International classification:C08L23/14,C08F297/08,C08J5/18

(31) Priority Document No :11154317.9

(32) Priority Date :14/02/2011

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2012/051993

Filing Date :07/02/2012

(87) International Publication No :WO 2012/110351

(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)REICHELT, Kristin

2)RESCONI, Luigi

3)PAAVILAINEN, Juha

(57) Abstract :

Propylene copolymer composition comprising a propylene copolymer (A) having a comonomer content in the range of equal or more than 0.5 to equal or below 2.0 wt.-%, the comonomers are C5 to C12 α -olefins, and a propylene copolymer (B) having a comonomer content in the range of equal or more than 4.0 to equal or below 10.0 wt.-%, the comonomers are C5 to C12 α -olefins, wherein further the propylene copolymer composition has a comonomer content in the range of equal or more than 3.5 to equal or below 7.0 wt.-%, the comonomers are C5 to C12 α -olefins, and the weight ratio of the propylene copolymer (A) to the propylene copolymer (B) is in the range of 20/80 to below 55/45.

No. of Pages : 42 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2230/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/07/2013

(43) Publication Date : 22/11/2013

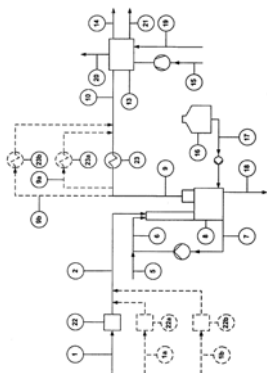
(54) Title of the invention : METHOD FOR TREATING PROCESS WATER FROM A PLANT FOR THE HYDROTHERMAL CARBONISATION OF RENEWABLE RAW MATERIALS AND ORGANIC RESIDUES

(51) International classification :C10L9/08,C02F9/00
(31) Priority Document No :10 2011 009 775.9
(32) Priority Date :28/01/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/000375
Filing Date :27/01/2012
(87) International Publication No :WO 2012/100954
(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)WITTMANN, Tobias

(57) Abstract :

The invention relates to a method for treating process water that accumulates in a plant for the hydrothermal carbonisation of renewable raw materials and organic residues by evaporating the process water, condensing the scrubbed process steam and by biologically treating the process steam condensate as a partial quantity or optionally as the total quantity of the waste water discharged from an HTC plant.



No. of Pages : 26 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2231/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : POWER CONVERSION APPARATUS

(51) International classification :H02P6/16,H02M7/48,H02P6/10

(31) Priority Document No :2011-007775

(32) Priority Date :18/01/2011

(33) Name of priority country :Japan

(86) International Application No:PCT/JP2011/007364

Filing Date :28/12/2011

(87) International Publication No :WO 2012/098628

(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)OGAWA Takurou

2)SEKIMOTO Morimitsu

(57) Abstract :

A power conversion apparatus is provided with a conversion unit (20) that converts power coming from the side of an AC power-supply (6) into AC power having a prescribed frequency, using the switching functions of a plurality of switching elements (Sr, Ss, St, Su, Sv, Sw, Sx, Sy, Sz), and outputs the converted AC power to a motor (5). The power conversion apparatus is also provided with a control unit (40) that conducts a torque-control operation such that the output torque of the motor (5) will include therein a power-supply pulsating component, which is a pulsating component having a frequency that is an integer multiple of the frequency of the output of the AC power-supply (6), and such that the output torque will fluctuate in accordance with fluctuations in the load-torque of the motor (5). The control unit (40) also obtains the peak current value when the timings of the peak of the power-supply pulsating component and the peak of the fluctuating component of the load-torque coincide or roughly coincide, and reduces the fluctuating range of the output torque so that the peak current value will not exceed a prescribed upper-limit value.

No. of Pages : 52 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2232/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : BIO SUPER VEGETABLE GARDENS (BSVG)

(51) International classification	:C05D9/00,C05G1/00	(71)Name of Applicant :
(31) Priority Document No	:2011010144	1)MANSOUR, Rawya Lofty,
(32) Priority Date	:23/01/2011	Address of Applicant :Le Victoria, 13 Bd Princesse Charlotte
(33) Name of priority country	:Egypt	98000 Monaco, MONACO
(86) International Application No	:PCT/EG2011/000004	(72)Name of Inventor :
Filing Date	:22/03/2011	1)MANSOUR Rawya Lofty
(87) International Publication No	:WO 2012/097827	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The Objective of this invention Bio Super Vegetable Gardens is to obtain the highest bio- productivity of some cash vegetables crops per unit area by planting them utilizing a friendly environment technology, through the addition of organic waste to the soil, e.g. plant wastes (rice straw and compost) and animal wastes (chicken manure), Bentonite or Biochar, Mixture of natural minerals, bio-polymers and efficient micro-organisms (EM). Thus, improving its chemical, physical and biological soil properties and hence increasing its productivity. Furthermore, the soil is surrounded with plastic sheet to keep essential nutrients and water from leakage. After that, the Gardens are cultivated with 4 rotation cycle by different kinds of vegetables. This technology yields a 40% higher output and saving 60% of irrigation water, compared to traditional untreated soils.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2233/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : PACKAGE CONTAINING A MEDICAL PRODUCT FOR TREATING CARTILAGE DAMAGE IN HUMANS OR ANIMALS

(51) International classification :A61J1/03,A61J1/10
(31) Priority Document No :10 2011 002 536.7
(32) Priority Date :11/01/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/050314
Filing Date :10/01/2012
(87) International Publication No :WO 2012/095426
(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)KÖNIG, Silke

2)BLENDER, Bernd

(57) Abstract :

The invention relates to packaging (100; 200), particularly of a bag-type design, containing a medical product (120; 220) particularly for use in the regenerative treatment of cartilage damage in humans or animals, said packaging having a component (105; 205) that is preferably in the shape of a port, for filling the packaging (100; 200) with a liquid, preferably a liquid that contains cells.

No. of Pages : 40 No. of Claims : 21

(54) Title of the invention : PANEL

(51) International classification	:E04F15/02,F16B5/00	(71)Name of Applicant :
(31) Priority Document No	:10 2011 009 746.5	1)AKZENTA PANELEE + PROFILE GMBH
(32) Priority Date	:28/01/2011	Address of Applicant :Werner-von-Siemens-Str. 18-20, 56759
(33) Name of priority country	:Germany	Kaisersesch, GERMANY
(86) International Application No	:PCT/EP2012/051139	(72)Name of Inventor :
Filing Date	:25/01/2012	1)HANNIG, Hans-Jürgen
(87) International Publication No	:WO 2012/101171	
(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 panel (1, 1) comprising an upper side (4, 4), an underside (12, 12), a basic body (9, 9), complementary locking means, which are provided in pairs on mutually opposite panel edges, at least one pair of locking means having hook profiles (H), that is to say a receiving hook (7) and, opposite the latter, an arresting hook (8), with the proviso that the receiving hook, remote from the basic body, has a hook periphery (10) and, in the vicinity of the basic body, has a receiving recess (11), wherein the receiving recess is open towards the upper side, that the arresting hook is provided with an arresting recess (13), arranged in the vicinity of the basic body and open towards the underside, and has an arresting shoulder (14), which is remote from the basic body and fits, in the vertical joining direction (T), into the receiving recess (11) of the receiving hook (7), that the arresting hook (8) has a transverse-joint surface (15), which is remote from the basic body, and, likewise remote from the basic body, a vertically acting arresting contour (16), that the receiving hook (7) has a transverse-joint surface (17), in the vicinity of the basic body and, likewise in the vicinity of the basic body, a form-fitting contour (18), which form fits with the arresting contour (16) of the arresting hook, said contour being remote from the basic body, in order to effect locking in a direction perpendicular to the plane along which the panels are mounted, that the arresting hook (8), in the vicinity of the basic body, has a horizontal locking surface (19) on its arresting shoulder (14), that the receiving hook (7), remote from the basic body, has a horizontal locking surface (20) in the receiving recess (11), that the receiving hook (7) contains a receiving opening (21), through which the arresting shoulder (14) can be introduced, substantially in the joining direction (T), into the receiving recess (11), wherein the arresting shoulder (14) and the receiving opening (21) are configured such that the shoulder end, during a joining movement without any elastic deformation of the hook profiles (H), in the first instance fits into the receiving opening (21) to the extent where the horizontal locking surface (19) of the arresting hook (8) has part of its surface coming into contact with the horizontal locking surface (20) of the receiving hook (7).

No. of Pages : 32 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/07/2013

(21) Application No.2242/KOLNP/2013 A

(43) Publication Date : 22/11/2013

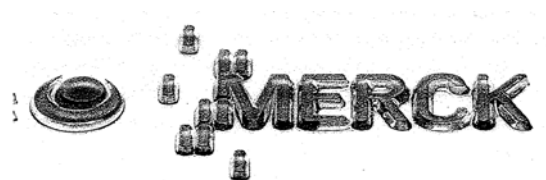
(54) Title of the invention : METHOD FOR STRUCTURING A FLEXOGRAPHIC PRINTING FORME

(51) International classification :G03F7/20
(31) Priority Document No :10 2010 054 527.9
(32) Priority Date :15/12/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/005802
Filing Date :17/11/2011
(87) International Publication No :WO 2012/079672
(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)CLAUTER, Peter
3)GROPE, Dirk

(57) Abstract :

The present invention relates to a process for the structuring of a flexographic printing plate, in particular for the production of a structure in the relief layer of a flexographic printing plate, to a structured flexographic printing plate produced by this process, and to the use thereof.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2243/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : ADJUSTING DRIVE AS WELL AS A METHOD TO PRODUCE AN ADJUSTING DRIVE

(51) International classification :F16H25/20,H02K7/00
(31) Priority Document No :10 2011 000 972.8
(32) Priority Date :28/02/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/052606
Filing Date :15/02/2012
(87) International Publication No :WO 2012/116892
(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)PHILIP, Tony
4)POCZIK, Tamas

(57) Abstract :

The invention relates to an adjusting drive, in particular for a steering column adjuster or a vehicle seat of a motor vehicle, and to a method for producing an adjusting drive. To provide an adjusting drive in which an axial play of the output shaft is reliably and permanently compensated, it is provided that the compensating element (5) for ensuring the axially play-free arrangement of the output shaft (4) is connected, in its operating position, to the housing (2) by means of ultrasound welding.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2244/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : FLOATING OR SUBMERGING DEVICE WITH AN ELECTROLYZER

(51) International classification	:B63G8/08,B63H23/24	(71)Name of Applicant :
(31) Priority Document No	:102011002975.3	1)SIEMENS AKTIENGESELLSCHAFT
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(33) Name of priority country	:Germany	GERMANY
(86) International Application No	:PCT/EP2011/072705	(72)Name of Inventor :
Filing Date	:14/12/2011	1)Joachim HOFFMANN
(87) International Publication No	:WO 2012/097925	2)Eberhard BECKER
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A floating or submerging device (1), in particular an above-water or underwater vessel, with fuel cells (10) for generating electrical energy for electrical consumers (11, 13) on board the device (1), wherein the fuel cells can be operated with hydrogen as fuel, has according to the invention an electrolyser (20) for generating hydrogen for the fuel cells (10) by electrolysis of water using electrical energy and a hydrogen accumulator (21) for storing the hydrogen generated by the electrolyser (20) before it is fed to the fuel cells (10). In this way it is possible for the fuel cells to be supplied with hydrogen, and if need be also with oxygen, without any emissions and with little noise even under operating conditions independently of outside air, directly on board the floating or submerging device and with little space requirement.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2245/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF THREE-DIMENSIONAL PATTERNS IN COATINGS

(51) International classification :B44C1/24,B44F1/14,B44F7/00
(31) Priority Document No :10 2010 054 528.7
(32) Priority Date :15/12/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/005804
Filing Date :17/11/2011
(87) International Publication No :WO 2012/079674
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
1)MERCK PATENT GMBH
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Darmstadt, GERMANY
(72)Name of Inventor :
1)Peter CLAUTER
2)Thomas GOETZ

(57) Abstract :

The present invention relates to a process for the production of three-dimensional patterns in coatings which comprise flake-form effect pigments, to patterned coatings produced thereby and to the use thereof in decoration and security products.

No. of Pages : 36 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2246/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : RESISTIVE VOLTAGE DIVIDER MADE OF A RESISTIVE FILM MATERIAL ON AN INSULATING SUBSTRATE

(51) International classification :H01C7/00,G01R15/04
(31) Priority Document No :11001578.1
(32) Priority Date :25/02/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/000781
Filing Date :23/02/2012
(87) International Publication No :WO 2012/113559
(61) 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

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GERMANY

(72)Name of Inventor :

1)HOZOI, Adrian

2)DISSELNKÖTTER, Rolf

(57) Abstract :

A resistive voltage divider comprises at least a first (4) and a second (5) resistor, which are electrically connected in series and are made of a resistive film material (1) which is applied in form of a trace onto an insulating substrate (2). The divider s voltage ratio has a value between ten and one million. In order to improve the accuracy of the voltage divider, the at least first (4) and second (5) resistors are made of the same resistive film material (1), have a trace length above a corresponding specific trace length and have approximately the same trace width.

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

(54) Title of the invention : RESISTIVE STRUCTURE AND RESISTIVE VOLTAGE DIVIDER ARRANGEMENT

(51) International classification :H01C7/00,H01C7/22,H01C17/065
 (31) Priority Document No :EP11001582.3
 (32) Priority Date :25/02/2011
 (33) Name of priority country :EPO
 (86) International Application No :PCT/EP2012/000818
 Filing Date :25/02/2012
 (87) International Publication No :WO 2012/113575
 (61) 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

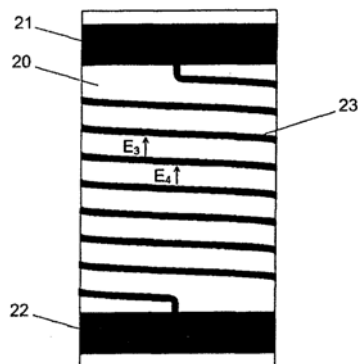
Address of Applicant :Kallstadter Str. 1, 68309 Mannheim, GERMANY

(72)Name of Inventor :

1)HOZOI, Adrian**2)DISSELNKÖTTER, Rolf****3)PAVLAS, Marek**

(57) Abstract :

The invention relates to a resistive structure with an improved electric field profile deposited on the surface of a cylindrical insulating substrate (20), whereas at least one resistive path or trace (23,33,43,54,64) is provided with a shape looking like a helix and is directly printed on the surface of the insulating substrate (20,30,40,50,60). Furthermore, a resistive voltage divider is claimed comprising at least a first and a second resistor electrically connected in series, where each resistor is made of one or more traces (23,33,43,54,55,64,65) of electrically resistive film material applied onto a cylindrical insulating substrate (20,30,40,50,60) and wherein at least one of the traces is shaped like a helix and is applied onto the substrate (20,30,40,50,60) by direct printing.



No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2148/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : FLAME ARRESTER

(51) International classification :A62C4/00
(31) Priority Document No :10 2010 056 590.3
(32) Priority Date :30/12/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2011/002051
Filing Date :29/11/2011
(87) International Publication No :WO 2012/089187
(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)HELMTSEN Frank

(57) Abstract :

A flashback preventer with a cylindrical flame trap (8, 8 , 21) which is installed in a wall (6, 6), separating an at-risk region (13) from an external region (15), and has a cross sectional surface area containing a plurality of throughflow gaps and a height determining the length of the throughflow gaps and an underside (9) directed towards the at-risk region (13), and an upper side (16) directed towards the external region (15), can be formed with a low mass and high energy-dissipation efficiency in that the flame trap (8, 8 , 21) is inserted into an opening (7, 7) in the wall (6, 6), said opening corresponding to the cross-sectional surface areas of the flame trap (8, 8 , 21), and has at least a fifth of its height projecting beyond the wall (6, 6) into the external region (15).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2149/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : EXPLOSION-PROOF DEVICE

(51) International classification :G01D11/24,G01F15/14
(31) Priority Document No :10 2011 010 799.1
(32) Priority Date :09/02/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/000545
Filing Date :07/02/2012
(87) International Publication No :WO 2012/107208
(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)LEHMKUHL, Jürgen

2)ANGERSTEIN, Peter

3)SCHULZE, Sebastian

4)WEGEMANN, Uwe

(57) Abstract :

Described and depicted is an explosion proof apparatus (1) comprising a pressure-resistant capsule (2), an electronic device (3), and a signal reception device (4), the electronic device (3) being designed to be intrinsically safe, the pressure-resistant capsule (2) having a radiation-permeable process window (5), and the signal reception device (4) being arranged inside the pressure-resistant capsule (2). In order to design an inexpensive explosion-proof apparatus (1) that can be used in a flexible manner, the electronic device (3) is arranged inside the pressure-resistant capsule (2), and the signal reception device (4) is designed to be intrinsically safe.

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

(54) Title of the invention : RESISTIVE VOLTAGE DIVIDER WITH IMPROVED PHASE ACCURACY

(51) International classification :G01R15/04,H01C1/16,H01C13/02
 (31) Priority Document No :11001579.9
 (32) Priority Date :25/02/2011
 (33) Name of priority country :EPO
 (86) International Application No :PCT/EP2012/000780
 Filing Date :23/02/2012
 (87) International Publication No :WO 2012/113558
 (61) 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

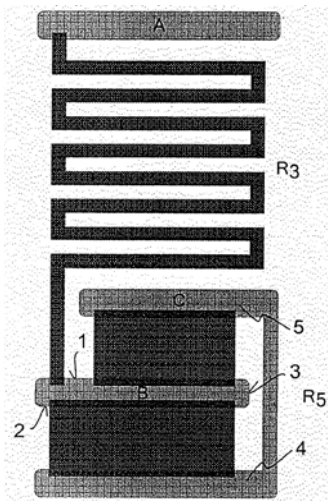
Address of Applicant :Kallstadter Str. 1, 68309 Mannheim, GERMANY

(72)Name of Inventor :

1)HOZOI, Adrian**2)DISSELNKÖTTER, Rolf**

(57) Abstract :

A resistive voltage divider comprises at least a first and a second resistor electrically connected in series. Each of the resistors is made of an electrically resistive film material and applied in form of a trace onto an insulating substrate. The divider's voltage ratio has a value between one hundred and one million, the two ends of the trace of the second resistor overlap at least in part with a first (B) and a second (C) contacting terminal, respectively, and the two ends of the trace of the first resistor overlap at least in part with the first (B) and a third (A) contacting terminal, respectively. In order to decrease the parasitic capacitance between the first contacting terminal (B) and the third contacting terminal (A), the second contacting terminal (C) is placed with at least a screening part (5, 7; 16; 11, 14) between the first (B) and the third (A) contacting terminals.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2260/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :15/07/2013

(43) Publication Date : 22/11/2013

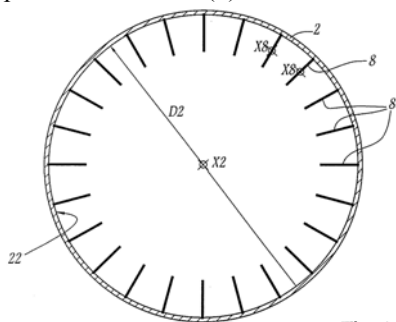
(54) Title of the invention : CURVED CONDUIT PERTAINING TO A HYDRAULIC MACHINE, DISTRIBUTION GROUP FOR PELTON TURBINE WHEEL, AND HYDRAULIC MACHINE

(51) International classification :F03B3/18,F03B1/00,F15D1/04
(31) Priority Document No :1150384
(32) Priority Date :18/01/2011
(33) Name of priority country :France
(86) International Application No :PCT/EP2012/050605
Filing Date :17/01/2012
(87) International Publication No :WO 2012/098095
(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)FOGGIA, Théophile
2)HOUELINE, Jean-Bernard

(57) Abstract :

The invention relates to a curved conduit (2) pertaining to a hydraulic machine, for channeling a flow. Said curved conduit (2) is provided with fins (8) that are fixed to its inner wall (22) and comprise openings.



No. of Pages : 15 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2261/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :15/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : ISOLATION VALVE WITH FAST DEPRESSURIZATION FOR HIGH-PRESSURE FUEL TANK

(51) International classification :F02M25/08,B60K15/035,F16K39/02
(31) Priority Document No :13/011,511
(32) Priority Date :21/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/000079
Filing Date :20/01/2012
(87) International Publication No :WO 2012/098460
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)EATON CORPORATION,
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(72)Name of Inventor :
1)PIFER Daniel, Lee

(57) Abstract :

An isolation valve (20) includes a flow restrictor (50) disposed in a passage (56) and having a piston (52) with a first orifice (49) and a depressurization valve (50a) with a second orifice (50b). The valve (20) also includes a solenoid valve assembly (40) having a coil (46) that is selectively energized by a signal from a controller (14) and an armature (42) that is moveable between first and second positions to open and close the first orifice (49) and/or the second orifice (50b). When the coil (46) is energized, the armature (42) moves to the second position to allow vapor to flow through the first orifice (49), the depressurization valve (50a) selectively opens to allow vapor to flow through the first orifice (49), the second orifice (50b), or both. The two orifices (49, 50b) work together to provide controlled vapor flow.

No. of Pages : 20 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2150/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : ABSORBENT ARTICLE PACKAGE AND METHOD FOR FOLDING ABSORBENT ARTICLE PACKAGES

(51) International classification :A61F13/15,A61F13/472
(31) Priority Document No :2010-290079
(32) Priority Date :27/12/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/080222
Filing Date :27/12/2011
(87) International Publication No :WO 2012/091016
(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 :182, Shimobun, Kinsei-cho,
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(72)Name of Inventor :
1)KATO, Nobuyuki
2)KASHIWAGI, Masahiro
3)TAMURA, Tatsuya
4)KITAGAWA, Masashi

(57) Abstract :

The absorbent article package (100) is individually wrapped by folding a wrapping sheet (70) and an absorbent article (1) with the absorbent article (1) disposed on the wrapping sheet (70). When the absorbent article package (100) is in a form such that the individually wrapped absorbent article (1) is unfolded, first creases (FS) that fold toward the surface sheet (10) and second creases (FR) that fold toward the reverse surface sheet (20) are formed contiguously on the wrapping sheet (70) and the absorbent article (1) in the longitudinal direction.

No. of Pages : 29 No. of Claims : 8

(54) Title of the invention : EXPANSION TURBINE

(51) International classification :F01D25/16,F02C6/12,F02C7/06
 (31) Priority Document No :MI2011A000001
 (32) Priority Date :04/01/2011
 (33) Name of priority country :Italy
 (86) International Application No :PCT/IB2011/055694
 Filing Date :15/12/2011
 (87) International Publication No :WO 2012/093299
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)EXERGY S.P.A.

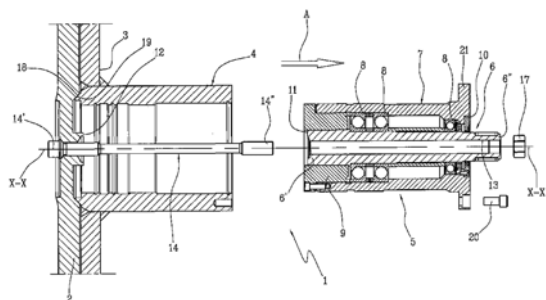
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(72)Name of Inventor :

1)SPADACINI, Claudio

(57) Abstract :

An expansion turbine, comprising: a case having an inlet and an outlet for a working fluid; at least one stator (3) installed inside the case; at least one rotor (2) installed inside the case and rotating around a respective revolution axis (X-X); a short pipe (4) constrained to the case; a mechanical unit (5) installed inside the short-pipe (4). The mechanical unit (5) comprises a bushing (7) and a shaft (6) rotatably installed inside the bushing (7). The shaft (6) is connected to the rotor (2) in removable manner and the whole mechanical unit (5) inclusive of the shaft (6) is extractable from the short-pipe (4) in a unitary form from the side opposite to said rotor (2). The rotor (2) is movable along the axial direction (X-X) between a first configuration, in which the mechanical unit (5) is installed inside the short-pipe (4) and the rotor (2) is spaced from the short-pipe (4), so that the working fluid can revolve it, and a second configuration, in which the mechanical unit (5) is extracted from the short-pipe (4) and the rotor (2) leans against the short-pipe (4) a static seal (18,19).



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2263/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :15/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : ENCODING AND DECODING OF SLOT POSITIONS OF EVENTS IN AN AUDIO SIGNAL FRAME

(51) International classification :G10L19/14

(31) Priority Document No :61/433,803

(32) Priority Date :18/01/2011

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

(86) International Application No :PCT/EP2012/050613

Filing Date :17/01/2012

(87) International Publication No :WO 2012/098098

(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)KUNTZ Achim

2)DISCH,Sascha

3)BAECKSTROEM,Tom

(57) Abstract :

An apparatus for decoding (10; 40; 60; 410), an apparatus for encoding (510), a method for decoding and a method for encoding positions of slots comprising events in an audio signal frame and respective computer programs and encoded signals, wherein the apparatus for decoding (10; 40; 60; 410) comprises: an analysing unit (20; 42; 70; 420) for analysing a frame slots number indicating the total of slots of the audio signal frame, an event slots number indicating the number of slots comprising the events of the audio signal frame, and an event state number, and a generating unit (30; 45; 80; 430) for generating an indication of a plurality of positions of slots comprising the events in the audio signal frame using the frame slots number, the event slots number and the event state number.

No. of Pages : 64 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2264/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :15/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : IRRIGATION PIPE COUPLER

(51) International classification	:F16L33/22
(31) Priority Document No	:61/452,118
(32) Priority Date	:13/03/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2012/050520
Filing Date	:04/02/2012
(87) International Publication No	:WO 2012/123827
(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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ISRAEL

(72)Name of Inventor :

1)KEREN, Ron

(57) Abstract :

An irrigation pipe coupler (10) can engage an open end of an irrigation pipe with its forward end. The coupler has a nipple (24) and an outer collar (20). The nipple has an outwardly projecting barb (38) and the collar surrounds the nipple and has an inwardly projecting bulge. The collar is slidably moved along the nipple between forward and rear terminal positions while being kept spaced radially outwardly from the nipple via a peripheral gap that is re- defined for each new position of the collar along the nipple. At each such new position the gap has a narrow region measured in the radial direction where the collar is closest to the nipple and the narrow region gets smaller at least during at least part of the forward movement of the collar along the nipple.

No. of Pages : 19 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2265/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :15/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : IRRIGATION VALVE

(51) International classification	:F16K7/17,F16K31/126
(31) Priority Document No	:61/469,110
(32) Priority Date	:30/03/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2012/050874
Filing Date	:26/02/2012
(87) International Publication No	:WO 2012/131503
(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)KEREN, Ron

(57) Abstract :

An irrigation valve has a liquid passage, a sealing diaphragm and a control port that can receive control signals. The sealing diaphragm is held in the valve in a non clamped manner and is adapted to seal the passage. Upon receipt of a control signal the sealing diaphragm bends and opens a path for liquid around the sealing diaphragm that can exit the valve.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2266/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :15/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : MULTI-FUNCTIONAL HAND-HELD DEVICE

(51) International classification	:G06F3/041
(31) Priority Document No	:60/658,777
(32) Priority Date	:04/03/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2006/008349
Filing Date	:03/03/2006
(87) International Publication No	: WO/2006/094308
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:3533/KOLNP/2007
Filed on	:19/09/2007

(71)Name of Applicant :

1)APPLE INC.

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(72)Name of Inventor :

1)HOTELLING, STEVEN, P

(57) Abstract :

A touch and force sensing apparatus is disclosed. The apparatus comprising a touch sensing mechanism configured for generating one or more touch signals when a plurality of objects contact the touch and force sensing apparatus at a plurality of touch locations at about a same time and a force sensing mechanism configured for generating one or more force signals when the plurality of objects contact the touch and force sensing apparatus at the plurality of locations at about the same time wherein the one or more touch signals and the one or more force signals include information for determining coordinates of the plurality of touch locations and a force distribution across the plurality of touch locations.

No. of Pages : 68 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/07/2013

(21) Application No.2267/KOLNP/2013 A

(43) Publication Date : 22/11/2013

(54) Title of the invention : INHIBITORS OF INFLUENZA VIRUSES REPLICATION

(51) International classification :C07D471/04,A61K31/4439,A61K31/506

(31) Priority Document No :61/423,933

(32) Priority Date :16/12/2010

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

(86) International Application No :PCT/US2011/065389

Filing Date :16/12/2011

(87) International Publication No :WO 2012/083122

(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)BANDARAGE, Upul K.

4)DENG, Hongbo

5)DAVIES, Ioana

6)DUFFY, John P.

7)FARMER, Luc J.

8)GAO, Huai

9)GU, Wenxin

10)KENNEDY, Joseph, M.

11)LEDEBOER, Mark, W.

12)LEDFOORD, Brian

13)MALTAIS, Francois

14)PEROLA, Emanuele

15)WANNAMAKER, Marion W.

16)WANG, Tiansheng

17)SALITURO, Francesco, G.

(57) Abstract :

Methods of inhibiting the replication of influenza viruses in a biological sample or patient, of reducing the amount of influenza viruses in a biological sample or patient, and of treating influenza in a patient, comprises administering to said biological sample or patient an effective amount of a compound represented by Structural Formula (I): or a pharmaceutically acceptable salt thereof, wherein the values of Structural Formula (I) are as described herein. A compound is represented by Structural Formula (I) or a pharmaceutically acceptable salt thereof, wherein the values of Structural Formula (I) are as described herein. A pharmaceutical composition comprises an effective amount of such a compound or pharmaceutically acceptable salt thereof, and a pharmaceutically acceptable carrier, adjuvant or vehicle.

No. of Pages : 171 No. of Claims : 60

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/07/2013

(21) Application No.2268/KOLNP/2013 A

(43) Publication Date : 22/11/2013

(54) Title of the invention : SUBSTITUTED N-(1H-INDAZOL-4-YL)IMIDAZO[1, 2-A]PYRIDINE-3-CARBOXAMIDE COMPOUNDS AS TYPE III RECEPTOR TYROSINE KINASE INHIBITORS

(51) International classification :C07D471/04,A61K31/437,A61P35/00
(31) Priority Document No :61/422,547
(32) Priority Date :13/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/064549
Filing Date :13/12/2011
(87) International Publication No :WO 2012/082689
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)ARRAY BIOPHARMA INC.

Address of Applicant :3200 Walnut, Boulder, Colorado 80301 U.S.A.

(72)Name of Inventor :

1)BOYS, Mark Laurence

2)DELISLE, Robert Kirk

3)HICKEN, Erik James

4)KENNEDY, April L.

5)MARESKA, David A.

6)MARMSATER, Fredrik P.

7)MUNSON, Mark C.

8)NEWHOUSE, Brad

9)RAST, Bryson

10)RIZZI, James P.

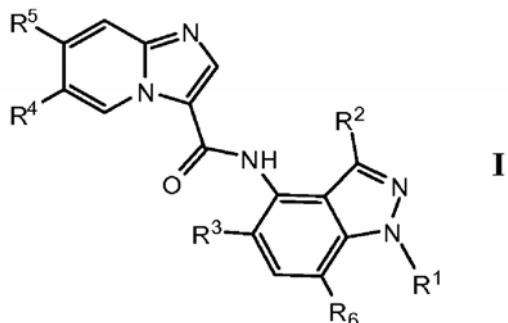
11)RODRIGUEZ, Martha E.

12)TOPALOV, George T.

13)ZHAO, Qian

(57) Abstract :

Compounds of Formula I: and pharmaceutically acceptable salts thereof in which R1, R2, R3, R4, R5 and R6 have the meanings given in the specification, are inhibitors of cFMS and are useful in the treatment of fibrosis, bone-related diseases, cancer, autoimmune disorders, inflammatory diseases, cardiovascular diseases, pain and burns in a mammal.



No. of Pages : 206 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2269/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :15/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : INHIBITORS OF INFLUENZA VIRUSES REPLICATION

		(71)Name of Applicant :
		1)VERTEX PHARMACEUTICALS INCORPORATED
		Address of Applicant :130 Waverly Street, Cambridge, MA
		02139 U.S.A.
		(72)Name of Inventor :
		1)CHARIFSON ,Paul, S.
		2)CLARK, Michael, P.
		3)BANDARAGE, Upul, K.
		4)DAVIES, Ioana
		5)DUFFY, John, P.
		6)GAO, Huai
		7)FENG, Jun
		8)LIANG, Jianglin
		9)KENNEDY, Joseph, M.
		10)LEDEBOER, Mark, W.
		11)LEDFORD, Brian
		12)MALTAIS, Francois
		13)PEROLA, Emanuele
(51) International classification	:C07D471/04,A61K31/16	
(31) Priority Document No	:61/423,943	
(32) Priority Date	:16/12/2010	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2011/065371	
Filing Date	:16/12/2011	
(87) International Publication No	:WO 2012/083117	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods of inhibiting the replication of influenza viruses in a biological sample or patient, of reducing the amount of influenza viruses in a biological sample or patient, and of treating influenza in a patient, comprises administering to said biological sample or patient an effective amount of a compound represented by Structural Formula (I): or a pharmaceutically acceptable salt thereof, wherein the values of Structural Formula (I) are as described herein. A compound is represented by Structural Formula (I) or a pharmaceutically acceptable salt thereof, wherein the values of Structural Formula (I) are as described herein. A pharmaceutical composition comprises an effective amount of such a compound or pharmaceutically acceptable salt thereof, and a pharmaceutically acceptable carrier, adjuvant or vehicle.

No. of Pages : 196 No. of Claims : 63

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2177/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : PHOSPHORIC ACID PRODUCTION GYPSUM FILTRATION FLOCCULANT PRE-DILUTION (MAKE DOWN) WITH POST-FILTRATION PHOSPHORIC ACID

(51) International classification :C07F9/08,B01D21/01,C07B61/00

(31) Priority Document No :12/984,331

(32) Priority Date :04/01/2011

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

(86) International Application No :PCT/US2012/020033

Filing Date :03/01/2012

(87) International Publication No :WO 2012/094286

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)NALCO COMPANY

Address of Applicant :1601 W. Diehl Road, Naperville, Illinois 60563-1198, U.S.A.

(72)Name of Inventor :

1)DAVIS, Ronald V.

2)MOSS, Wayne L.

3)STROMINGER, Michael G.

4)RENZELLO, Randon

5)FAIGL, Thomas A.

6)HAY, Daniel N. T.

(57) Abstract :

A method for minimizing the addition of water to a phosphoric acid production process is described. The method uses phosphoric acid to make down a flocculant that is added to the process in order to promote filtration or clarification of crude phosphoric acid. Preferably, the phosphoric acid is a crude, clarified phosphoric acid that is recycled from the phosphoric acid production process itself.

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2179/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : DISCHARGE VACUUM RELIEF VALVE FOR SAFETY VACUUM RELEASE SYSTEM

(51) International classification	:F04B49/06
(31) Priority Document No	:61/421,069
(32) Priority Date	:08/12/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/063936
Filing Date	:08/12/2011
(87) International Publication No	:WO 2012/078862
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)PENTAIR WATER POOL AND SPA, INC.
Address of Applicant :1620 Hawkins Avenue, Sanford, NC
27330 U.S.A.
(72)**Name of Inventor :**
1)ROBOL, Ronald B.
2)HRUBY Daniel J.
3)COLVIN, Johnathan Steven

(57) Abstract :

Embodiments of the invention provide a pumping system and a discharge vacuum relief valve for use in a hydraulic system including a safety vacuum release system pump to circulate water in a swimming pool and/or a spa. The hydraulic system includes one or more check valves located on a discharge side of the safety vacuum release system pump. The discharge vacuum relief valve is capable of venting a vacuum at the discharge side of the safety vacuum release system pump during a vacuum event at a suction side of the safety vacuum release system pump.

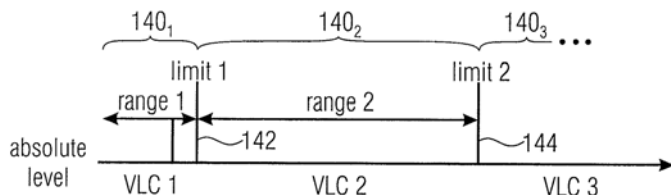
No. of Pages : 20 No. of Claims : 20

(54) Title of the invention : ENTROPY ENCODING AND DECODING SCHEME

(51) International classification	:H03M7/40,H04N7/26	(71)Name of Applicant :
(31) Priority Document No	:61/432,884	1)FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG
(32) Priority Date	:14/01/2011	DER ANGEWANDTEN FORSCHUNG E.V.,
(33) Name of priority country	:U.S.A.	Address of Applicant :Hansastrasse 27c, 80686 München,
(86) International Application No	:PCT/EP2012/050431	GERMANY
Filing Date	:12/01/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2012/095488	1)MARPE, Detlev
(61) Patent of Addition to Application	:NA	2)NGUYEN, Tung
Number	:NA	3)SCHWARZ, Heiko
Filing Date	:NA	4)WIEGAND, Thomas
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Decomposing a value range of the respective syntax elements into a sequence of n partitions with coding the components of z laying within the respective partitions separately with at least one by VCL coding and with at least one by PIPE or entropy coding is used to greatly increase the compression efficiency at a moderate coding overhead since the coding scheme used may be better adapted to the syntax element statistics. Accordingly, in accordance with embodiments, syntax elements are decomposed into a respective number n of source symbols s_i ; with $i=1\dots n$, the respective number n of source symbols depending on as to which of a sequence of n partitions (140 1-3) into which a value range of the respective syntax elements is sub- divided, a value z of the respective syntax elements falls into, so that a sum of values of the respective number of source symbols s_i yields z , and, if $n>1$, for all $i=1\dots n-1$, the value of S_i corresponds to a range of the i th partition.



No. of Pages : 138 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2293/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : A MOBILE COMMUNICATION SYSTEM

(51) International classification	:H04W52/02
(31) Priority Document No	:2009-108561
(32) Priority Date	:27/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/057085
Filing Date	:21/04/2010
(87) International Publication No	: WO/2010/125956
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:4449/KOLNP/2011
Filed on	:31/10/2011

(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)HAPSARI, WURI ANDARMAWANTI

2)TAKAHASHI, HIDEAKI

3)UMESH, ANIL

4)IWAMURA, MIKIO

5)ISHII, MINAMI

(57) Abstract :

A mobile communication system wherein the first relay node and the second relay node each comprise a physical layer function, an MAC layer function, an RLC layer function and a PDCP layer function. The first radio base station and the second radio base station each comprise a radio bearer function between the first relay node and the second relay node, a physical layer function, an MAC layer function and an RLC layer function, a PDCP layer function. A control signal relating to a handover process is configured to terminate between the X2AP layer function of the first relay node and the X2AP layer function of the first radio base station and between the X2AP layer function of the second relay node and the X2AP layer function of the second radio base station.

No. of Pages : 30 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2294/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : INDAZOLYL TRIAZOLE DERIVATIVES AS IRAK INHIBITORS

(51) International classification :C07D401/14,C07D403/04,C07D403/14
(31) Priority Document No :61/424,890
(32) Priority Date :20/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/073015
Filing Date :16/12/2011
(87) International Publication No :WO 2012/084704
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)MERCK SERONO S.A.
Address of Applicant :Centre industriel, CH-1267 Coinsins, SWITZERLAND,
(72)Name of Inventor :
1)JORAND-LEBRUN Catherine
2) CROSIGNANI Stefano
3) DORBAIS Jerome
4) GRIPPI-VALLOTTON, Tania
5) PRETRE Adeline

(57) Abstract :

Compounds of Formula (I) are used for the treatment of inflammation and autoimmune disorders.

No. of Pages : 384 No. of Claims : 15

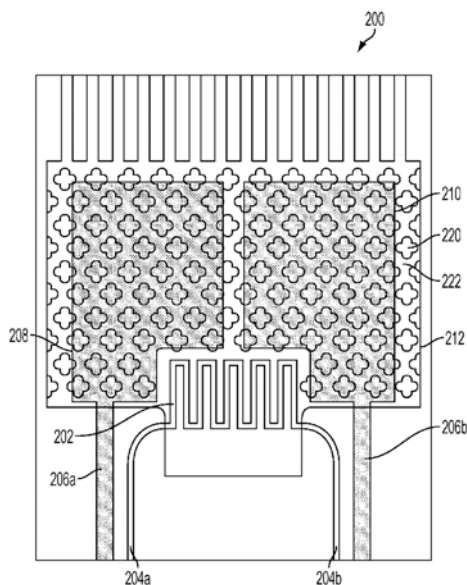
(54) Title of the invention : TRANSDERMAL SAMPLING AND ANALYSIS DEVICE

(51) International classification :G01N27/30,G01N27/416,A61B5/05
 (31) Priority Document No :61/421,982
 (32) Priority Date :10/12/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/063558
 Filing Date :06/12/2011
 (87) International Publication No :WO 2012/078650
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
1)FLEXIBLE MEDICAL SYSTEMS, LLC
 Address of Applicant :15601 Crabbs Branch Way, Rockville, Maryland 20855 U.S.A.
 (72)**Name of Inventor :**
1)CURRIE, John Frederick
2)MARCANIO, Joe
3)VIDALIS, Joseph
4)NADARAJAN, Sundar D.

(57) Abstract :

Transdermal sampling and analysis device, method and system are provided for non-invasively and transdermally obtaining biological samples from a subject and determining levels of analytes of the obtained biological samples. The transdermal sampling and analysis device, method and system may cause disruption to the skin cells to create capillary-like channels from which biological samples may flow to the transdermal sampling and analysis device. The transdermal sampling and analysis device, method and system may collect the biological samples in a reservoir where the biological sample may chemically react with a biologically reactive element. A sensor may convert the produced electrons (ions) into measured electrical signals. The converted signals may be measured and the levels of an analyte may be determined based on the measured signals.



No. of Pages : 85 No. of Claims : 108

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2185/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : INTERNAL RESISTANCE MEASUREMENT DEVICE AND METHOD FOR STACKED BATTERY

(51) International classification :G01R27/02,H01M2/10,H01M8/04
(31) Priority Document No :2010-275638
(32) Priority Date :10/12/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/075792
Filing Date :09/11/2011
(87) International Publication No :WO 2012/077450
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NISSAN MOTOR CO., LTD.
Address of Applicant :2, Takara-cho, Kanagawa-ku
Yokohama-shi, Kanagawa 221-0023, JAPAN
(72)Name of Inventor :
1)SAKAI Masanobu
2)KAMIHARA Tetsuya

(57) Abstract :

This layered battery internal resistance measuring apparatus is provided with: an AC power supply unit for outputting an AC current to an object for internal resistance measurement connected to the AC power supply unit, the internal resistance measured object including at least a layered battery comprising a plurality of generating elements; an AC adjustment unit for adjusting the AC current so that a positive pole side AC potential difference which is a potential difference determined by subtracting a halfway portion potential from a potential at a portion of the internal resistance measured object that is connected to a load apparatus on a positive pole side, corresponds to a negative pole side AC potential difference which is a potential difference determined by subtracting the halfway portion potential from a potential at a portion of the internal resistance measured object that is connected to the load apparatus on a negative pole side; and a resistance calculating unit for calculating the resistance of the layered battery on the basis of the adjusted AC current and the AC potential differences.

No. of Pages : 61 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2300/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : AN ANTITUBERCULOUS THERAPEUTIC DRUG

(51) International classification :A61K31/424
(31) Priority Document No :2005-292461
(32) Priority Date :05/10/2005
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2006/320239
Filing Date :04/10/2006
(87) International Publication No : WO/2007/043542
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1255/KOLNP/2008
Filed on :27/03/2008

(71)Name of Applicant :

1)OTSUKA PHARMACEUTICAL CO., LTD.

Address of Applicant :9, KANDA-TSUKASACHO, 2-CHOME, CHIYODA-KU TOKYO, JAPAN

(72)Name of Inventor :

1)MAKOTO MATSUMOTO

2)HIROYUKI HASHIZUME

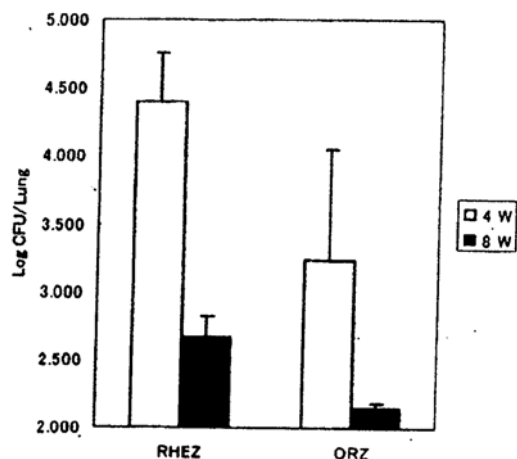
3)TATSUO TOMISHIGE

4)MASANORI KAWASAKI

5)YOSHIHIKO SHIMOKAWA

(57) Abstract :

The present invention provides antituberculous therapeutic drugs with a higher potency. The present invention provides also antituberculous therapeutic drugs containing oxazole compounds represented by (I) general formula (1) [wherein R1 represents a hydrogen atom or C1-6 alkyl group, n represents an integer of 03-6, and R2 represents general formula (A) or the like, wherein R3 represents a phenoxy group (at least one group selected from the group consisting of a halogen atom, and optionally halogen-substituted C1-6 alkyl group and an optionally halogen-substituted C1-6 alkoxy group may be substituted on the phenyl ring) or the like], optically active forms thereof or salts thereof, and drugs (II) such as primary antituberculous drugs.



No. of Pages : 94 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2301/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHODS FOR TREATING NEUROLOGICAL CONDITIONS AND COMPOSITIONS AND MATERIALS THEREFOR

(51) International classification	:A61P25/28
(31) Priority Document No	:61/424,769
(32) Priority Date	:20/12/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/066199
Filing Date	:20/12/2011
(87) International Publication No	:WO 2012/088133
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SCIDEC, LLC

Address of Applicant :2373 Central Park Boulevard Suite 100
Denver, COLORADO 80238 U.S.A.

(72)Name of Inventor :

1)DAVIES, Stephen

2)MINOR, Kenneth, Hal

(57) Abstract :

The present invention generally relates to methods, compositions and materials for treatment of and promotion of neurological functional recovery from neurological conditions including central nervous system injuries and/or diseases. One embodiment of the invention relates to a method to treat a neurological condition in a patient by administering a small leucine-rich proteoglycan (SLRP) to the intrathecal cavity of the patient. In one aspect, the step of administering is conducted without direct administration of the SLRP to central nervous system tissues. In another aspect, the step of administering includes administering the SLRP to a portion of the intrathecal cavity selected from the cistema cerebellomedullaris (cisterna magna), the intrathecal cavity at the cervical, thoracic, lumbar and sacral spinal cord levels, and infusion to the cerebral spinal fluid (CSF) surrounding the corda equina.

No. of Pages : 46 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2081/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR PARTICLE SIZE DETERMINATION AND CONTROL IN A FLUIDIZED BED REACTOR FOR USE WITH THERMALLY DECOMPOSABLE SILICON CONTAINING GAS

(51) International classification :G01N15/02
(31) Priority Document No :12/981,074
(32) Priority Date :29/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2011/055881
Filing Date :21/12/2011
(87) International Publication No :WO 2012/090131
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MEMC ELECTRONIC MATERIALS, INC.
Address of Applicant :501 Pearl Drive, St. Peters, Missouri
63376 U.S.A.
(72)**Name of Inventor :**
1)BHUSARAPU, Satish
2)NAWAZ, Arif
3)GUPTA, Puneet
4)BALAKRISHNAN, Karthik

(57) Abstract :

Systems and methods are provided for determining the size of particles within a fluidized bed reactor for use with thermally decomposable silicon-containing gas. 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.

No. of Pages : 28 No. of Claims : 21

(54) Title of the invention : DISPOSABLE UNDERWEAR-TYPE ARTICLE FOR WEARING

(51) International classification :A61F13/496,A61F13/15,A61F13/49
 (31) Priority Document No :2011-019076
 (32) Priority Date :31/01/2011
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2012/050626
 Filing Date :13/01/2012
 (87) International Publication No :WO 2012/105293
 (61) 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)CHIKAWA, Makoto
2)SASAYAMA, Kenichi
3)KATSURAGAWA, Kunihiko
4)UKEGAWA, Kazuo
5)NINOMIYA, Akihito

(57) Abstract :

Provided is a disposable underwear-type article for wearing that can prevent bodily waste from leaking from both side edges of a crotch member and that enables a waistline member to be reliably attached to the crotch member. A diaper (1) comprises a circular waistline member (10) having a skin-facing surface and a non-skin-facing surface, and a crotch member (30) connected to the waistline member (10). The crotch member (30) comprises the following: a crotch inner-surface sheet (34) positioned on the skin-facing surface; a crotch outer-surface sheet (35) positioned on the non-skin-facing surface; a pair of front and back end flaps (36) and a pair of side flaps (38) that extend along both side edges (33) and both end edges (31,32) of the inner -and outer-surface sheets (34, 35); and a pair of elastic members (50) that extend along both side edges (33) in a substantially vertical direction (Y) from the side of the end edge (31) of both end edges (31, 32) to the side of the other end-edge (32). An intersection region (47) where both ends of the side flaps (38) in the vertical direction and both sides of the front and back end flaps (36) in the horizontal direction meet is folded back towards the skin-facing surface. In the intersection region (47), an elastic member (50) absent region (47a) is formed. The absent region (47a) is affixed to a front panel (11) of the waistline member (10).

No. of Pages : 37 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2190/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHOD FOR SYNTHESISING SUBSTITUTED AMINOCYCLOHEXANONE DERIVATIVES

(51) International classification :C07C221/00

(31) Priority Document No :10015428.5

(32) Priority Date :08/12/2010

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2011/006142

Filing Date :07/12/2011

(87) International Publication No :WO 2012/076165

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)GRÜNENTHAL GMBH

Address of Applicant :Zieglerstrasse 6, D-52078 Aachen,
GERMANY

(72)Name of Inventor :

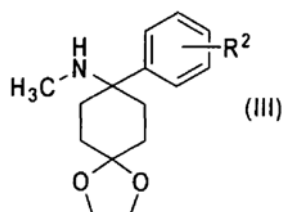
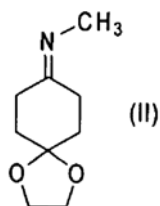
1)PRÜHS, Stefan

2)GRIEBEL, Carsten

3)MUELLER, Marita

(57) Abstract :

The present invention relates to a method for synthesising substituted aminocyclohexanone derivatives, comprising the following step
(b) reaction of a compound of general formula (II) with an organolithium compound to form a compound of general formula (III).



No. of Pages : 23 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2191/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : CUTTING TOOL AND CUTTING INSERT HAVING CLAMPING RECESS THEREFOR

(51) International classification	:B23B27/16,B23C5/22	(71) Name of Applicant : 1)ISCAR LTD.
(31) Priority Document No	:211326	Address of Applicant :P.O. Box 11, 24959 Tefen, ISRAEL
(32) Priority Date	:21/02/2011	(72) Name of Inventor :
(33) Name of priority country	:Israel	1)HECHT, Gil
(86) International Application No	:PCT/IL2012/000025	
Filing Date	:17/01/2012	
(87) International Publication No	:WO 2012/114326	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A cutting insert includes opposing first and second major surfaces and two side surfaces extending therebetween, two side abutment surfaces, each located on a respective side surface and a clamping recess which opens out to the second major surface and/or to the insert front surface. The side abutment surfaces converge towards the first major surface and the side surfaces converge in a direction away from an insert front surface which extends between the major surfaces and the side surfaces. The clamping recess does not extend beyond a mid plane, which is located midway between the first and second surfaces.

No. of Pages : 17 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2304/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : METAL-SALEN COMPLEX COMPOUND AND PRODUCTION METHOD FOR SAME

(51) International classification :C07C251/24,A61K31/555,A61P35/00
(31) Priority Document No :2010-285075
(32) Priority Date :21/12/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/079630
Filing Date :21/12/2011
(87) International Publication No :WO 2012/086683
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)IHI CORPORATION
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(72)Name of Inventor :
1)ISHIKAWA, Yoshihiro
2)EGUCHI, Haruki

(57) Abstract :

The present invention provides a metal-salen complex compound comprising controlled particle diameters, in order to exhibit pharmacological effects as a medicine in a target area. The metal-salen complex compound is configured from chemicals with a crystal particle diameter of 8 μm max., listed in the formula. M is Fe, Cr, Mn, Co, Ni, Mo, Ru, Rh, Pd, W, Re, Os, Ir, Pt, Nd, Sm, Eu, or Gd.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2094/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : BATTERY OPERATED SOLAR CHARGED PUMP KIT UTILIZING AN INLINE SUBMERSIBLE PUMP

(51) International classification	:F04B35/04
(31) Priority Document No	:12/965,383
(32) Priority Date	:10/12/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/063956
Filing Date	:08/12/2011
(87) International Publication No	:WO 2012/078879
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)XYLEM IP HOLDINGS LLC

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(72)Name of Inventor :

1)IRVING, Michael Howard

2)SCHOPPERLE, Jeffrey Brian

(57) Abstract :

A rechargeable battery operated solar pump kit is provided to arrange in relation to a rain barrel, featuring a solar panel; an inline submersible pump that passes through an opening of the rain barrel, has a hose to extend out of the opening to discharge the rainwater, and has a power cord; and a control box that has a housing to contain a pipe fitting, a rechargeable battery, an electrical fitting and an on/off switch. The pipe fitting couples to the hose of the pump to receive the rainwater being pumped from the rain barrel, and couples to a garden hose to provide the rainwater. The battery couples to the power cord of the pump to provide the power. The fitting couples the battery to the solar panel to recharge the battery. The on/off switch turns the pump on/off.

No. of Pages : 18 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2095/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : PROCESS FOR PREPARING CYCLIC AMINE COMPOUNDS

(51) International classification :C07D211/60
(31) Priority Document No :2011-079033
(32) Priority Date :31/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/058061
Filing Date :28/03/2012
(87) International Publication No :WO 2012/133486
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)KANEKA CORPORATION
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(72)Name of Inventor :
1)HIRAI, Yoshinori
2)NISHIYAMA, Akira

(57) Abstract :

A cyclic amine compound having a prescribed configuration can efficiently be prepared by reducing an imine derivative in the presence of a sulfonic acid. Specifically, a cyclic amine compound which is substituted with an amino group and a carboxyl group and in which both groups are arranged in trans configuration can be prepared efficiently.

No. of Pages : 47 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2200/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

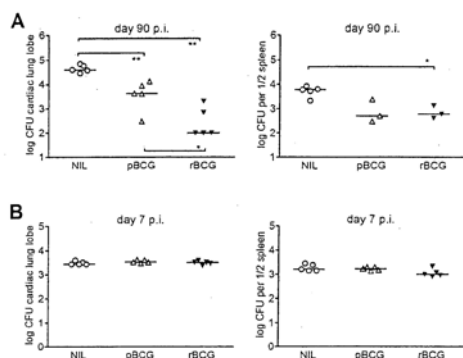
(54) Title of the invention : RECOMBINANT MYCOBACTERIUM AS A VACCINE

(51) International classification :A61K39/04,G01N33/50
(31) Priority Document No :61/425 442
(32) Priority Date :21/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/073613
Filing Date :21/12/2011
(87) International Publication No :WO 2012/085101
(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)MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E.V.
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2)VAKZINE PROJEKT MANAGEMENT GMBH
(72)**Name of Inventor :**
1)DESEL, Christiane
2)KAUFMANN, Stefan H., E.
3)BANDERMANN, Silke
4)GRODE, Leander

(57) Abstract :

The invention relates to a recombinant Mycobacterium cell for use as a vaccine.



No. of Pages : 52 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2201/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHOD FOR REGULATING A BRIEF INCREASE IN POWER OF A STEAM TURBINE

(51) International classification :F01K13/02,F22B35/10,F22G5/12

(31) Priority Document No :10 2011 004 712.3

(32) Priority Date :25/02/2011

(33) Name of priority country :Germany

(86) International Application No :PCT/EP2012/052312

Filing Date :10/02/2012

(87) International Publication No :WO 2012/113662

(61) 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 München, GERMANY

(72)Name of Inventor :

1)Frank THOMAS

2)Jan BRÜCKNER

3)Martin EFFERT

(57) Abstract :

A method for regulating a brief increase in power of a steam turbine with an upstream fossil-fired once-through steam generator with a number of economizer, evaporator and superheater heating surfaces which form a flow path and through which a flow medium flows should be particularly highly suitable for permitting a brief increase in power of a downstream steam turbine without the efficiency of the steam process thereby being excessively impaired. For this purpose, for the brief increase in power of the steam turbine, the flow of the flow medium through the fossil-fired once-through steam generator is increased.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2321/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHODS OF SCREENING COMPOUNDS THAT ARE CYTOTOXIC TO TUMOR CELLS AND METHODS OF TREATING TUMOR CELLS USING SUCH COMPOUND

(51) International classification	:C40B30/06
(31) Priority Document No	:61/416,833
(32) Priority Date	:24/11/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/062132
Filing Date	:23/11/2011
(87) International Publication No	:WO 2012/071562
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)RONNETT, Gabrielle
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2)TOWNSEND, Craig
(72)**Name of Inventor :**
1)RONNETT, Gabrielle
2)TOWNSEND, Craig
3)KUHAJDA, FRANK (DECEASED)

(57) Abstract :

Methods of screening for compounds that inhibit mammalian mitochondrial fatty acid synthase (mmF AS) and methods of treating tumor cells using mmF AS inhibitors, including methods for inhibiting or preventing cancer cell survival by administering inhibitors of mitochondrial fatty acid synthase (FAS).

No. of Pages : 73 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2323/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : DEVICE, SYSTEM AND METHOD FOR LIVESTOCK FEEDING.

(51) International classification :A01K39/012,A01K5/02
(31) Priority Document No :13/017,055
(32) Priority Date :31/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/050443
Filing Date :31/01/2012
(87) International Publication No :WO 2012/104783
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)KAI-ZEN ROBOTIC FEEDING (2013) LTD.
Address of Applicant :P.O. Box 80, 90100 Kiryat Arba
ISRAEL.
(72)Name of Inventor :
1)DUBINSKY, Ziv

(57) Abstract :

The present invention relates to a device, system and a method for livestock feeding, and in particular, to such a device, system and method in which, the meal size and frequency of meal delivery are controllable based on measureable parameters and expected livestock growth curve and real time parameters.

No. of Pages : 62 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2324/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

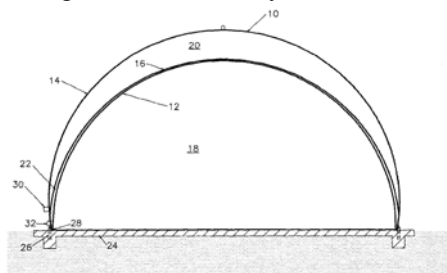
(54) Title of the invention : GAS ACCUMULATOR

(51) International classification :F17C1/16
(31) Priority Document No :1101389.3
(32) Priority Date :27/01/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/050149
Filing Date :24/01/2012
(87) International Publication No :WO 2012/101434
(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)Jon MORRIS

(57) Abstract :

A gas accumulator for the storage of biogas, comprising three gas-impermeable membranes, the first of which at least partially defines a gas accumulation chamber and the third of which is attached to the second by means of a gas-impermeable seal, such that the second and third membranes together define a gas-impermeable pressurisation chamber, as well as comprising means for pressurising said pressurisation chamber and means for anchoring the gas accumulator to a support surface, characterised in that the anchoring means is configured to anchor only the second membrane to the support surface.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2100/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : HYDROPHILIC GUM BASE

(51) International classification :A23G4/06,A23G4/08,C08L31/04
(31) Priority Document No :1100790.3
(32) Priority Date :18/01/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/US2012/021503
Filing Date :17/01/2012
(87) International Publication No :WO 2012/099849
(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 Jersey 07936 U.S.A.
(72)**Name of Inventor :**
1)STREET, Graham T.
2)HARRIS, Lawrence W.

(57) Abstract :

A gum base comprising: a) a hydrophilic precursor component comprising hydrolysable units; and b) a copolymer of a hydrophilic monomer with a second monomer selected from vinyl acetate, isobutylene, isoprene, butyl rubber or styrene butadiene. This chewing gum base contributes to the ability of the chewing gum compositions and chewing gum products to degrade over time after chewing by imparting the chewing gum with increased hydrophilic properties.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2101/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : REMOTE MANAGEMENT OF INDUSTRIAL PROCESSES

(51) International classification	:G06Q90/00
(31) Priority Document No	:EP10196223.1
(32) Priority Date	:21/12/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/US2011/065800
Filing Date	:19/12/2011
(87) International Publication No	:WO 2012/087911
(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)SCHROEDER, John

2)SCHUH, Lothar

3)WNEK, Maciej

(57) Abstract :

Systems and other embodiments for causing a service request to be produced are described. A system can comprise an analysis component that evaluates an information set to produce an evaluation result. The information set can include a first piece of information from a first information source and a second piece of information from a second information source. The system can also comprise a determination component that proactively makes a determination on if a service request should be produced, where the determination based, at least in part, on the evaluation result. The system can further comprise a production component that causes the service request to be produced in response to the determination being positive.

No. of Pages : 32 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2331/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : BAINITIC STEEL OF HIGH STRENGTH AND HIGH ELONGATION AND METHOD TO MANUFACTURE SAID BAINITIC STEEL

(51) International classification:C21D8/00,C22C38/18,C22C38/38

(31) Priority Document No :736/KOL/2011

(32) Priority Date :30/05/2011

(33) Name of priority country :India

(86) International Application No :PCT/IN2012/000371

Filing Date :28/05/2012

(87) International Publication No :WO 2012/164579

(61) Patent of Addition to

Application Number :NA

Filing Date :NA

(62) Divisional to Application

Number :NA

Filing Date :NA

(71)Name of Applicant :

1)TATA STEEL LIMITED

Address of Applicant :Research and Development And Scientific Division Jamshedpur 831 001, Jharkhand India

(72)Name of Inventor :

1)SOURAV, Das

2)SAURABH, Kundu

3)ARUNANSU, Halder

(57) Abstract :

The invention relates to a bainite steel consisting of the following elements in weight %: C: 0.25 - 0.55 Si: 0.5 - 1.8 Mn: 0.8 - 3.8 Cr: 0.2 - 2.0 Ti: 0.0 - 0.1 Cu: 0.0 - 1.2 V: 0.0 - 0.5 Nb: 0.0 - 0.06 Al: 0.0 - 2.75 N: < 0.004 P: < 0.025 S: < 0.025 and a method for manufacturing a bainite steel strip that comprises the step of cooling the coiled strip of such composition to ambient temperature, during which the bainite transformation takes place.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2332/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

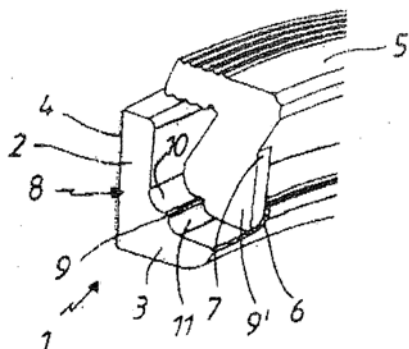
(54) Title of the invention : SLIDE RING SEAL

(51) International classification :F16J15/34
(31) Priority Document No :10 2011 013 366.6
(32) Priority Date :08/03/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2012/000211
Filing Date :29/02/2012
(87) International Publication No :WO 2012/119579
(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)DENGLER, Andreas

(57) Abstract :

The invention relates to a slide ring seal, in particular a running gear seal, at least comprising an angled slide ring and/or counter ring, the radial limb of which is provided with a sliding surface and the axial arm of which forms a seat for a trapezoidal sealing element, wherein the outer end of the axial limb has recesses in which lugs engage, wherein said lugs are moulded on the sealing element and form anti turn devices. The transition region from the axial limb to the radial limb of the slide ring and/or counter ring provided beyond the sliding surface has a profiling, in which an approximately correspondingly constructed section of the sealing element engages.



No. of Pages : 9 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2333/KOLNP/2013 A

(43) Publication Date : 22/11/2013

(54) Title of the invention : BEARING LININGS

(51) International classification	:F16C33/12
(31) Priority Document No	:1101061.8
(32) Priority Date	:21/01/2011
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2012/000257
Filing Date	:20/01/2012
(87) International Publication No	:WO 2012/098004
(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)MAHLE COMPOSANTS MOTEUR FRANCE SAS

(72)Name of Inventor :

1)FORTUNE, Cedric, Marc, Roger

2)SARABANDA, Jose, Valentim, Lima

(57) Abstract :

A bearing lining having a bearing backing layer (1) provided with a coating comprising a first overlay layer (4) and a second overlay layer (5), the first overlay layer being provided between the bearing backing layer and the second overlay layer, the first and second overlay layers each comprising a matrix material and a soft-phase material that is substantially insoluble in the matrix and dispersed within the matrix as soft-phase particles, and wherein the first overlay layer comprises a higher proportion by weight of a grain size reduction additive than the second overlay layer.

No. of Pages : 19 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2216/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : MOBILE WORK MACHINE COMPRISING A BRACING DEVICE

(51) International classification :E04G21/04,B66C23/80,B66C23/90
(31) Priority Document No :10 2011 075 310.9
(32) Priority Date :05/05/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/056259
Filing Date :05/04/2012
(87) International Publication No :WO 2012/150106
(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)GÖGGELMANN, Gernot
2)PETZOLD, Wolf-Michael
3)NEUBERT, Michael

(57) Abstract :

The invention relates to a mobile work machine, comprising a chassis (10) that has a traveling gear (11) and a bracing device that is arranged on the chassis (10) and can be braced on a support (28) such as to raise the chassis (10). The invention is further based on the realization that the traveling gear (11) comprises at least one traveling gear part (38, 38), the relative position and/or inclination of which with respect to the chassis (10) can be varied during the bracing process. According to the invention, at least one position or inclination sensor (36) is arranged on the traveling gear part (38, 38), the output signal of the sensor being an actual measure of the position or the inclination of the traveling gear part (38, 38) relative to a reference system that is stationary on the chassis or stationary on the ground. In addition, an evaluation unit is provided, which responds to the output signal of the at least one position or inclination sensor. The evaluation unit advantageously comprises a comparator for carrying out a comparison between the at least one actual measure of the position or inclination of the traveling gear part (38, 38) and a respective predetermined target value, the output signal of which forms a measured value for the bracing or lifting state of the chassis (10).

No. of Pages : 17 No. of Claims : 9

(54) Title of the invention : POWER CONVERSION APPARATUS

(51) International classification :H02P21/00,H02M7/48,H02P27/04
 (31) Priority Document No :2011-007818
 (32) Priority Date :18/01/2011
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2012/000273
 Filing Date :18/01/2012
 (87) International Publication No :WO 2012/098873
 (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)SEKIMOTO, Morimitsu**2)TANIGUCHI, Tomoisa****3)HIBINO, Hiroshi****4)MAEDA, Toshiyuki**

(57) Abstract :

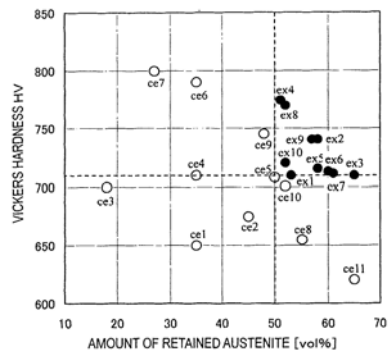
A DC link unit (3) is provided for outputting a rippling DC link voltage (Vdc), the DC link unit having a capacitor (3a) connected in parallel to the output of a converter circuit (2). An inverter circuit (4) is provided for switching and converting the output of the DC link unit (3) to alternating current, and feeding the alternating current to a connected motor (7). A controller (5) is provided for controlling the switching of the inverter circuit (4) so that the motor current (iu, iv, iw) ripples in synchrony with the rippling of a power source voltage (Vin). The switching of the inverter circuit (4) is controlled by the controller (5) to reduce the ripple amplitude of the motor current (iu, iv, iw) in accordance with the load imposed by the motor (7) or the operating state of the motor (7).

No. of Pages : 26 No. of Claims : 6

(54) Title of the invention : STEEL PART, SINGLE-CYLINDER INTERNAL COMBUSTION ENGINE, SADDLED VEHICLE, AND PROCESS FOR MANUFACTURE OF STEEL PART

<div>(51) International classification :C23C8/34,C21D1/06,C21D1/58(31) Priority Document No :2011-028584(32) Priority Date :14/02/2011(33) Name of priority country :Japan(86) International Application No:PCT/JP2012/052990Filing Date :09/02/2012(87) International Publication No :WO 2012/111527(61) Patent of Addition to Application Number :NAFiling Date :NA(62) Divisional to Application Number :NAFiling Date :NA</div>	<div>(71)Name of Applicant : 1)YAMAHA HATSUDOKI KABUSHIKI KAISHA Address of Applicant :2500, Shingai, Iwata-shi, Shizuoka 438-8501, JAPAN (72)Name of Inventor : 1)KUBOTA , Tsuyoshi 2)KAWATA, Hirofumi</div>
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(57) Abstract :
This steel part has a surface that is in contact with a rolling bearing. In the steel part, the amount of retained austenite is 50 vol% or more and the Vickers hardness (HV) is 710 or more at a depth of 0.1 mm from the surface. The present invention provides: a steel part in which the occurrence of flaking on a surface thereof that is in contact with a rolling bearing can be prevented and which has an excellent flaking life; and a process for manufacturing the steel part.



No. of Pages : 84 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2337/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : VALVE ASSEMBLY FOR HIGH-PRESSURE FLUID RESERVOIR

(51) International classification :B60K15/035,F16K31/06,F02M25/08

(31) Priority Document No :13/011,676

(32) Priority Date :21/01/2011

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

(86) International Application No :PCT/US2012/021876

Filing Date :19/01/2012

(87) International Publication No :WO 2012/100058

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)EATON CORPORATION

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(72)Name of Inventor :

1)MILLS Vaughn

2)PIFER Daniel Lee

3)SEXTON Ronald

(57) Abstract :

A valve assembly 20 is disclosed for controlling fluid flow between two reservoirs 12 and 18. The valve assembly 20 includes a relief valve 28 arranged inside the housing 22 and configured to open a first fluid flow path 38 when the first reservoir 12 is above a first predetermined pressure value. The valve assembly 20 also includes a solenoid assembly 40 configured to open a second fluid flow path 60 when a rate of the fluid flow from the first reservoir 12 to the second reservoir 18 is above a predetermined reference value. Furthermore, the valve assembly 20 includes a flow restrictor 50 configured to open a third fluid flow path 62 when the rate of the fluid flow from the first reservoir 12 to the second reservoir 18 is below the predetermined reference value, and when the pressure inside the first reservoir 12 is below a second predetermined pressure value.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2109/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : PROCESS FOR PRODUCTION OF CONFECTIONERY PRODUCTS, AND CONFECTIONERY PRODUCTS

(51) International classification :A23L1/00,A23L1/01,A23L1/18
(31) Priority Document No :11150369.4
(32) Priority Date :07/01/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/050086
Filing Date :04/01/2012
(87) International Publication No :WO 2012/093139
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
1)LUDWIG SCHOKOLADE GMBH & CO. KG
Address of Applicant :Senefelderstraße 44, 51469 Bergisch
Gladbach GERMANY
(72)Name of Inventor :
1)NEVIAN, Andreas
2)NEY, Markus, Johann

(57) Abstract :

The invention relates to a process for producing confectionery products, which comprises the following successive steps: production of a base composition of a sugar component with one or more sugar-containing constituents, the sugar content of at least one sugar containing constituent being more than 50% by weight, a protein component with one or more protein-containing constituents, the protein content of at least one protein containing constituent being more than 0% by weight, a fat component with one or more fatty constituents, the fat content of at least one fatty constituent being more than 60% by weight, and a flavoring additive with at least one flavoring constituent; shaping of core bodies from the base composition; microwave vacuum drying of the core bodies; coating of the core bodies with at least one coating layer, especially chocolate, which is suitable for inhibiting absorption of moisture by the core bodies.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2110/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR IMPLEMENTING CONNECTION MIRRORING IN A MULTI-CORE SYSTEM

(51) International classification	:H04L29/14,G06F11/20
(31) Priority Document No	:61/425,116
(32) Priority Date	:20/12/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/065849
Filing Date	:19/12/2011
(87) International Publication No	:WO/2012/087934
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CITRIX SYSTEMS, INC.

Address of Applicant :851 West Cypress Creek Road, Ford
Lauderdale, FL 33309 U.S.A.

(72)Name of Inventor :

1)SUGANTHI, Josephine

2)VERZUNOV, Sergey

(57) Abstract :

The present application is directed to systems and methods for providing failover connection mirroring between two or more multi-core devices intermediary between a client and a server. A first multi-core device may receive a hash key of a second multi-core device for mapping packets to cores of the second multi core device. The first device may identify a core of the second device using (i) the hash key of the second device and (ii) tuple information corresponding to a connection between the client and the server via the first device. The first device may determine that the identified core is not a desired core for providing a failover connection. The first device may modify the tuple information so as to identify the desired core when used with the hash key of the second device. The first device may use the modified tuple information to establish the failover connection.

No. of Pages : 155 No. of Claims : 20

(54) Title of the invention : METHOD AND ASSEMBLY FOR CONVERTING SOLAR RADIATION IN MECHANICAL POWER

(51) International classification :F03G6/06
 (31) Priority Document No :11150882.6
 (32) Priority Date :13/01/2011
 (33) Name of priority country :EPO
 (86) International Application No :PCT/EP2012/000095
 Filing Date :11/01/2012
 (87) International Publication No :WO 2012/095305
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)SINCRON S.R.L.

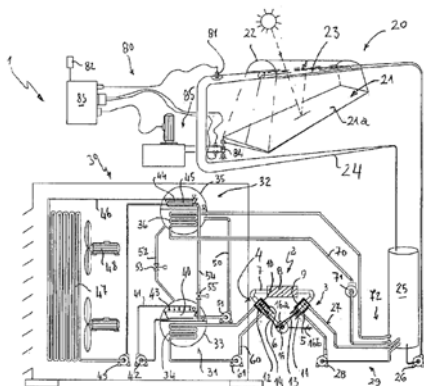
Address of Applicant :Via Cartesio, 2, I-20124 Milano, ITALY

(72)Name of Inventor :

1)RUSSO, Vitaliano**2)TARGA, Giorgio**

(57) Abstract :

A method for converting solar radiation in mechanical power, for generating electrical power, having an extraordinarily high efficiency, comprising the steps of feeding a hot fluid heated by a solar device to a hot cylinder of a Stirling engine and feeding a cold fluid, cooled in the absorption stage of an absorption refrigeration apparatus to a cold cylinder of the Stirling engine, obtaining mechanical power from the Stirling engine, for actuating an electrical generator.



No. of Pages : 12 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2221/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : TARGET LAUNCHING MACHINE

(51) International classification	:F41J9/24
(31) Priority Document No	:1060667
(32) Priority Date	:17/12/2010
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2011/073103
Filing Date	:16/12/2011
(87) International Publication No	:WO 2012/080489
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)LAPORTE HOLDING (SAS)

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(72)Name of Inventor :

1)LAPORTE Jean-Michel

2)FOUQUES Jean-Marc

(57) Abstract :

The present invention relates to a target launching machine (1) having a portion of circular cross section, said machine comprising a launch arm (2) able to rotate about an axis of rotation (3) and a bearing surface (4) of the portion of circular cross section, characterized in that the bearing surface (4) has an offset portion configured such that the separation between the path of the launch arm (2) and the offset portion increases in the direction of rotation of the launch arm (2). Application to target launchers used for archery.

No. of Pages : 29 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2343/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : TERPOLYMER FOR MELT BLOWN MEDIA FOR AIR FILTRATION

(51) International classification	:D01F6/06,D01F8/06	(71)Name of Applicant :
(31) Priority Document No	:11152510.1	1)BOREALIS AG
(32) Priority Date	:28/01/2011	Address of Applicant :IZD Tower Wagramerstr. 17-19 A-1220
(33) Name of priority country	:EPO	Vienna, AUSTRIA
(86) International Application No	:PCT/EP2012/050206	(72)Name of Inventor :
Filing Date	:09/01/2012	1)VAN PARIDON, Henk
(87) International Publication No	:WO 2012/100974	2)TYNYS, Antti
(61) Patent of Addition to Application	:NA	3)FIEBIG, Joachim
Number	:NA	4)PARKINSON, Matthew
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Melt-blown fiber comprising a terpolymer of propylene, ethylene and a C4 to C10 α -olefin, wherein further said melt blown fiber and/or said terpolymer has/have a melt flow rate MFR25 (230° C) of at least 300 g/10min, the amount of propylene in said terpolymer is at least 90.0 wt.-%, the weight ratio of ethylene and α -olefin within said terpolymer is 1/100 to below 1/1, and the terpolymer has <2,1> regiodefects of below 0.4 mol.-%.10.

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

(54) Title of the invention : OPERATION METHOD FOR MEMO FUNCTION AND PORTABLE TERMINAL SUPPORTING THE SAME

(51) International classification :G06F3/06,G06F3/14,G06F3/048
 (31) Priority Document No :61/463,115
 (32) Priority Date :11/02/2011
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/KR2012/000952
 Filing Date :09/02/2012
 (87) International Publication No:WO 2012/108697
 (61) 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)Hyun Kyoung KIM**2)Jin Young JEON****3)Hyun-Mi PARK****4)Tae Yeon KIM****5)Min Seung SONG**

(57) Abstract :

A method for providing a memo function and a portable terminal supporting the same are provided. The portable terminal includes: a memory for storing at least one user function; a display unit for outputting screen information according to an activation of the at least one user function; an input unit for generating an input signal corresponding to a function call for creating a memo in a state that a screen according to the activation of the user function is output; and a controller performing a control operation to tag activation information of the user function including at least one of screen information, audio information, or user function information that is output according to the activation of the user function to the created memo and to store a tagged memo as a tagging memo.

No. of Pages : 39 No. of Claims : 15

(54) Title of the invention : DEVICE AND METHOD FOR CONTROLLING CHARGING IN A MOBILE COMMUNICATION SYSTEM

(51) International classification :H04W4/24
 (31) Priority Document No :10-2011-0009062
 (32) Priority Date :28/01/2011
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2012/000696
 Filing Date :30/01/2012
 (87) International Publication No :WO 2012/102594
 (61) 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.

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(72)Name of Inventor :

1)Song Yean CHO

2)Ji Cheol LEE

3)Sung Ho CHOI

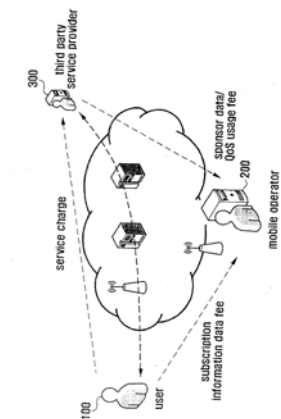
4)Joon Ho PARK

5)Kill Yeon KIM

6)Ki Suk KWEON

(57) Abstract :

The present invention relates to a method and device for controlling charging in a mobile communication system. The method for controlling charging in a mobile communication system is characterized by comprising the steps of: generating, by a service provider, a sponsor coupon to transmit to a terminal when a sponsor service request transmitted from the terminal is received; receiving, by the terminal, the sponsor coupon to transmit to an operator; setting, by the operator, a filtering and charging rule for sponsor traffic by using the sponsor coupon, and notifying the terminal; requesting, by the terminal, the sponsor service to the service provider again, and receiving a sponsor traffic service from the service provider; and charging, by the operator, the service provider for the sponsor traffic.



No. of Pages : 43 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2348/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : DEVICE AND METHOD FOR THE CONDENSATION OF VAPORS UNDER A VACUUM

(51) International classification :B01D5/00,C08G63/00,C08G69/00
(31) Priority Document No :10 2011 007 543.7
(32) Priority Date :15/04/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/056541
Filing Date :11/04/2012
(87) International Publication No :WO 2012/140055
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)AQUAFIL ENGINEERING GMBH
Address of Applicant :Düsterhauptstraße 13, 13469 Berlin, GERMANY
(72)Name of Inventor :
1)KARASIAK, Wolf
2)KARASIAK, Dirk

(57) Abstract :

The invention relates to a device for the condensation of vapors under a vacuum, comprising at least one spatial condensation region (311), which is connected to a vacuum apparatus (2) for generating a pressure below the atmospheric pressure and comprises means for cooling (51) for the condensation of the vapors at a pressure below the atmospheric pressure, and comprising at least one spatial collection region (312) for condensate, the region being connected to the at least one spatial condensation region (311), wherein the at least one spatial collection region (312) has a vacuum-tight housing (10) and is directly or indirectly connected to the vacuum apparatus (2). The invention further relates to a method for the condensation of vapors under a vacuum.

No. of Pages : 30 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.543/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : DEVELOPMENT OF HIGH STRENGTH STEEL FOR LIGHTER INDIAN DOMESTIC LPG CYLINDER

(51) International classification

:F02M

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

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2)MUKHOPADHYAY SIDDHARTHA

3)KARMAKAR DEBASHIS

4)MALLIK SUBRATA

5)JHA BIMAL KUMAR

6)MUKHERJEE DEBASIS

7)JHA NAND KISHORE

(57) Abstract :

The present invention relates to high strength LPG steel alloy and a LPG gas storage cylinder manufactured thereof with yield strength greater than 295 MPa for fabrication of lighter Indian domestic cylinders (33.3 litres). Further the steel sheets manufactured from the said high strength LPG steel alloy have reduced thickness resulting in weight reduction in cylinder. The chemistry and properties of hot rolled steel has been designed separately for formed cylinders subjected to stress relieving / normalizing. The cylinder manufacturer will get more cylinders per ton of steel.

No. of Pages : 17 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2302/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : SUPERAGONISTS AND ANTAGONISTS OF INTERLEUKIN-2

(51) International classification :C07K14/55,A61K38/20,A61P35/00
(31) Priority Document No :61/426,307
(32) Priority Date :22/12/2010
(33) Name of priority country:U.S.A.
(86) International Application No:PCT/US2011/066911
Filing Date :22/12/2011
(87) International Publication No :WO 2012/088446
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY
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(72)Name of Inventor :
1)GARCIA, Kenan, Christopher
2)LEVIN, Aron
3)RING, Aaron

(57) Abstract :

Novel human interleukin-2 (IL-2) muteins or variants thereof, and nucleic acid molecules and variants thereof are provided. Methods for producing these muteins as well as methods for stimulating the immune system of an animal are also disclosed. In addition, the invention provides recombinant expression vectors comprising the nucleic acid molecules of this invention and host cells into which expression vectors have been introduced. Pharmaceutical compositions are included comprising a therapeutically effective amount of a human IL-2 mutein of the invention and a pharmaceutically acceptable carrier. The IL-2 muteins can be used in pharmaceutical compositions for use in treatment of cancer and in stimulating the immune response.

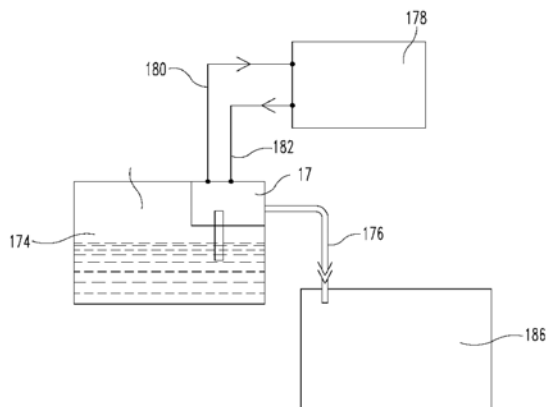
No. of Pages : 63 No. of Claims : 16

(54) Title of the invention : SCAVENGE PUMP OIL LEVEL CONTROL SYSTEM AND METHOD

(51) International classification	:B60W10/30,B60W20/00	(71)Name of Applicant :
(31) Priority Document No	:61/440,878	1)ALLISON TRANSMISSION, INC.
(32) Priority Date	:09/02/2011	Address of Applicant :4700 West 10th Street, Indianapolis, IN
(33) Name of priority country	:U.S.A.	46222 U.S.A.
(86) International Application No	:PCT/US2012/024119	(72)Name of Inventor :
Filing Date	:07/02/2012	1)WRIGHT, Thomas, A.
(87) International Publication No	:WO 2012/109223	2)LONG, Charles, F.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A hybrid vehicle includes a hybrid module, a transmission and a torque converter. The lubrication system associated with the torque converter includes an oil sump within the torque converter housing which is intended to be managed as a dry sump oil lubrication system. There is an oil pump in communication with the sump in order to manage the sump oil level. By monitoring an operational parameter of the oil pump motor (pressure, torque, or current) oil aeration can be detected.



No. of Pages : 26 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.573/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :18/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : AUTOMOTIVE FUEL ADDITIVE FOR IMPROVING EFFICIENCY OF FUEL AND REDUCING HARMFUL EMISSIONS WITH EXHAUST AND PROCESS OF MANUFACTURING THE SAME

(51) International classification	:C10L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)KANHAIYA BHAGAT
(32) Priority Date	:NA	Address of Applicant :SUMATI APARTMENT, IIND
(33) Name of priority country	:NA	BLOCK, 1ST FLOOR, FLAT NO. 12, 237, POSTAL PARK,
(86) International Application No	:NA	BANSDRONI, KOLKATA - 700 070, WEST BENGAL, INDIA
Filing Date	:NA	2)SANJAY JAISWAL
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)KANHAIYA BHAGAT
Filing Date	:NA	2)SANJAY JAISWAL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an automotive fuel additive for improving efficiency of fuel and reducing harmful emissions which comprises the Turphine (Srevia, Citropis, withanja), Nilgiri (Atalantia wightii), Camphor (Camphor oil - Cinnamomum camphora), Agar-Agar [Gelidium amansii (KUTZ)], Mint, Mogra (Jasminum sambac var) and Andee (Ricinous) in equal amount by weight in which the 15 ml of additive are mixed with diesel to make a final volume of fuel is one litre.

No. of Pages : 19 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2305/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : OSTOMY DEVICE

(51) International classification	:A61F5/443
(31) Priority Document No	:61/424,899
(32) Priority Date	:20/12/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/066236
Filing Date	:20/12/2011
(87) International Publication No	:WO 2012/088147
(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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10962 U.S.A.

(72)Name of Inventor :

1)RAMJIT, Ravi

2)KENG, Ta, Kang

(57) Abstract :

A convex ostomy device, including i) a moldable pressure-sensitive thin center region covered on both sides with an adhesive; and ii) a thick region outside of and thicker than the center region, covered on both sides with the adhesive.

No. of Pages : 11 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2306/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : DAIRY CONTAINING BEVERAGES WITH ENHANCED FLAVORS AND METHOD OF MAKING SAME

(51) International classification	:A23C9/12
(31) Priority Document No	:12/976,927
(32) Priority Date	:22/12/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/063845
Filing Date	:07/12/2011
(87) International Publication No	:WO 2012/087585
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)STARBUCKS CORPORATION D/B/A STARBUCKS COFFEE COMPANY
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(72)**Name of Inventor :**
1)ROBINSON, Urano, A.
2)DA CRUZ, J., Marcio
3)VU, Dien, Van

(57) Abstract :

The present embodiments generally relate to beverages with enhanced flavors and aromas and method of making same. Some embodiments of the present disclosure are directed to shelf-stable dairy products. Other embodiments are related to beverages with shelf-stable dairy products and soluble coffee. Also disclosed are methods of making the same.

No. of Pages : 95 No. of Claims : 198

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/07/2013

(21) Application No.2270/KOLNP/2013 A

(43) Publication Date : 22/11/2013

(54) Title of the invention : INHIBITORS OF INFLUENZA VIRUSES REPLICATION

(51) International classification :C07D471/04,A61K31/16
(31) Priority Document No :61/423,925
(32) Priority Date :16/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/065388
Filing Date :16/12/2011
(87) International Publication No :WO 2012/083121
(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)CLARK, Michael P.

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4)GAO, Huai

5)KENNEDY, Joseph, M.

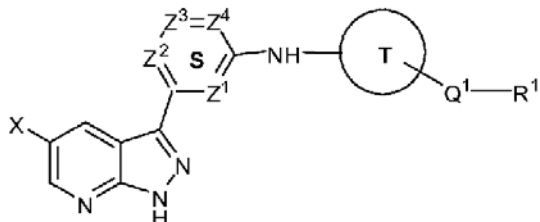
6)LEDEBOER, Mark, W.

7)MALTAIS, Francois

8)PEROLA, Emanuele

(57) Abstract :

Methods of inhibiting the replication of influenza viruses in a biological sample or patient, of reducing the amount of influenza viruses in a biological sample or patient, and of treating influenza in a patient, comprises administering to said biological sample or patient an effective amount of a compound represented by Structural Formula (I): or a pharmaceutically acceptable salt thereof, wherein the values of Structural Formula (I) are as described herein. A compound is represented by Structural Formula (I) or a pharmaceutically acceptable salt thereof, wherein the values of Structural Formula (I) are as described herein. A pharmaceutical composition comprises an effective amount of such a compound or pharmaceutically acceptable salt thereof, and a pharmaceutically acceptable carrier, adjuvant or vehicle.



No. of Pages : 130 No. of Claims : 59

(54) Title of the invention : METHOD AND SYSTEM FOR PROVIDING A MANAGED NETWORK

(51) International classification :H04Q11/00
 (31) Priority Document No :60/562,596
 (32) Priority Date :15/04/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/12745
 Filing Date :15/04/2005
 (87) International Publication No : WO/2005/107134
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :3366/KOLNP/2006
 Filed on :15/11/2006

(71)Name of Applicant :

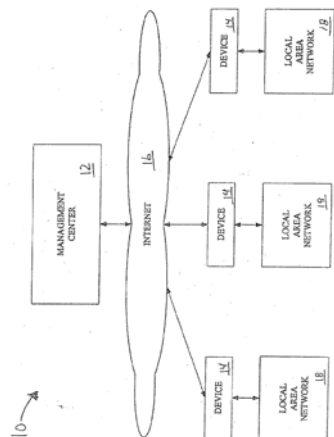
1)CLEARPATH NETWORKS, INC.Address of Applicant :1940 E. MARIPOSA AVENUE,
SUITE #150, EL SEGUNDO, CA 94025 U.S.A.

(72)Name of Inventor :

1)STAATS, ROBERT, T**2)YOUNG, CLIFFORD, H.**

(57) Abstract :

Method and system for providing a managed network are disclosed. The method for providing a managed network, comprising: sending, by a computer network management device, via a first network and to a management center external to the managed network, an activation key indicating the activation of the computer network management device; in response to the sending of the activation key, receiving, by the computer network management device, from the management center and via the first network, at least one configuration to cause the computer network management device to provide at least one managed network service for the managed network, wherein the at least one configuration comprises: a virtual private network (VPN) configuration to cause the computer network management device to provide a VPN service, the VPN service to enable a remote access client device in communication with the network management device via the first network to communicate securely with at least one network element of the managed network; and an internet protocol (IP) routing and network interface configuration to cause the computer network management device to provide an IP routing and network interface service.



No. of Pages : 54 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2262/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :15/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : ISOLATION VALVE WITH INTEGRATED SENSOR

(51) International classification :F02M25/08,B60K15/035,G01L9/00
(31) Priority Document No :13/011,226
(32) Priority Date :21/01/2011
(33) Name of priority country:U.S.A.
(86) International Application No :PCT/IB2012/000076
Filing Date :20/01/2012
(87) International Publication No :WO 2012/098458
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)EATON CORPORATION
Address of Applicant :Eaton Center, 1000 Eaton Boulevard,
Cleveland, OH 44122, U.S.A.
(72)Name of Inventor :
1)PIFER, Daniel, Lee
2)KELLER, Robert, Dean

(57) Abstract :

An isolation valve (1) has an electrically- actuated solenoid valve (32), at least one port (14) having a port extension (14a), and a sensor assembly (13) coupled to the port extension (14a). The sensor assembly (13) includes a printed circuit board (40), an integrated circuit (44) disposed on the circuit board (40), and at least one pressure sensor (18) coupled to the port extension (14a) to measure a vapor pressure in the port extension (14a). In one embodiment, a single sensor assembly (13) can monitor pressure at two or more ports (14,16). By integrating the sensor assembly (13) into the isolation valve (1), the valve (1) has a compact assembly that is easy to install in a vapor control system.

No. of Pages : 18 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2237/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : HCV INHIBITORS

(51) International classification :A01N57/00

(31) Priority Document No :60/695,767

(32) Priority Date :30/06/2005

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

(86) International Application No :PCT/US2006/025996

Filing Date :29/06/2006

(87) International Publication No : WO/2007/005838

(61) Patent of Addition to Application :NA

Number :NA

Filing Date

(62) Divisional to Application Number :4882/KOLNP/2007

Filed on :14/12/2007

(71)Name of Applicant :

1)VIROBAY, INC.

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(72)Name of Inventor :

1)GRAUPE, MICHAEL

2)LINK, JOHN O.

3)VENKATARAMANI, CHANDRASEKAR

(57) Abstract :

This invention discloses compounds that are antiviral agents. Specifically the compounds of the present invention inhibit replication of HCV and are therefore useful in treating hepatitis C infections. The present invention is also directed to pharmaceutical compositions comprising these compounds and processes for preparing them.

No. of Pages : 89 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2238/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : SOLID FORMS OF GYRASE INHIBITOR (R)-1-ETHYL-3-[6-FLUORO-5-[2-(1-HYDROXY-1-METHYL-ETHYL) PYRIMIDIN-5-YL]-7-(TETRAHYDROFURAN-2-YL)-1H-BENZIMIDAZOL-2-YL]UREA

(51) International classification :C07D413/14,A61K31/4184,A61P31/00
(31) Priority Document No :61/433,169
(32) Priority Date :14/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/021280
Filing Date :13/01/2012
(87) International Publication No :WO 2012/097273
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)VERTEX PHARMACEUTICALS INCORPORATED
Address of Applicant :130 Waverly Street, Cambridge, MA 02139 U.S.A.
(72)Name of Inventor :
1)SHANNON, Dean
2)LUISI, Brian
3)KRAWIEC, Mariusz
4)KULDIP-KUMAR, Anuj, K.

(57) Abstract :

The present application is directed to solid forms of compounds of formula (I) and pharmaceutically acceptable salts thereof, that inhibit bacterial gyrase and/or Topo IV and pharmaceutical compositions comprising said compounds and salts. These compounds and salts are useful in treating bacterial infections.

No. of Pages : 107 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/07/2013

(21) Application No.2239/KOLNP/2013 A

(43) Publication Date : 22/11/2013

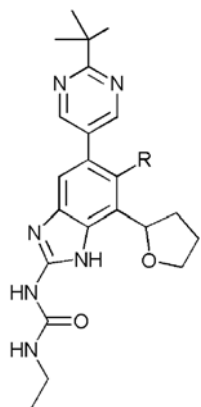
(54) Title of the invention : PYRIMIDINE GYRASE AND TOPOISOMERASE IV INHIBITORS

(51) International classification :C07D405/14,A61K31/506,A61P31/04
(31) Priority Document No :61/432,965
(32) Priority Date :14/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/021270
Filing Date :13/01/2012
(87) International Publication No :WO 2012/097269
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)VERTEX PHARMACEUTICALS INCORPORATED
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(72)Name of Inventor :
1)LE TIRAN, Arnaud
2)GRILLOT, Anne-laure
3)CHARIFSON, Paul, S.
4)BENNANI, Youssef, Laafiret
5)O'DOWD, Hardwin
6)PEROLA, Emanuele

(57) Abstract :

The present invention relates to a compound of formula (I): or a pharmaceutically acceptable salt thereof wherein X and R are as defined herein. The compounds of formula (I) are useful as gyrase and/or topoisomerase IV inhibitors for treating bacterial infections. The compounds of formula (I) either possess a broad range of antibacterial activity and advantageous toxicological properties or are prodrugs of compounds having said activity.



No. of Pages : 146 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2240/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : SOLID FORMS OF GYRASE INHIBITOR (R)-1-ETHYL-3-[5-[2-{1-HYDROXY-1-METHYL-ETHYL}PYRIMIDIN-5-YL]-7-(TETRAHYDROFURAN-2-YL)}-1H-BENZIMIDAZOL-2-YL]UREA

(51) International classification :C07D407/04,A61K31/506
(31) Priority Document No :61/433,161
(32) Priority Date :14/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/021275
Filing Date :13/01/2012
(87) International Publication No :WO 2012/097270
(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 :
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(72)Name of Inventor :
1)SHANNON, Dean
2)LUISI, Brian
3)LIAO, Yusheng
4)KRAWIEC, Mariusz

(57) Abstract :

The present application is directed to solid forms of compounds of formula (I): and pharmaceutically acceptable salts thereof, that inhibit bacterial gyrase and/or Topo IV and pharmaceutical compositions comprising said compounds and salts. These compounds and salts are useful in treating bacterial infection.

No. of Pages : 109 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2241/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : SAFETY LINE ANCHOR

(51) International classification :A62B35/04,A62B35/00,E04G21/32
(31) Priority Document No :1101303.4
(32) Priority Date :26/01/2011
(33) Name of priority country:U.K.
(86) International Application No:PCT/GB2012/050155
Filing Date :25/01/2012
(87) International Publication No :WO 2012/101438
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)LATCHWAYS PLC
Address of Applicant :Hopton Park, Devizes Wiltshire SN10 2JP, U.K.
(72)Name of Inventor :
1)BISSETT, Timothy
2)NASH, David
3)BEALE, Richard

(57) Abstract :

An anchor arrangement for a safety line system is for use with a bracket to secure to a structure for mounting the safety line. The anchor arrangement either includes an alignment collar arranged to seat in a seat provided on the bracket, the alignment collar being able to seat in a plurality of different orientations with respect to the bracket; a resilient biasing means acting between the bracket and a reaction member provided as part of the anchor arrangement or a tension indicator for the safety line, which has a part of the bracket aligned adjacent and indicia zone on the anchor arrangement.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2334/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : SEMICONDUCTOR MODULE RADIATOR PLATE FABRICATION METHOD, RADIATOR PLATE, AND SEMICONDUCTOR MODULE USING THE SAME

(51) International classification :H01L23/36,H01L23/12,H05K7/20
(31) Priority Document No :2011-024610
(32) Priority Date :08/02/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/070035
Filing Date :02/09/2011
(87) International Publication No :WO 2012/108073
(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)Yoshinori UEZATO
2)Masayuki SOUTOME
3)Rikihiro MARUYAMA
4)Tomoaki GOTO

(57) Abstract :

When soldering irregularly shaped insulating substrates (1, 2) to a heat dissipating plate (3), a third curve (11) is formed in advance on the heat dissipating plate (3) such that the insulating substrate (1, 2) side of same is concave. This third curve (11) is determined by a concave first curve (6) that vertically inverts the curve of the part that protrudes when the irregularly shaped insulating substrates (1, 2) are soldered to the flat heat dissipating plate (3), adding a concave second curve (7) expected when the irregularly shaped insulating substrates (1, 2) are actually soldered to the heat dissipating plate (3). The bottom part (11a) of this third curve (11) is disposed on the underneath side of the large insulating substrate (2), and the curvature on the side where the distance between this bottom part (11a) and a reference point (5a, 5b) for the heat dissipating plate (3) is larger is smaller than the curvature on the narrow side.

No. of Pages : 42 No. of Claims : 5

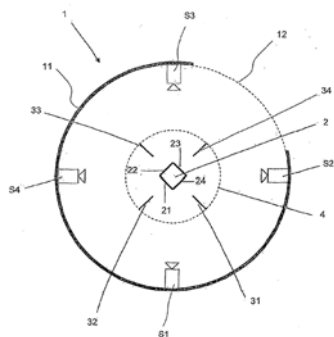
(54) Title of the invention : CALIBRATION OF LASER LIGHT SECTION SENSORS DURING SIMULTANEOUS MEASUREMENT

(51) International classification :G01B11/25
 (31) Priority Document No :10 2011 000 304.5
 (32) Priority Date :25/01/2011
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2012/051129
 Filing Date :25/01/2012
 (87) International Publication No :WO 2012/101166
 (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)FREITAG, Stefan
2)SEDLMAIER, Albert
3)LANG, Udo

(57) Abstract :

The present invention relates to a method and a measuring apparatus (1) for measuring an extruded profile (2) using a measuring apparatus (1) during the simultaneous calibration thereof, wherein the measuring apparatus (1) is designed to produce and measure at least two laser light sections on a surface (20) of the extruded profile (2), which is being pulled through the measuring apparatus (1), by means of at least one laser light section sensor (S1-S4) from a respective, different position around the extruded profile (2), wherein the at least two laser light sections are situated essentially in one plane. In this case, the at least one laser light section sensor (S1-S4) captures at least two references and/or reference markers (31-34) from the adjacent positions together with the extruded profile (2) in a respective common measurement capture area, said references and/or reference markers being used to calibrate respective raw image data with respect to calibrated raw image data from an adjacent position. As a result, both the references or reference markers and the extruded profile (2) in the calibrated raw image data are correctly mapped in a common coordinate system from the respective position.



No. of Pages : 34 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2159/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : PLANT CULTIVATION SYSTEM UTILIZING PHOSPHITE AS A NUTRIENT AND AS A CONTROL AGENT FOR WEEDS AND ALGAE

(51) International classification	:A01H1/06
(31) Priority Document No	:61/420,735
(32) Priority Date	:07/12/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2011/003203
Filing Date	:07/12/2011
(87) International Publication No	:WO 2012/076984
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

**1)CENTRO DE INVESTIGACION Y DE ESTUDIOS
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(72)Name of Inventor :

1)HERRERA-ESTRELLA, Luis, R.

2)LOPEZ- ARREDONDO, Damar, L.

(57) Abstract :

A plant cultivation system, including methods, apparatus, plants, and compositions, for utilizing phosphite as a nutrient to support growth of a transgenic plant and as a control agent for unwanted organisms, such as weeds and/or algae, among others. In an exemplary method, an effective amount of phosphite is applied to a substrate, and/or to foliage above the substrate, to enhance growth of a transgenic plant and/or to act as a weed- control agent that kills weeds and/or directly suppresses growth of weeds near the transgenic plant. In another exemplary method, soil is tested for a content of phosphate, and an effective amount of phosphite for supporting growth of a transgenic plant and controlling weeds is selected and applied based on the content of phosphate. In yet another exemplary method, phosphite is used to control algae in a hydroponic system.

No. of Pages : 71 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2160/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : COATING AND ITS MANUFACTURING PROCESS

(51) International classification :C09D5/00,E04F13/02,E04B1/84
(31) Priority Document No :20115032
(32) Priority Date :12/01/2011
(33) Name of priority country :Finland
(86) International Application No :PCT/FI2012/050024
Filing Date :12/01/2012
(87) International Publication No:WO 2012/095562
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ACOUSTIC GROUP OY
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ESPOO, FINLAND
(72)**Name of Inventor :**
1)SILFVERHUTH, Esa

(57) Abstract :

The present invention relates to a coating composition comprising a natural fibre-bearing dry matter mixture, as well as cellular plastic grains, mixed into water. By spreading this composition onto any base, particularly by spraying, and by hardening it, particularly through drying, the coating according to the invention is formed from the coating composition, which coating provides extremely good acoustic properties. If a special fibre base plate (2) based on chemical pulp is used as the base of the coating (3), the plate-like acoustic element (1) according to the invention is obtained.

No. of Pages : 29 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2161/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : CONNECTOR EMERGENCY RELEASE TOOL

(51) International classification :E21B29/12,B23D57/00
(31) Priority Document No :2011 0234
(32) Priority Date :10/02/2011
(33) Name of priority country :Norway
(86) International Application No :PCT/NO2012/000017
Filing Date :09/02/2012
(87) International Publication No :WO 2012/108775
(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)W „SEBY, Thomas

(57) Abstract :

A clamp connector emergency release tool designed for subsea operations,when normal release of a subsea clamp connector (14) is not possible, is shown and described. The tool is adapted to be handled and operated remotely by a work class ROV tool. The tool includes a clamp connector (14) adapter housing (7) arranged to engage with and connect to the clamp connector (14) body, a rotatable hole saw (11) mounted on the housing (7), a rotary motor (1) in driving connection with the hole saw (11) and a piston (3) and cylinder assembly (4,5). The piston (3) and cylinder assembly (4,5) enables advancing the rotatable hole saw (11) into the clamp connector (14) body around its jack screw, in order to separate the jack screw together with a threaded portion of said clam connector (14) in order to separate the jack screw from the clamp connector (14) body.

No. of Pages : 25 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.549/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : A COLLAPSIBLE CANOPY SHAPED DEVICE ON A MODIFIED TRAILER BED FOR HAULING STEEL COILS SECURELY, SAFELY, AND PROTECTIVELY HOLDING THE STEEL COILS

(51) International classification	:B60P	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RSB TRANSMISSIONS (I) LTD.
(32) Priority Date	:NA	Address of Applicant :NS 17-19, B 15-19, NS 20 (P)-NS 23
(33) Name of priority country	:NA	(P) 7TH PHASE, ADITYPUR INDUSTRIAL AREA,
(86) International Application No	:NA	GAMHARIA, SARAIKELA KHARASWAN, JAMSHEDPUR -
Filing Date	:NA	PIN:- 832108, Jharkhand India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)MR. SAROJ KUMAR SAHOO
Filing Date	:NA	2)MR. MADAN MOHAN PAIRA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a collapsible canopy shaped device on a modified trailer bed for hauling steel coils securely, safely, and protectively holding the steel coils, comprising a flat bed platform of a trailer having a modified part configured to a well structure or V bed secondary platform (01) disposed below the central axis of the trailer a plurality of well covering plates (02) disposed and placed along the axis of the width of the track to cover the open space of the V bed secondary platform while not in use; a collapsible canopy structure (03) with a tarpaulin cover movable over a guide rail-in both directions (front to end & end to front), the tarpaulin cover being vertically and axially extendable to cover the steel coils; a plurality of side boards (04) movably mounted on the platform for side fencing and to safe-guard the canopy structures; a plurality of side posts (05) rigidly fitted perpendicularly with the trailer platform and disposed at predetermined intervals longitudinally on the both sides of the platform; a front sided post (09) and a rear post (10) provided at the front end and at the rear end of the canopy structure; a front board (07) and a rear board (06) provided for fencing the front end and the rear end of the trailer platform; and a steel chain for fastening the coil, the ends of the steel chains being tied-up on a bracket and hook fixed on the trailer.

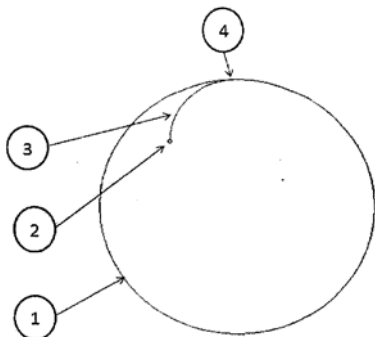
No. of Pages : 28 No. of Claims : 29

(54) Title of the invention : A METHOD FOR ELIMINATING IN ABRASIVE WATER JET CUTTING TECHNIQUE THE BLOW-OUT BLEMISH DURING HOLE MACHINING IN NON FERROUS MATERIALS

(51) International classification	:B26F	(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, DJBLOCK 3RD FLOOR,
(86) International Application No	:NA	KARUNAMOYEE,SALT LAKE CITY, KOLKATA-700091,
Filing Date	:NA	West Bengal India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)VENKATARAMAN SUDHARSANAM
Filing Date	:NA	2)VIKAS SRIVASTAV
(62) Divisional to Application Number	:NA	3)DR. NARASIMHAN RAJU
Filing Date	:NA	

(57) Abstract :

A method for eliminating blow-out blemish during hole machining of a work piece formed of non-ferrous materials in a water jet cutting machine, the machine comprising at least a work table, an orientable and movable focusing nozzle, a source for supplying pressurized water jet, a mixing chamber with abrasive particles, and a programmed control means to implement water jet cutting technique on the non-ferrous material, the method comprising the steps of, disposing the focusing nozzle at a vertically upward distance about 5 mm from the surface of the work-piece; selecting a first point of initial pierce and a second point representing start point of the hole-profile; activating the water jet and allowing the jet to pass through the mixing chamber; allowing the abrasive-laden water to strike via the nozzle at said first point so as to pierce through the entire thickness of the job; selecting an arc type jet entry profile and cutting the non-ferrous material by the water jet along said profile starting from said first point to reach said second point, the water-jet profile being controlled under a programmed apparatus while the speed of traverse of the jet is restricted to a first predetermined value; subsequently making the water jet to travel along the profile of the hole from the second point at a clockwise direction at a second predetermined speed till such time the water jet travels R% of the total perimeter of the hole profile; gradually reducing the speed of travel of the water jet to zero and allowing the jet to dwell at a point till such time cut material from the cuthole commence detaching from the parent material; increasing the travel speed of the jet profile to a third pre-determined speed so as to travel from the second point along a jet exit profile path; and deactivating the water-jet supply source.



No. of Pages : 23 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.545/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : A METHOD OF INSULATION TAPING ON HYDRO GENERATORS STATOR BARS (10) ON A CNC INSULATING TAPING MACHINE

(51) International classification

:G05B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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Address of Applicant :REGIONAL OPERATIONS

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1)JAGDISH SINGH TOMER

2)OM PAL SINGH

3)SUDHIR KUMAR AGARWAL

4)SUSHIL KUMAR NEGI

5)AJAY KUMAR SRIVASTAVA

(57) Abstract :

The end-holding clamp (5) of CNC insulating taping machine is movable end hence is moved from its position to avoid collision with tapping head during taping on hydrogenerator stator bars (10). The clamp (16) is disposed to act as a bridge between the stator bar end (3) and movable end holding clamp (5) of CNC taping machine. The clamp (16) is disposed to act as a bridge between the stator bar end (3) and movable end-holding clamp (5) of CNC taping machine. The clamp (16) holds the stator bar (10) at end (3) without any change in position of stator bar (10) on CNC taping machine and makes the CNC insulation taping machine suitable for hydro generator stator bars.

No. of Pages : 14 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2176/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHOD FOR OPERATING A SOLAR-THERMAL PARABOLIC TROUGH POWER PLANT

(51) International classification :F01K13/02,F22B1/00,F22B35/10 (31) Priority Document No :102011004269.5 (32) Priority Date :17/02/2011 (33) Name of priority country :Germany (86) International Application No :PCT/EP2012/051942 Filing Date :06/02/2012 (87) International Publication No :WO 2012/110344 (61) 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 München GERMANY (72)Name of Inventor : 1)Jan BRÜCKNER 2)Frank THOMAS
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(57) Abstract :

The invention relates to a method for operating an indirectly heated, solar-thermal steam generator (3) and to an indirectly heated, solar-thermal steam generator (3). A heat transfer medium (4) is used in the solar-thermal steam generator (3). The supply water mass flow M is predictively controlled by a device (5) for adjusting the supply water mass flow M. To this end, a nominal value Ms is fed to the device (5). A correction value KT, by which thermal storage effects of stored or withdrawn thermal energy are corrected, is taken into account by the nominal value Ms.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2298/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : FILM COVERED BATTERY AND METHOD FOR SCREENING SAME

(51) International classification :H01M2/02,H01M2/10,H01M10/04
(31) Priority Document No :2010-293001
(32) Priority Date :28/12/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/078099
Filing Date :05/12/2011
(87) International Publication No :WO 2012/090652
(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)MIZUTA Masatomo
3)HAYASHI Yuko
4)MIURA Akinori
5)YAKAWA Tetsuya

(57) Abstract :

A film covered battery (1) comprises a battery element (10) equipped with a plurality of electrode plates laminated via separators and an exterior film (40) for hermetically sealing the battery element (10). A cover film (50) is attached to a hollow (51) present in predetermined regions (60,62) set on the surface of the exterior film (40). The regions (60,62) are regions obtained by removing overlapped regions (61) from regions obtained by projecting the electrode plates to the surface of the exterior film (40), the overlapped regions (61) being regions where the regions (60,62) are overlapped with members (13a) interposed between the electrode plates at the outermost layers and the exterior film (40). It is possible to cover the hollow (51) on the surface without increasing the thickness of the film covered battery (1).

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

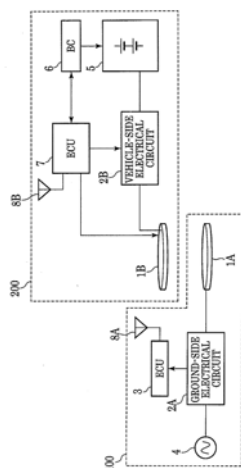
(54) Title of the invention : NON-CONTACT CHARGING DEVICE

(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/JP2011/076427
 Filing Date :16/11/2011
 (87) International Publication No :WO 2012/090612
 (61) Patent of Addition to
 Application Number :NA
 Filing Date :NA
 (62) Divisional to Application
 Number :NA
 Filing Date :NA

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 Yokohama-shi, Kanagawa 221-0023, JAPAN
 (72)Name of Inventor :
1)KAI Toshihiro
2)KRAISORN Throngnumchai

(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); and a charging-permitted range setting means, which sets a charging- permitted range which shows the range of the position of the power transmitting coil (1A), relative to the position of the power receiving coil (1B), for which the charging of the battery (5) is permitted, in accordance with the charge- state as detected by the charge-state detection means.



No. of Pages : 68 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2235/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : SEA CONTAINER THAT CAN BE CLOSED ON ALL SIDES

(51) International classification :B65D88/12,B65D90/12,E04B1/343
(31) Priority Document No :10 2011 000 950.7
(32) Priority Date :25/02/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/053103
Filing Date :23/02/2012
(87) International Publication No :WO 2012/113885
(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)DINTER, Jens-Heiko
2)FASS, Uwe

(57) Abstract :

The invention relates to a sea container (10) that can be closed on all sides, comprising a base frame (28), which has four corner posts (44, 46, 48, 50), a top-side frame (32), and a bottom-side frame construction (42), wherein the corner posts are rigidly connected to the top-side frame (32) and to the bottom-side frame construction (42). The bottom-side frame construction (42) has a bearing frame (52), wherein installations in the container (10) are fastened to the bearing frame and the bearing frame (52) has tie-down means (54) for tying down and for absorbing forces acting horizontally. Thus the invention makes it possible to accommodate installations such as a deploying device for a trailing antenna in a sea container even though traditional sea containers are unsuitable therefor.

No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2236/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : PROCESS OF MAKING GYRASE AND TOPOISOMERASE IV INHIBITORS

(51) International classification	:C07D405/10,C07D405/14	(71)Name of Applicant :
(31) Priority Document No	:61/432,990	1)VERTEX PHARMACEUTICALS INCORPORATED
(32) Priority Date	:14/01/2011	Address of Applicant :130 Waverly Street, Cambridge, MA
(33) Name of priority country	:U.S.A.	02139 U.S.A.
(86) International Application No	:PCT/US2012/021281	(72)Name of Inventor :
Filing Date	:13/01/2012	1)SHANNON, Dean
(87) International Publication No	:WO 2012/097274	2)WANG, Tiansheng
(61) Patent of Addition to Application	:NA	3)GIROUX, Simon
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present application is directed to compounds, intermediates and methods for preparing compounds of formula (I), or a pharmaceutically acceptable salts thereof, wherein R is H or F, and each of R3, R4, and R5 are as defined herein. The compounds of formula (I) and pharmaceutical compositions comprising said compounds and salts inhibit bacterial gyrase and/or Topo IV and are useful in treating bacterial infections.

No. of Pages : 73 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2168/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : UNSHAPED REFRACTORY MATERIAL

(51) International classification	:C04B35/66,F27D1/10	(71)Name of Applicant :
(31) Priority Document No	:2010-279045	1)KROSAKIHARIMA CORPORATION
(32) Priority Date	:15/12/2010	Address of Applicant :1-1, Higashihama-machi, Yahatanishi-
(33) Name of priority country	:Japan	ku, Kitakyushu-shi, Fukuoka, 806-8586 JAPAN
(86) International Application No	:PCT/JP2011/077141	(72)Name of Inventor :
Filing Date	:25/11/2011	1)NISHI, Kouichi
(87) International Publication No	:WO 2012/081373	2)NISHI, Takashi
(61) Patent of Addition to Application	:NA	3)KONDOU, Daisuke
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is a castable refractory which does not tend to generate cracks or explosions when drying. This castable refractory comprising an organic fiber and constructed by adding water is characterized in that water content of the organic fiber is less than 3 mass% and in that a polyethylene fiber in which oil is attached to the surface thereof is used.

No. of Pages : 27 No. of Claims : 2

(54) Title of the invention : MOBILE TERMINAL AND METHOD FOR CONTROLLING THE SAME IN CONSIDERATION OF COMMUNICATION ENVIRONMENT

(51) International classification :H04W88/02,H04W52/04
 (31) Priority Document No :10-2011-0011983
 (32) Priority Date :10/02/2011
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2012/001004
 Filing Date :10/02/2012
 (87) International Publication No :WO 2012/108719
 (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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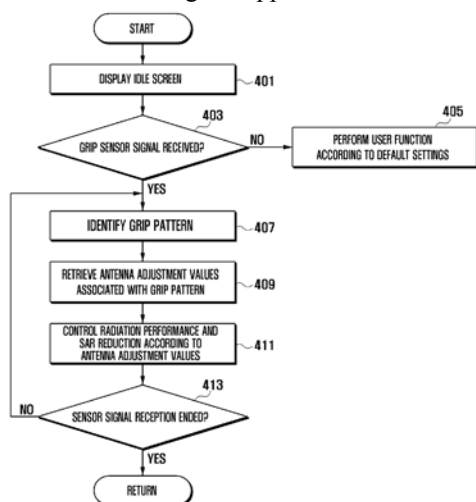
(72)Name of Inventor :

1)Yong Jun YU

2)Il Seob BAEK

(57) Abstract :

A mobile terminal and a method for controlling the same in consideration of communication environment are disclosed. The mobile terminal includes: a grip sensor unit generating sensing signals corresponding to user grip; a control unit identifying a grip pattern on the basis of sensing signals from the grip sensor unit, extracting communication control information associated with the identified grip pattern, and performing at least one of power control and antenna tuning control; and a communication means to which power control and antenna tuning are applied under control of the control unit.



No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2170/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : CONSTRUCTION MACHINE

(51) International classification	:E02F9/00,F01N3/08	(71)Name of Applicant :
(31) Priority Document No	:2011-006234	1)Hitachi Construction Machinery Co., Ltd.
(32) Priority Date	:14/01/2011	Address of Applicant :5-1, Koraku 2-chome, Bunkyo-ku,
(33) Name of priority country	:Japan	Tokyo 112-8563, JAPAN
(86) International Application No	:PCT/JP2012/050260	(72)Name of Inventor :
Filing Date	:10/01/2012	1) Takahiro KOBAYASHI
(87) International Publication No	:WO 2012/096255	2)Tsuyoshi NAKAMURA
(61) Patent of Addition to Application		3)Kensuke SATO
Number	:NA	4)Hiroyuki AZUMA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

[Problem] To provide a construction machine wherein it is possible to prevent the temperature of a battery and aqueous urea within an aqueous urea tank from rising and to ensure high vehicle stability. [Solution] A small revolving hydraulic shovel (1) provided with: a counter weight (6) disposed on the rear end of a revolving body (3) of which the front is disposed with a front work machine (4); an engine (5a) disposed within an engine room (5) that is in front of the counter weight (6); a heat exchanger (15) for exchanging heat with the engine (5a); a fan (16) for bringing in outside air from an intake port (5b) formed on the exterior of the engine room (5) into the engine room (5) and for cooling the heat exchanger (15); a tail pipe (20) disposed on the exterior of the engine room (5); an aqueous urea tank (12) for storing aqueous urea which purifies the exhaust gas discharged from the engine (5a); and batteries (13a, 13b) for supplying power to the engine (5a). The aqueous urea tank (12) and the batteries (13a, 13b) are disposed further upstream of the outside air flow than the heat exchanger (15).

No. of Pages : 41 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.556/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :16/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : AN IMPROVED AIR NOZZLE DEVICE FOR ENHANCED LEVEL OF AIR PENETRATION INTO FURNACE OF A CIRCULATING FLUIDIZED BED BOILER

(51) International classification	:F23C	(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, DJBLOCK 3RD FLOOR,
(86) International Application No	:NA	KARUNAMOYEE,SALT LAKE CITY, KOLKATA-700091,
Filing Date	:NA	West Bengal India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)MUKUNDARAJAN LAKSHMINARASIMHAN
Filing Date	:NA	2)SRIRANGAM VASUDEVAN SRINIVASAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An improved air nozzle device for enhanced level of air penetration into furnace of a circulating fluidized bed combustion (CFBC) boiler, the device comprising a plurality of secondary air injection nozzles disposed at different heights on the side wall of the boiler to generate a penetrative jet of air (3) for completion of combustion in the CFBC boiler; axial air velocity controller unit comprising a slide opening (8) and an adjustable positioner (9).

No. of Pages : 15 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2326/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : STRUCTURAL ELEMENT FOR GENERATING THERMOELECTRIC POWER AND METHOD FOR THE PRODUCTION THEREOF

(51) International classification :C04B28/18,H01L35/22,H01L35/32
(31) Priority Document No :20 2010 016 971.2
(32) Priority Date :27/12/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/006139
Filing Date :07/12/2011
(87) International Publication No :WO 2012/089295
(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)AIYSH, Jehad

(57) Abstract :

The invention relates to a thermoelectric structural element (9) for generating thermoelectric power that is formed by at least two layers (1, 2) and two metallic electrical contacts (4, 5). The layers (1, 2) contain mixtures primarily of chalk and quartz sand, with the layers (1, 2) comprising different mixtures. Using different thicknesses of the metallic electrical contacts (4, 5) and the layers (1, 2), the thermoelectric structural element (9) can be produced, inter alia, as a facade panelling, masonry wall element or wallpaper. The invention also relates to a method for producing a thermoelectric structural element (9).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2140/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : TAMPON APPLICATOR

(51) International classification	:A61F13/32
(31) Priority Document No	:2010-290081
(32) Priority Date	:27/12/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/007305
Filing Date	:27/12/2011
(87) International Publication No	:WO 2012/090488
(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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Shikokuchuo-shi, Ehime, 7990111 JAPAN
(72)**Name of Inventor :**
1)ITO, Yukihiro
2)TANIGUCHI, Kenta
3)YAMAKI, Kouichi

(57) Abstract :

A tampon applicator 1 includes an outer cylinder 2 in which an absorber 4 is housed, and a push-out opening 8 through which the absorber is to be pushed out is provided at one side and a grip cylinder unit 7 is provided at the other side, and an inner cylinder 3 which is inserted into the grip cylinder unit 7 and being moved into the outer cylinder 2 to be thereby able to push out the absorber 4 outward through the push-out opening 8. The tampon applicator 1 includes a grip jaw unit 11 configured to extend from an outer circumferential face of the grip cylinder unit 7 of the outer cylinder outwardly in a radial direction, wherein a finger hook unit 11a by which a finger of a user is to be hooked is formed at the grip jaw unit 11.

No. of Pages : 28 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2141/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : FUNCTIONALIZATION OF NANOFIBROUS MICROFILTRATION MEMBRANES FOR WATER PURIFICATION

(51) International classification	:B01D71/06
(31) Priority Document No	:61/429,603
(32) Priority Date	:04/01/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/020206
Filing Date	:04/01/2012
(87) International Publication No	:WO 2012/094407
(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)CHU, Benjamin
3)HSIAO, Benjamin, S.

(57) Abstract :

A high flux and low pressure drop microfiltration (MF) membrane and a method for making the MF membrane. The microfiltration membranes are formed by a method that includes: preparing a nanofibrous structure; and modifying the surface of the nanofibrous structure with a surface modifier. The nanofibrous structure includes an electrospun nanofibrous scaffold or a polysaccharide nanofiber infused nanoscaffold or mixtures thereof. The electrospun nanofibrous scaffold can include polyacrylonitrile (PAN) or polyethersulfone (PES)/polyethylene terephthalate (PET) or mixtures thereof. The surface modifier includes polyethylenimine (PEI) and polyvinyl amine (Lupamin) cross-linked by ethylene glycol diglycidyl ether (EGdGE)/glycidyltrimethylammonium chloride (GTMAC1) or poly(1-(1- vinylimidazolium)ethyl-3-vinylimidazolium dibromide (VEVIMIBr).

No. of Pages : 47 No. of Claims : 17

(54) Title of the invention : ELECTRIC STOVE

(51) International classification :A47J37/06,F24C7/04,F24C15/22
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :PCT/JP2011/052539
 Filing Date :07/02/2011
 (87) International Publication No :WO 2012/107992
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

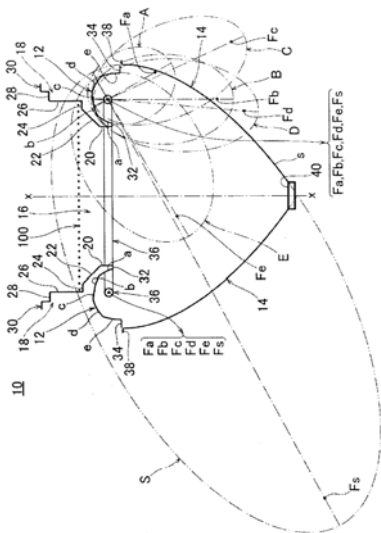
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5670854 JAPAN

(72)Name of Inventor :

1)TAKITA, Masaaki

(57) Abstract :

The purpose of the invention is to provide an electric grill wherein further improvements have been made to enable further reduction in loss of heating efficiency by increasing further the reflection efficiency of heat rays at the mirror surfaces. The electric grill (10) comprises: an electric heating element (36) that is disposed so as to be shifted from being directly below the objects to be heated (W); a first mirror surface (12) that is disposed so as to surround the electric heating element (36) and reflects heat rays radiated from the electric heating element (36); and a second mirror surface (14) that is disposed below the electric heating element (36) and reflects heat rays reflected at the first mirror surface (12) substantially upward to gather the heat below the objects to be heated (W); and is characterized in that: the first mirror surface (12) comprises multiple partial elliptical mirror surfaces (a - e) that have one focal point near the electric heating element (36) and the other focal point below the electric heating element (36); and the second mirror surface (14) comprises a partial elliptical mirror surface (s) that has one focal point near the electric heating element (36) and the other focal point below the electric heating element (36).



No. of Pages : 51 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2224/KOLNP/2013 A

(19) INDIA

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

(43) Publication Date : 22/11/2013

(54) Title of the invention : A DISPENSING MACHINE ASSEMBLY AND METHOD OF CONTROLLING THE SAME

(51) International classification	:B05C5/00
(31) Priority Document No	:04425625.3
(32) Priority Date	:10/08/2004
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2005/02300
Filing Date	:03/08/2005
(87) International Publication No	: WO/2006/016241
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:3897/KOLNP/2006
Filed on	:22/12/2006

(71)Name of Applicant :

1)TUTTOESPRESSO S.P.A.

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CARONNO PERTUSELLA ITALY

(72)Name of Inventor :

1)DOGLIONI MAJER, LUCA

(57) Abstract :

A dispensing machine assembly and method of controlling the same are disclosed. The dispensing machine assembly comprising one or more modules or sub assemblies, at least one of said modules being provided with a readable memory device, or tag, having a read-only memory portion and a writeable memory portion, said machine comprising a controller device, including a tag reader, for interacting with said memory device, wherein said tag contains a re-writable memory portion containing initial data concerning an amount of consumables, said data being progressively altered by said controller device in said tag re-writable memory portion with the module use, wherein use of said module is denied after all data have been altered.

No. of Pages : 33 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2349/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : DEVICE FOR HANDLING OBJECTS

(51) International classification	:B25J15/00
(31) Priority Document No	:10 2011 014 674.1
(32) Priority Date	:22/03/2011
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2012/000863
Filing Date	:28/02/2012
(87) International Publication No	:WO 2012/126567
(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)RIETHMÜLLER, Christoph

2)RUSCHULTE, Jörg

(57) Abstract :

The invention relates to a device for handling objects, comprising at least one inflatable air chamber (12) and a retaining unit (14) for objects (16), which is attached to the air chamber (12), to a robot or manipulator, characterized by at least one device for handling objects, and to a method for handling objects using the aforementioned device, characterized by the steps of: moving the device with the side thereof comprising the retaining unit (14) to the object (16) to be handled in a first position (I); establishing an adhesive connection between the retaining unit (14) and the object to be handled (16), thus retaining the object (16); moving the device to a desired second position (II), and releasing the object (16) from the retaining unit by inflating the at least one air chamber.

No. of Pages : 17 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/07/2013

(21) Application No.2350/KOLNP/2013 A

(43) Publication Date : 22/11/2013

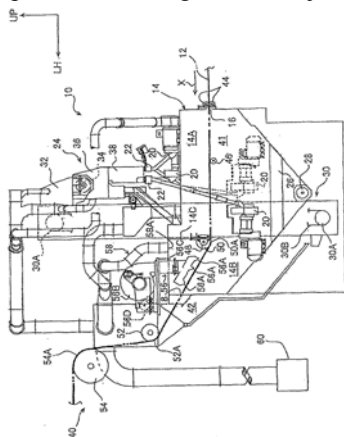
(54) Title of the invention : SHOT TREATMENT APPARATUS

(51) International classification :B24C3/32,B24C9/00
(31) Priority Document No :2010-294090
(32) Priority Date :28/12/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/063742
Filing Date :15/06/2011
(87) International Publication No :WO 2012/090531
(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)YAMAMOTO, Masatoshi

(57) Abstract :

Provided is a shot treatment apparatus, which can remove, on a transfer line after projection, an adhered material from a subject to be treated. A transfer line of a subject to be treated (12) is provided with a guide roller group (40), and the subject to be treated (12) is guided to the downstream in the transfer direction by means of the guide roller group (40). In a first region (41) that includes a region where a projection material is projected by means of a projector (20), the subject to be treated (12) is guided in the horizontal direction toward the downstream in the transfer direction, and in a second region (42) in the downstream of the first region (41) in the transfer direction, the subject to be treated is guided in the upward direction toward the downstream in the transfer direction. Furthermore, above the second region (42), a gas outflow port (56A) of an air blower apparatus (56) is disposed, and the air blower apparatus (56) is capable of blowing, to the subject to be treated (12), a gas toward the upstream in the transfer direction.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2139/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : DRY-TYPE CLEANING CHASSIS, DRY-TYPE CLEANING DEVICE, AND DRY-TYPE CLEANING SYSTEM

(51) International classification	:B08B7/02,B08B5/04	(71)Name of Applicant :
(31) Priority Document No	:2011-040605	1)RICOH COMPANY, LTD.
(32) Priority Date	:25/02/2011	Address of Applicant :3-6, Nakamagome 1-chome, Ohta-ku,
(33) Name of priority country	:Japan	Tokyo, 1438555 JAPAN
(86) International Application No	:PCT/JP2012/054334	(72)Name of Inventor :
Filing Date	:15/02/2012	1)FUCHIGAMI, Akihiro
(87) International Publication No	:WO 2012/115174	2)OKAMOTO, Yoichi
(61) Patent of Addition to Application	:NA	3)TSUKAHARA, Kohji
Number	:NA	4)MURATA, Shozo
Filing Date	:NA	5)TANEDA, Yusuke
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A dry-type cleaning chassis (4) for cleaning a cleaning target (20) by colliding the cleaning media (5) with the cleaning target (20), the cleaning media (5) being blown by an air flow includes an internal space (26) where the cleaning media (5) are to fly; an opening part (18) being in contact with the cleaning target (20) so that the cleaning media (5) collide with the cleaning target (20); an air inlet duct (24A) introducing external air into the internal space (26); a suction port (8) generating a first air flow caused by a circulating air flow in the internal space (26) by suctioning the introduced external air; an injection port (24B) generating at least a second air flow increasing a speed of the cleaning media (5) flown by the circulating air flow; and a porous unit (14) passing objects removed from the cleaning target (20) to a suction port (8) side.

No. of Pages : 101 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2256/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :15/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : SPARK PLUG

(51) International classification :H01T13/20,C22C19/03,H01T13/39
(31) Priority Document No :2010-287072
(32) Priority Date :24/12/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/007207
Filing Date :22/12/2011
(87) International Publication No :WO 2012/086206
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NGK SPARK PLUG CO., LTD.
Address of Applicant :14-18, Takatsuji-cho, Mizuho-ku,
Nagoya-shi, Aichi 467-8525, JAPAN
(72)Name of Inventor :
1)KUNO Takehito
2)YOSHIMOTO Osamu
3)TANAKA Tomoo

(57) Abstract :

This invention addresses the problem of providing a spark plug (1) formed by securely welding a ground electrode (6) by electrical resistance welding. The spark plug (1) is formed by providing a cylindrical main body metal fitting (4) and a ground electrode (6) electrical resistance welded to the end of the main body metal fitting (4). The spark plug (1) is characterized in that the main body metal fitting (4) has a high- hardness region (42) with a Vickers hardness of 3×10^2 - 5×10^2 Hv, and in the cross section of the high-hardness region (42) in the plane containing the axis line of the spark plug (1) and the axis line of the ground electrode (6), the length d from the weld interface on the ground electrode (6) side to the weld interface on the main body metal fitting (4) side in the load direction at the time of the electrical resistance welding is between 0.3 mm and 0.8 mm.

No. of Pages : 47 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.861/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :30/07/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : LOW YIELD RATIO HIGH-STRENGTH HOT-DIP GALVANIZED STEEL SHEET, LOW YIELD RATIO HIGH-STRENGTH HOT-DIP GALVANNEALED STEEL SHEET, METHOD FOR MANUFACTURING LOW YIELD RATIO HIGH-STRENGTH HOT-DIP GALVANIZED STEEL SHEET, AND METHOD FOR MANUFACTURING LOW YIELD RATIO HIGH-STRENGTH HOT-DIP GALVANNEALED STEEL SHEET

(51) International classification	:C23C2/40	(71)Name of Applicant :
(31) Priority Document No	:2012-114521	1)JFE STEEL CORPORATION
(32) Priority Date	:18/05/2012	Address of Applicant :2-3,UCHISAIWAI-CHO 2-CHOME, CHIYODA-KU, TOKYO 100-0011 JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)HIROSHI HASEGAWA
Filing Date	:NA	2)YOSHIYASU KAWASAKI
(87) International Publication No	: NA	3)SHINJIRO KANEKO
(61) Patent of Addition to Application Number	:NA	4)YASUNOBU NAGATAKI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A low yield ratio high-strength hot-dip galvanized steel sheet includes as chemical composition, by % by mass, 0.03% to 0.20% C, 1.0% or less Si, more than 1.5% to 3.0% Mn, 0.10% or less P, 0.05% or less S, 0.10% or less Al, 0.010% or less N, 0.5% or less Cr, and 0.01% to 0.50% Mo, and the balance Fe with inevitable impurities, and also includes a structure including a ferrite and a second phase. The ferrite has an area ratio of 50% or more, and the second phase includes martensite whose area ratio is in the range from 7% to less than 25%. The thickness of a band-like structure formed by the second phase satisfies the predetermined equation.

No. of Pages : 39 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.567/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :18/05/2012

(43) Publication Date : 22/11/2013

(54) Title of the invention : STEP TO CHARGE

(51) International classification

:H02N

(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)AVINASH KUMAR

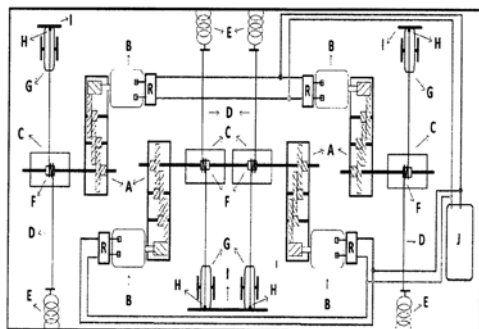
Address of Applicant :FLAT NO - 218/400, RAJVANSHI
NAGAR, PATNA-800023, BIHAR, INDIA.

(72)Name of Inventor :

1)AVINASH KUMAR

(57) Abstract :

Step To Charge device is useful for producing one of the most easiest and pollution free electricity with the help of gravity. The device is [22 x 23 x 2.5] cm (front) and [22 x 23 x 3.5] cm (rear) in dimension. It is combined and systematic arrangement of parts A, B, C, D, E, F, G, H, I and J. With two sets of these components working together, this device produces a small pulse of current of ratings around 5 volts and around 70 mA with each step put on it and around 2.5 volts when weight is removed from it.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2088/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : METHOD FOR OPERATING BLAST FURNACE

(51) International classification :C21B5/00,C21B7/00
(31) Priority Document No :2011-007949
(32) Priority Date :18/01/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/066777
Filing Date :15/07/2011
(87) International Publication No :WO 2012/098714
(61) 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)Akinori MURAO
2)Daiki FUJIWARA
3)Shiro WATAKABE
4)Masayuki KITAHARA

(57) Abstract :

Provided is a blast furnace operation method enabling additional increase in combustion temperature and a decrease in the basic unit of reducing agents. Pulverized coal (PC: solid reducing agent), city gas (flammable reducing agent), and O2 (combustion-supporting gas) are blown, one type after another, independently, and in all types, into each of an inner tube lance, an intermediate tube lance, and an outer tube lance constituting a three-fold tube lance. Initially, the city gas burns with O2, for example, whereby the pulverized coal is explosively diffused while the temperature of the pulverized coal is significantly increased due to the heat of combustion of the city gas. This leads to an increase in heating velocity of the pulverized coal and a significant increase in combustion temperature, which enables a decrease in the basic unit of the reducing agents. Some of enriching O2 is blown through the three-fold tube lance for blasting so that oversupply of O2 can be avoided without adversely affecting the gas balance in the blast furnace, and the basic unit of the O2 used can be decreased.

No. of Pages : 56 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/06/2013

(21) Application No.2089/KOLNP/2013 A

(43) Publication Date : 22/11/2013

(54) Title of the invention : FAAH INHIBITORS

(51) International classification :C07D401/12,C07D401/14,C07D403/12
(31) Priority Document No :61/426,362
(32) Priority Date :22/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/066972
Filing Date :22/12/2011
(87) International Publication No :WO 2012/088469
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)IRONWOOD PHARMACEUTICALS, INC.
Address of Applicant :301 Binney Street, Cambridge, MA 02142, U.S.A.
(72)Name of Inventor :
1)Colleen HUDSON
2)Timothy C. BARDEN
3)James JIA
4)Ara MERMERIAN
5)Bo PENG
6)Jane YANG
7)Xiang, Y. YU
8)Kevin SPROTT
9)Angelika FRETZEN

(57) Abstract :

The present disclosure relates to compounds useful as inhibitors of the enzyme Fatty Acid Amide Hydrolase (FAAH). The disclosure also provides pharmaceutically acceptable compositions comprising the compounds of the disclosure and methods of using the compositions in the treatment or prevention of various disorders. Compounds of the invention are described in Table 1.

No. of Pages : 247 No. of Claims : 39

(54) Title of the invention : NON-LINEAR A CENE DERIVATIVES AND THEIR USE AS ORGANIC SEMICONDUCTORS

(51) International classification :C07F 7/08,H01L 51/00
 (31) Priority Document No :10015339.4
 (32) Priority Date :06/12/2010
 (33) Name of priority country :EPO
 (86) International Application No :PCT/EP2011/005621
 Filing Date :09/11/2011
 (87) International Publication No :WO 2012/076092
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)MERCK PATENT GMBH

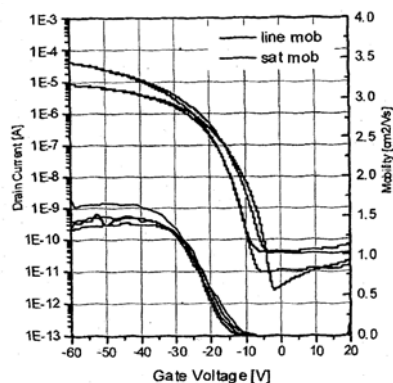
Address of Applicant :Frankfurter Strasse 250, 64293 Darmstadt, GERMANY

(72)Name of Inventor :

1)MITCHELL, WILLIAM**2)WANG, CHANGSHENG****3)D'LAVARI, MANSOOR****4)BLOUIN, NICOLAS****5)TIERNEY, STEVEN**

(57) Abstract :

The invention relates to semiconducting pigments based on plate shaped substrates which have a doped tin dioxide layer on the surface and to the use of the pigments in dyes paints printing inks plastics security applications floor coverings films formulations ceramic materials glasses paper for laser marking in thermal protection in dry preparations in pigment preparations and in particular as a varistor pigment.



No. of Pages : 82 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2280/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : TOILET SEAT HINGE ASSEMBLY

(51) International classification	:A47K13/12
(31) Priority Document No	:61/424,111
(32) Priority Date	:17/12/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/065315
Filing Date	:16/12/2011
(87) International Publication No	:WO 2012/083096
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BEMIS MANUFACTURING COMPANY

Address of Applicant :300 Mill Street, Sheboygan Falls, WI
53085 U.S.A.

(72)Name of Inventor :

1)HAND, Joseph

2)LE MAHIEU, Brian, L.

3)HENNE, Brian, A.

4)GREBEL, Randall

(57) Abstract :

A hinge assembly for mounting a toilet seat to a toilet bowl includes a hinge post, a bolt having a head and a threaded shaft configured to extend into a bore in the toilet bowl for securing the hinge post to the toilet bowl, and an adaptor having a first segment coupled to the head of the bolt, a second segment, and a shear segment connecting the first and second segments. The first and second segments are both configured to be engaged by a tool to rotate the bolt. The shear segment has a lower torque resistance than the first and second segments such that the shear segment breaks when a torque applied to the second segment reaches a predetermined amount. The head of the bolt is fit into the adaptor such that the first segment of the adaptor surrounds the head.

No. of Pages : 45 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2282/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/07/2013

(43) Publication Date : 22/11/2013

(54) Title of the invention : C11-C13 DIALKYL ESTERS OF FURANDICARBOXYLIC ACID AS SOFTENERS

(51) International classification	:C07D 307/68 C08K5/12	(71)Name of Applicant : 1)EVONIK OXENO GMBH Address of Applicant :PAUL-BAUMANN-STR. 1, 45772 MARL, GERMANY
(31) Priority Document No	:102011004675.5	
(32) Priority Date	:24/02/2011	
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2012/051304	1)BECKER, HINNERK GORDON
Filing Date	:27/01/2012	2)GRASS, MICHAEL
(87) International Publication No	:WO 2012/113607	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to the use of C11-C13 dialkyl esters of furandicarboxylic acid in softeners.

No. of Pages : 28 No. of Claims : 19

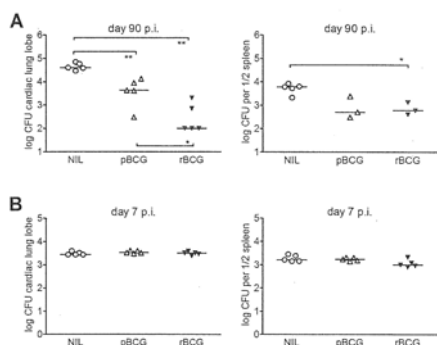
(54) Title of the invention : DETERMINATION OF THE EFFICACY OF AN ANTI-MYCOBACTERIAL VACCINATION

(51) International classification :G01N33/50,A61K39/04,A61K39/05
 (31) Priority Document No :61/425,442
 (32) Priority Date :21/12/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/EP2011/073609
 Filing Date :21/12/2011
 (87) International Publication No :WO 2012/085099
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)MAX -PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E.V.
 Address of Applicant :Hofgartenstraße 8, 80539 München, GERMANY
2)VAKZINE PROJEKT MANAGEMENT GMBH
 (72)Name of Inventor :
1)DESEL Christiane
2)KAUFMANN Stefan H.E.
3)BANDERMANN Silke
4)GRODE Leander

(57) Abstract :

The invention relates to methods and reagents for determining efficacy of vaccine, particularly of a tuberculosis vaccine.



No. of Pages : 41 No. of Claims : 13

**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 applications 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, give notice to the Controller of Patents 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	APPROPRI ATE OFFICE
256088	M/s. MYLAN LABORATORIES LTD	NOVEL PROCESS FOR THE PREPARATION OF METHYL 2-[(3S)-[3-[(2E)-(7- CHLOROQUINOLIN-2- YL)ETHENYL]-PHENYL]-3- HALOPROPYL]BENZOATE	18/01/2013	CHENNAI

**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.

Sl.No.	Appln. No.	Patent No.	Applicants	Title	Date of Publication U/R.84(3)	Appropriate Office
1.	IN/PCT/2001/849/KOL	198552	REUTER CHEMISCHE APPARATEBAU KG	A PROCESS FOR ISOLATING ENANTIOMER COMPOUNDS FROM A MIXTURE OF COMPOUNDS	19.06.2009	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	192523	2370/DEL/1995	21/12/1995		AN IMPROVED PROCESS FOR PREPARATION OF BISMUTH BASED OXIDE SUPERCONDUCTOR TAPES WITH VERY HIGH CRITICAL CURRENT DENSITIES	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	30/04/2004	DELHI
2	257874	3060/DELNP/2004	14/04/2003	19/04/2002	A METHOD AND APPARATUS FOR ENABLING A DEMODULATOR TO LOCK ON TO A CHANNEL	THOMSON LICENSING S.A	09/10/2009	DELHI
3	257875	3556/DELNP/2005	17/03/2004	17/03/2003	A COMMUNICATION SYSTEM FOR TRANSMITTING ELECTRONIC MAIL	EPOSTAL SERVICES, INC.	24/08/2007	DELHI
4	257876	986/DEL/2007	07/05/2007 17:21:41	05/05/2006	METHOD AND SYSTEM FOR SENDING SECURE MESSAGES	RESEARCH IN MOTION LIMITED	09/11/2007	DELHI
5	257877	6163/DELNP/2006	29/04/2004	29/04/2004	GROOVED STIFFENED PROFILE	MARTINEZ-CEPEDA FEDERICO	06/11/2009	DELHI
6	257878	1560/DELNP/2003	18/04/2002	18/04/2001	A METHOD FOR PROVIDING A SECURE POWERLINE-MODEM NETWORK	THOMSON LICENSING S.A.	27/05/2005	DELHI
7	257879	1955/DELNP/2007	14/09/2005	16/09/2004	A PROCESS OF REDUCING ACROLEIN BYEPRODUCT FROM POLYTRIMETHYLENE TEREPHTHALATE AND THE PRODUCT THEREOF	LURGI ZIMMER GMBH.,	17/08/2007	DELHI
8	257883	1074/DELNP/2006	23/09/2004	23/09/2003	A METHOD OF FORMING A DEVICE STRUCTURE AND SEMICONDUCTOR THEREFOR	INTEL CORPORATION	10/08/2007	DELHI
9	257884	789/DELNP/2003	21/11/2001	23/11/2000	HYBRID POWER SOURCES DISTRIBUTION MANAGEMENT	RICARDO UK LIMITED	18/12/2009	DELHI
10	257885	4173/DELNP/2004	11/07/2003	15/07/2002	MOTION ESTIMATION WITH WEIGHTING PREDICTION	M/S. THOMSON LICENSING S.A.	04/12/2009	DELHI

11	257886	73/DELNP/2006	05/08/2003	05/08/2003	ELECTRODEIONIZATION MODULE COMPRISING ONCE ION-EXCHANGE MEMBRANE	MILLIPORE CORPORATION ,	24/08/2007	DELHI
12	257888	2196/DELNP/2005	24/10/2003	25/10/2002	A SYSTEM FOR REDUCING SIGNAL DISTORTION IN A RECEIVER	GCT SEMICONDUCTOR, INC.	02/03/2007	DELHI
13	257891	7508/DELNP/2006	29/06/2005	29/06/2004	LAUNDRY DETERGENT COMPOSITIONS WITH EFFICIENT HUEING DYE	THE PROCTER & GAMBLE COMPANY	17/08/2007	DELHI
14	257892	8964/DELNP/2007	15/05/2006	31/05/2005	A METHOD OF PREPARING A SULFUR-CONTAINING POLYURETHANE	PPG INDUSTRIES OHIO, INC.	27/06/2008	DELHI
15	257893	3705/DELNP/2008	13/10/2006	21/10/2005	A HEAT-SEALABLE PROPYLENE - BASED POLYMER COMPOSITION	mitsui chemicals, inc.,	15/08/2008	DELHI
16	257895	2626/DELNP/2007	10/10/2005	10/11/2004	A METHOD OF CONTROLLING RECEIPT OF SIGNALS AT A TERMINAL OF A COMMUNICATIONS SYSTEM	NOKIA SIEMENS NETWORKS GMBH & CO. KG,	03/08/2007	DELHI
17	257897	2403/DELNP/2006	15/09/2004	30/09/2003	A METHOD AND NETWORK PROCESSOR FOR HIERARCHICAL SCHEDULING	INTERNATIONAL BUSINESS MACHINES CORPORATION	03/08/2007	DELHI
18	257898	7542/DELNP/2008	07/02/2007	10/02/2006	PROCESS FOR PRODUCING O-METHYL-N-NITROISOUREA	mitsui chemicals, inc.,	26/09/2008	DELHI
19	257899	IN/PCT/2001/00769/DEL	28/08/2001	01/03/1999	OPTICAL FIBER DISTRIBUTION FRAME WITH PIVOTING CONNECTOR PANELS	ADC TELECOMMUNICATIONS, INC.	13/03/2009	DELHI
20	257902	7172/DELNP/2008	19/02/2007	23/02/2006	A COMPOSITION FOR POLYTHIOURETHANE OPTICAL MATERIALS AND A PROCESS THEREOF	MITSUI CHEMICALS, INC	03/10/2008	DELHI
21	257903	407/DELNP/2006	22/06/2004	23/06/2003	ENGINEERING SINGLE-GENE-CONTROLLED STAYGREEN POTENTIAL INTO PLANTS	PIONEER HI-BRED INTERNATIONAL INC.,THE REGENTS OF UNIVERSITY OF CALIFORNIA	30/11/2007	DELHI
22	257904	454/DELNP/2007	15/07/2005	22/07/2004	HER2 ANTIBODY COMPOSITION	GENENTECH, INC.	17/08/2007	DELHI
23	257906	1908/DELNP/2008	01/09/2006	01/09/2005	METHOD FOR PREPARATION OF PHARMACEUTICAL COMPOSITION HAVING IMPROVED DISINTEGRABILITY	EISAI R&D MANAGEMENT CO., LTD.	27/06/2008	DELHI

24	257908	488/DEL/2004	16/03/2004		A PROCESS FOR PREPARATION OF GREEN TEA USING INFRARED RADIATION	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	26/05/2006	DELHI
25	257909	2813/DELNP/2007	15/09/2005	17/09/2004	A PORTABLE APPARATUS FOR MEASURING THE BOILING POINT PROFILE,DENSITY AND TOTAL ACID NUMBER OF A REFINERY FEEDSTOCK	BP OIL INTERNATIONAL LIMITED	03/08/2007	DELHI
26	257910	653/DEL/2006	10/03/2006		AN IMPROVED CATALYST COMPOSITE AND A PROCESS FOR THE LIQUID PHASE OXIDATION OF TOLUENE TO BENZALDEHYDE	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	26/08/2011	DELHI
27	257914	703/DEL/2006	14/03/2006		Osmotic dehydration process for the preparation of prebiotic enriched fruits and vegetables using fructooligosaccharide syrup	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	28/09/2007	DELHI
28	257916	670/DEL/2004	02/04/2004		A CHIMERIC MONOCLONAL ANTIBODY P1P1P OF HIGH SPECIFICITY AND AFFINITY FOR BINDING TO HCG	THE TALWAR RESEARCH FOUNDATION	02/06/2006	DELHI
29	257917	1218/DEL/2004	30/06/2004		PYRROLO[2,1-C][1,4] BENZODIAZEPINE-NAPHTHALIMIDE CONJUGATES LINKED THROUGH PIPERAZINE MOIETY AND PROCESS FOR PREPARATION THEREOF	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	19/02/2010	DELHI
30	257921	1575/DEL/2003	30/06/1995	11/07/1994	A PROCESS FOR THE MANUFACTURE OF 1,1,1,3,3-PENTAFLUOROPROPANE	ALLIEDSIGNAL INC.	30/12/2005	DELHI
31	257923	7619/DELNP/2006	24/06/2005	25/06/2004	IMPROVED ACIDIC ACTIVATOR-SUPPORTS AND CATALYSTS FOR OLEFIN POLYMERIZATION	CHEVRON PHILLIPS CHEMICAL COMPANY, LP	17/08/2007	DELHI
32	257924	1573/DELNP/2004	09/01/2003	16/01/2002	CENTER-FILLED CHEWING GUM CONTAINING CALCIUM	KRAFT FOODS GLOBAL BRANDS, LLC	16/03/2007	DELHI
33	257926	665/DEL/2006	10/03/2006		A PROCESS FOR THE PREPARATION OF DOG CHEWS	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	26/08/2011	DELHI

34	257927	10204/DELNP/2008	26/06/2007	28/06/2006	LIQUID CONTAINER	FUJIMORI KOGYO CO.,LTD.	20/03/2009	DELHI
35	257928	2150/DELNP/2008	11/09/2006	14/08/2005	MULTI-COMPONENT, WATERBORNE COATING COMPOSITIONS, RELATED COATINGS AND METHODS	PPG INDUSTRIES OHIO, INC	11/07/2008	DELHI
36	257933	2117/DEL/2007	09/10/2007		AN ORGANIC FORMULATION FOR DECONTAMINATION OF CHEMICAL AGENTS	DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION	08/05/2009	DELHI
37	257936	4402/DELNP/2006	02/02/2005	03/02/2004	THIENO [2,3-C]PYRAZOLE DERIVATIVES OF FORMULA (I)	NERVIANO MEDICAL SCIENCES S.R.L	10/08/2007	DELHI
38	257938	6123/DELNP/2006	01/04/2005	07/04/2004	METHOD AND APPARATUS TO CONVEY A URI FOR CONTENT INDIRECTION USE IN SIP	NOKIA CORPORATION	31/08/2007	DELHI
39	257940	750/DEL/2007	03/04/2007 14:48:42	05/04/2006	SYSTEM FOR AUTOMATIC OPERATING SYSTEM INSTALLATION	DELL PRODUCTS L.P	12/10/2007	DELHI
40	257941	7966/DELNP/2006	01/06/2005	01/06/2004	ELECTRODE FOR USE IN AN ELECTROCHEMICAL DEVICE FOR ANALYSIS OF AN AQUEOUS SAMPLE	EPOCAL INC	27/04/2007	DELHI
41	257948	1727/DELNP/2007	21/02/2006	22/02/2005	IMPELLER FOR SUPERCHARGER AND METHOD OF MANUFACTURING THE SAME	HITACHI METALS PRECISION, LTD.,HITACHI METALS, LTD.,	03/08/2007	DELHI
42	257949	2250/DELNP/2006	13/08/2004	28/10/2003	A CARRIER FOR HOLDING TEST SAMPLE DEVICES THROUGH AN AUTOMATED SAMPLE TESTING INSTRUMENT	BIOMERIEUX, INC.	13/07/2007	DELHI

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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	257907	517/MUMNP/2008	22/08/2006	22/08/2005	A METHOD AND APPARATUS FOR DERIVING A TRANSMISSION POWER ADJUSTMENT	QUALCOMM INCORPORATED	26/06/2009	MUMBAI
2	257913	809/MUMNP/2003	08/01/2003	08/01/2002	LOCKING HINGED JOINT FOR VAPOR-LIQUID CONTACT TRAYS	KOCH-GLITSCH LP	29/04/2005	MUMBAI
3	257944	555/MUMNP/2008	26/10/2006	26/10/2005	FLEXIBLE MEDIUM ACCESS CONTROL (MAC) METHOD FOR AD HOC WIRELESS NETWORKS	QUALCOMM INCORPORATED	26/06/2009	MUMBAI
4	257945	1610/MUM/2006	29/09/2006		AN IMPROVED PROCESS FOR THE PREPARATION OF VENLAFAXINE AND ITS ANALOGS	CALYX CHEMICALS AND PHARMACEUTICALS LTD.	25/07/2008	MUMBAI
5	257950	1473/MUMNP/2008	17/02/2007	17/02/2006	AN APPARATUS AND METHOD FOR FAST ACCESS IN A WIRELESS COMMUNICATION SYSTEM	QUALCOMM INCORPORATED	31/10/2008	MUMBAI

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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	257880	889/CHENP/2007	02/09/2005	02/09/2004	POLYMERIC BEADS FOR OLIGOMER SYNTHESIS	ISIS PHARMACEUTICALS, INC, NITTO DENKO CORPORATION	24/08/2007	CHENNAI
2	257881	3089/CHENP/2008	15/12/2006	20/12/2005	PROCESS FOR PREPARING AMINOALKANAMIDES	BASF SE	06/03/2009	CHENNAI
3	257887	1152/CHE/2006	04/07/2006	04/07/2005	A PROCESS FOR THE PRODUCTION OF A MULTI-LAYER COMPOSITE	EVONIK DEGUSSA GMBH	22/06/2007	CHENNAI
4	257889	641/CHE/2007	29/03/2007		A METHOD WITH REGARD TO CONFERENCING AND ANONYMOUS TELEPHONY	PADMANABHAN MAHALINGAM	16/01/2009	CHENNAI
5	257890	37/CHE/2005	18/01/2005		METHOD FOR ASSESSING FABRIC SURFACE CHARACTERISTICS	YUVARAJ. D	16/03/2007	CHENNAI
6	257896	92/CHE/2007	17/01/2007		HDAC INHIBITORS	ORCHID RESEARCH LABORATORIES LTD	28/11/2008	CHENNAI
7	257900	3723/CHENP/2006	06/04/2005	07/04/2004	INHIBITORS OF IAP	NOVARTIS AG	15/06/2007	CHENNAI
8	257901	4608/CHENP/2006	06/06/2005	15/06/2004	SHATTER RESISTANT ENCAPSULATED COLORANTS FOR NATURAL SKIN APPEARANCE	BASF SCHWEIZ AG	29/06/2007	CHENNAI
9	257905	2386/CHENP/2008	30/10/2006	15/11/2005	PROCESS FOR PREPARING VINYL ACETATE WITH UTILIZATION OF THE HEAT OF REACTION LIBERATED	WACKER CHEMIE AG	06/03/2009	CHENNAI
10	257911	3911/CHENP/2008	26/01/2007	27/01/2006	PROCESS FOR PREPARING CHLORINE	BASF SE	13/03/2009	CHENNAI
11	257915	4039/CHENP/2006	30/03/2005	05/04/2004	A DEVICE FOR PROCESSING A STEREO SIGNAL	KONINKLIJKE PHILIPS ELECTRONICS N.V.	10/08/2007	CHENNAI
12	257920	4013/CHENP/2006	19/04/2005	27/04/2004	A GLOW PLUG BODY COMPRISING A PRESSURE SENSOR	SIEMENS VDO AUTOMOTIVE, FEDERAL-MOGUL IGNITION SRL	10/08/2007	CHENNAI

13	257922	1794/CHENP/2007	19/10/2005	28/10/2004	A PROCESS FOR INCORPORATING ENZYMES INTO LAUNDRY BAR AND A LAUNDRY BAR OBTAINED THEREFROM	NOVOZYMES A/S	31/08/2007	CHENNAI
14	257930	2879/CHENP/2006	04/02/2005	06/02/2004	A METHOD OF DECENTRALIZED MEDIUM ACCESS CONTROL AND A WIRELESS DEVICE	KONINKLIJKE PHILIPS ELECTRONICS N.V.	06/07/2007	CHENNAI
15	257932	797/CHENP/2008	07/07/2006	18/07/2005	ENZYME-ASSISTED SOLUBLE COFFEE PRODUCTION	KRAFT FOODS GLOBAL BRANDS LLC.,	28/11/2008	CHENNAI
16	257939	1492/CHE/2005	18/10/2005		PIPERAZINYL COMPOUNDS AS HDAC INHIBITORS	ORCHID CHEMICALS & PHARMACEUTICALS LTD	12/10/2007	CHENNAI
17	257943	1573/CHENP/2007	15/09/2005	17/09/2004	SUBSTITUTED TELLURIUM COMPOUNDS	BioMAS LTD	31/08/2007	CHENNAI
18	257947	4580/CHENP/2006	11/05/2005	14/05/2004	METHOD OF PRODUCING GERMINATED BROWN RICE	FANCL CORPORATION	29/06/2007	CHENNAI

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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	257882	4555/KOLNP/2008	16/05/2007	31/05/2006	FLAME RETARDANT POLYETHYLENE COMPOSITION COMPRISING POYPROPYLENE	BOREALIS TECHNOLOGY OY	13/03/2009	KOLKATA
2	257894	576/KOL/2006	09/06/2006		SIDE-SHIFT PROVISIONS OF THE FRONT CHASSIS OF THE COMPACTOR FOR USE DURING SHOULDER COMPACTION	ESCORTS CONSTRUCTION EQUIPMENT LIMITED.	10/04/2009	KOLKATA
3	257912	3749/KOLNP/2006	11/05/2005	14/05/2004	CARBOXAMIDO OPIOID COMPOUNDS.	JANSSEN PHARMACEUTICA N.V.	15/06/2007	KOLKATA
4	257918	195/KOL/2008	04/02/2008	14/02/2007	A CONTROLLABLE HYDRODYNAMIC TORQUE CONVERTER FOR A VEHICLE	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	22/08/2008	KOLKATA
5	257919	1570/KOL/2007	21/11/2007	12/01/2007	AN INTAKE ASSEMBLY FOR AN INTERNAL COMBUSTION ENGINE AND A METHOD FOR FORMING A RESONATOR WITH THE INTAKE ASSEMBLY	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	25/07/2008	KOLKATA
6	257925	3051/KOLNP/2006	19/04/2005	28/05/2004	PHYSIOLOGICAL COOLING COMPOSITIONS.	MILLENNIUM SPECIALTY CHEMICALS	08/06/2007	KOLKATA
7	257929	4647/KOLNP/2007	11/05/2006	12/05/2005	SUBSTITUTED ACRYLAMIDE DERIVATIVE AND PHARMACEUTICAL COMPOSITION COMPRISING THE SAME	DAIICHI SANKYO COMPANY, LIMITED	06/06/2008	KOLKATA
8	257931	2352/KOLNP/2007	22/12/2005	24/12/2004	GLYCINE DERIVATIVE	TORAY INDUSTRIES , INC.	17/08/2007	KOLKATA
9	257934	1188/KOL/2007	29/08/2007		DISPOSABLE SYRINGE GUARDED IN A PREUSE POSITION (I)	MING-JENG SHUE,DEBORAH HUANG,PHILLIP SHUE	01/05/2009	KOLKATA
10	257935	2817/KOLNP/2006	16/03/2005	05/04/2004	A LIFTING DEVICE AND A METHOD OF ADJUSTING THE DEVICE	SIEMENS AKTIENGESELLSCHAFT	01/06/2007	KOLKATA

11	257937	10/KOL/2008	02/01/2008	05/02/2007	A VEHICLE BODY FRAME	YAMAHA HATSUDOKI KABUSHIKI KAISHA	27/03/2009	KOLKATA
12	257942	1373/KOL/2006	18/12/2006		A BIOFUEL ADDITIVE FOR DIESEL ENGINES	INDIAN INSTITUTE OF TECHNOLOGY	08/05/2009	KOLKATA
13	257946	2225/KOLNP/ 2008	18/12/2006	23/12/2005	A METHOD OF CONTROLLING THE AQUATIC WEED HYDRILLA VERTICILLATA	BASF SE	16/01/2009	KOLKATA

CONTINUED TO PART- 2