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DATE: 20/11/2015

पेटंट 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.

(Om Prakash Gupta) CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

20TH NOVEMBER, 2015

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THE PATENT OFFICE KOLKATA, 20/11/2015

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पेटेंट कार्यालय

कोलकाता, दिनांक 20/11/2015

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	एंटोप हिल डाकघर के समीप,		बौद्धिक संपदा भवन,
	एस. एम. रोड, एंटोप हिल, मुम्बई- 400 037,		सीपी-2, सेक्टर- V, साल्ट लेक सिटी,
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	फ़ैक्स: (91) (22) 24130387		फोन: (91)(33) 2367 1943/44/45/46/87
	ई. मेल: Mumbai-patent@nic.in		फ़ैक्स:/Fax: (91)(33) 2367 1988
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	फ़ैक्स: (91)(11) 2808 1920, 2808 1940		
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पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2005 अथवा पेटेंट (संशोधन) नियम, 2006 द्वारा वांछित सभी आवेदन, सूचनाए, विवरण या अन्य दस्तावेज़ या कोई शुल्क पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में स्वीकृत होंगे। शुल्क: शुल्क या तो नगद रूप में या Controller of Patents के नाम में देय बैंक ड्राफ्ट या चेक के द्वारा भेजी जा सकती है जो उसी स्थान के किसी अनुसूचित बैंक में प्रदत्त हो जहाँ उपयुक्त कार्यालय स्थित है।

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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.8/- per page. If any further details are required to be obtained, the same can be provided by the respective Patent Offices on request.

(Om Prakash Gupta)
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.

Early Publication:

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(12) PATENT APPLICATION PUBLICATION (21) Application No.3631/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :24/09/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: SECURED PEN-DRIVE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G06Q 50/18 :NA :NA :NA :NA	(71)Name of Applicant: 1)1. Dr. Mrs. Ayesha Butalia Address of Applicant:401, Green Groves Apts, Calundula, Wing1, B2, Behind Moze College, Wagholi, Pune, Maharashtra 412207 Maharashtra India (72)Name of Inventor: 1)1. Dr. Mrs. Ayesha Butalia
(87) International Publication No	: NA	2)Mrs. Sindhu M.R
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Pen drives are commonly used nowadays as data transmission mode, medium & source. The multimedia data can be easily stored, shared, reused, rewritable and easily bootable for laptops, computer machines, mobiles etc. The sharing can be secured but requires a plug in to the machine/system to lock it. Our proposed device "Secured-Pen-driveTM is able to lock the data without plug-in. It has touch screen display for revealing the contents of the pen drive. Initially it gets unlocked through password (pattern/pin/gesture) matching; the selected folder can be locked. Multiple selections can be done for locking and unlocking. Since the data that gets locked becomes hidden, it is protected by direct virus attack too. Following invention is described in detail with the help of Figure 1 of sheet 1 showing schematic diagram of secured pen-drive and Figure 2 of sheet 2 showing function keys in the secured pen-drive.

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

(22) Date of filing of Application :07/11/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: A TWO TAP HIGH PERFORMANCE ADAPTIVE FILTER FOR SPEECH DENOISING

(51) International classification	:G10L 21/00	(71)Name of Applicant: 1)MUGDHA DEWASTHALE
(31) Priority Document No	:NA	Address of Applicant :DEPT. OF ELECTRONICS AND
(32) Priority Date	:NA	TELECOMMUNICATION ENGINEERING, JSPM'S
(33) Name of priority country	:NA	RAJARSHI SHAHU COLLEGE OF ENGINEERING,
(86) International Application No	:NA	TATHAWADE, PUNE-411033, MAHARASHTRA, INDIA
Filing Date	:NA	Maharashtra India
(87) International Publication No	: NA	2)RAVINDRA KHARADKAR
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MUGDHA DEWASTHALE
(62) Divisional to Application Number	:NA	2)RAVINDRA KHARADKAR
Filing Date	:NA	

(57) Abstract:

A two tap high performance adaptive filter for speech denoising, said filter comprising: noisy speech parameter identification mechanism configured to determine parameters of at least a noisy speech signal; reference noise determination mechanism configured to determine reference noise parameters; ratio computation mechanism configured to compute ratio of pre-determined parameters of said noisy speech signal to said reference noise signal; and control mechanism configured to control step size of said filter in response to instantaneously said computed ratio of pre-determined parameters.

No. of Pages: 28 No. of Claims: 7

(22) Date of filing of Application :09/11/2015

(43) Publication Date: 20/11/2015

(54) Title of the invention : A NOVEL APPROACH FOR THE QUANTIFICATION OF DRUG IN LOW CONCENTRATION BASED ON THE ANALYSIS OF FLUORESCENT IMAGES WITH VOGLIBOSE-AN ANTIDIABETIC DRUG CHOSEN FOR THE STUDY.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	49/00, G01N 33/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)KULKARNI SHREEDEVI Address of Applicant: 501, MYTHALLI'S URVI, SECTOR 5, NEW PANVEL, NAVI MUMBAI-410206, MAHARASHTRA, INDIA. Maharashtra India (72)Name of Inventor: 1)KULKARNI SHREEDEVI
Filing Date	:NA	
(87) 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 novel method for the quantification of drug in low concentration. The quantification of drug in low concentration is based on the analysis of the Fluorescent Images obtained because of Drug Enzyme Interaction as used in Biosensing. Quantification of drugs in low concentration has challenges as their response to regular methods is low and sometimes not detectable. In this invention an anti-diabetic drug -Voglibose is used for the study as it is the lowest concentration drug available in the Pharmaceutical Industry. Because of its low concentration, it suffers poor response and requires expensive instrumentation for its analysis. Dissolution, another important parameter for this drug as it is a reactive drug has no method mentioned in the literature and this invention establishes the method for Dissolution Studies. Thus the invention proves a novel approach for the quantification of the drugs and particularly drugs in low concentration.

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

(21) Application No.4259/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :09/11/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: ON OFF CHOKE INDICATOR SYSTEM FOR PETROL ENGINES WITH CARBURETORS

(51) International classification(31) Priority Document No(32) Priority Date	F02M1/02 :NA :NA	(71)Name of Applicant: 1)SUMEDH SIDDHARTH BAVISKAR Address of Applicant: 'PITAMBAR' BUNGALOW, SHIV COLONY, WAKAD ROAD, GANESH NAGAR, THERGAON,
(33) Name of priority country (86) International Application No	:NA :NA	PUNE-411033 Maharashtra India 2)SIDDHARTH PANDIT BAVISKAR
Filing Date (87) International Publication No	:NA : NA	(72)Name of Inventor: 1)SUMEDH SIDDHARTH BAVISKAR
(61) Patent of Addition to Application Number	:NA	2)SIDDHARTH PANDIT BAVISKAR
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

Abstract of the invention clears that the On off choke indicator system for petrol engines with carburetors system is for safety of a vehicle, generator, engine which using choke, etc. and for reduce the air pollution. The system consisting of an indicator which Indicate operation of choke valve. Choke valve are widely used in automotive sectors for fuel injection purpose, for extra fuel consumption sometimes choke valves are remains in working so to avoid this indication system is introduced.

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

(22) Date of filing of Application :04/11/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : METHOD AND APPARATUS FOR SECURE HEALTHCARE SYSTEM BASED ON NEAR FIELD COMMUNICATION (NFC)

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H04B5/00 :NA :NA :NA	(71)Name of Applicant: 1)Vijay M Wadhai Address of Applicant: A-702, Grand View 7 Society, Behind Potdar International School, Ambegaon, Pune. Maharashtra India
(86) International Application No	:NA	2)Prasad S Halgaonkar
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Prasad S Halgaonkar
(61) Patent of Addition to Application Number	:NA	2)Vijay M Wadhai
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Present invention provides specially a method and apparatus for Secure Healthcare System based on Near Field Communication (NFC). In NFC, with respect to security; there was a major concentration on its two operating mode i.e. Peer-to-peer mode and Card Emulation mode. But its third operating mode i.e. Reader/writer mode was completely neglected. The system is on Reader/writer mode and is developed to make the process of prescription secure from illegitimate users and will be computationally efficient to give quick response for providing better service. The server centralizes the conversation between the nurse and doctor. It also contains the patient, nurse and doctor database. Following invention is described in detail with the help of Figure 1 of sheet 1 showing the working of the healthcare system.

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

(21) Application No.4291/MUM/2015 A

(19) INDIA

(22) Date of filing of Application: 10/11/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: AUTO-CALIBRATED INTELLIGENT ELECTRONIC FLASHER

(51) International classification	-	(71)Name of Applicant:
(31) Priority Document No	1/00 :NA	1)SHAILENDRA Address of Applicant :C/O BACCHU LAL VERMA, ROOM
(32) Priority Date	:NA	NO.1, AZAD NAGAR, CHAWL NO.18/B, MEGHWADI, NEAR
(33) Name of priority country	:NA	PAL KIRANA STORE, JOGESHWARI (EAST), MUMBAI-
(86) International Application No	:NA	400060, MAHARASHTRA, INDIA Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SHAILENDRA
(61) Patent of Addition to Application Number	:NA	2)MANJOT SINGH
Filing Date	:NA	3)MD. ALAM KHAN
(62) Divisional to Application Number	:NA	4)RAMAN SAH
Filing Date	:NA	5)PARASHURAM B KARANDIKAR

(57) Abstract:

A flasher is an electro-mechanical device used in two wheelers, only for the blinking action of turn indicators. The present invented device is a very cheap and efficient replacement for aforementioned conventional flasher, with an intelligent electronic flasher unit of comparable size with add-on multiple functions. The device comprises of electronic sensor, microcontroller and other supporting discrete electronic components which not only does job of flasher but also controls the turn indicators using a closed loop monitoring algorithm and distinguishes between soft deceleration and hard braking in automobiles and gives feature of hazard light for two-wheelers. The turn indicators are now also used for any hazard / warning and automatically get activated in case of sudden braking or accidental fall. Device is load independent i.e. there is no dependence on load current or impedance matching for proper functioning. The device is easy to install on two wheelers and can also be customized as per individual.

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

(21) Application No.4330/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :17/11/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : CONFIGURABLE SYSTEM FOR DISTRIBUTING AND REMOTE MONITORING OF MULTIPLE I/O SIGNALS BY REDUCING CABLE HARNESSING

(51) International classification	:G05B 19/00	(71)Name of Applicant :
· /		
(31) Priority Document No	:NA	1)Katlax Enterprises Pvt. Ltd.
(32) Priority Date	:NA	Address of Applicant :117-119, Santej - Vadsar Road, Kalol,
(33) Name of priority country	:NA	Gandhinagar - 382 721, Gujarat, India Gujarat India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Hernwal Rajesh Kumar Umedsingh
(87) International Publication No	: NA	2)Lokhande Vijay Prakash
(61) Patent of Addition to Application Number	:3170/MUM/2015	
Filed on	:01/01/1900	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A configurable system for distributing and remote monitoring of multiple i/o signals by reducing cable harnessing comprises a hub (2) having a communication interface circuit board (3) that is configured to transmit I/O signals to the PLC (9) through the trunk line (5) by minimizing wire connection with PLC (9) and to perform serial data communication with the computer (11) through the network cable (10). Said communication interface circuit board (3) comprises a communication protocol data unit (12) for receiving and transmitting data of the output signals through the network cable (10) to said computer (11) for graphical representation of output signals of said sensing devices (sensors) and output devices on said computer (11) through the Supervisory Control and Data Acquisition (SCADA) application.

No. of Pages: 35 No. of Claims: 3

(22) Date of filing of Application :15/07/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: AN IMPROVED METERED DOSE INHALER AND SPACERS FOR SUCH INHALERS

(51) International classification		(71)Name of Applicant:
	A61M11/00	1)PRAKASH MEHTA
(31) Priority Document No	:NA	Address of Applicant :305 PRABHUKUNJ, PEDDAR
(32) Priority Date	:NA	ROAD, MUMBAI 400 026 Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)PRAKASH MEHTA
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		<u> </u>

(57) Abstract:

An improved metered dose inhaler comprising a mouthpiece which is a fixed part, attached either to the cap or the body of the MDI Inhaler; the mouthpiece is of a convenient shape, hollow protrusion from the cap of the inhaler, of the required length (normally of 20mm to 30mm), the mouthpiece is fixed and part of the cap, the cap, with this mouthpiece, can be removable or moulded as part of the body of the inhaler, the same type of cap, of the required size to fit the outlet of the spacers, with the unique protruding/extended mouthpiece, to be used by fitting it to the inhaling end of such spacers.

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

(21) Application No.2452/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :26/06/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: AUTOMATICALLY OSCILLATING PNEUMATIC SHEET METAL FEEDER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B29C 67/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)GAURAV D. JOSHI Address of Applicant:7, AMBICA SOCIETY, NEAR NAVLAKHA BUNGALOW, BAPUNAGAR, AHMEDABAD- 380024, GUJARAT, INDIA. Gujarat India (72)Name of Inventor: 1)GAURAV D. JOSHI
(87) International Publication No	: NA	I)GACKA V D. 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 is about feeding individual metal sheet from stack of sheets, automatically based on the principle of pneumatics. The automatically oscillating pneumatic sheet metal feeder is feeding sheet by oscillating around stack of sheet. Feeder sucks the sheet and keeps it on the conveyor belt and thus feeding sheet to the machine. This device can be used to make sheet metal can. Also it can convert current manually operated machine into automatic machine. It increases productivity of the plant and can be used in compact spaces. Lastly, the mechanism is simple and its a cheaper device.

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

(21) Application No.3994/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :22/10/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: HAND HELD PAPER PINNING APPARATUS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:F16M 13/04 :NA :NA :NA	(71)Name of Applicant: 1)Dr. ASHOK VISHWASRAO BHONSALE Address of Applicant: B 52, PARIJAT CHS, RECLAMATION, BANDRA (WEST), MUMBAI 400050, MAHARASHTRA, INDIA Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Dr. ASHOK VISHWASRAO BHONSALE
(87) 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 hand held paper pinning apparatus 40 for efficiently joining together different quantities of paper sheets is provided. The hand held paper pinning apparatus 40 includes a lower jaw assembly 42, an upper jaw assembly 44 which is connected to one end of the lower jaw assembly 42 and an arm lever 46 at one end is connected to other end of the lower jaw assembly 42. The arm lever 46 when partially pressed, suitably shapes the desired bunch of papers 5. The arm lever 46 when further pressed releases and pushes a pin 22 to pierce through the suitably shaped bunch of papers 5 and join them together. The apparatus 40 further includes a safety pin 14 to prevent excess papers from entering the apparatus 40 for the pinning operation. FIG 3

No. of Pages: 25 No. of Claims: 10

(22) Date of filing of Application :17/11/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention : DESIGN OF ROBUST AND HIGH SPEED CLOCK GENERATION FOR SUB-THRESHOLD CIRCUITS

(51) International classification	:H03K19/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MR. NIRMAL DNYANESHWAR GAIKWAD
(32) Priority Date	:NA	Address of Applicant :FLAT NO.8, NILAY-VIHAR
(33) Name of priority country	:NA	APARTMENT, GANRAJ COLONY, B/H VANDANA PARK,
(86) International Application No	:NA	INDIRA NAGAR, NASHIK-422006 Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MR. NIRMAL DNYANESHWAR GAIKWAD
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Subthreshold domain has become a promising alternative for power constraint applications. However, the circuits operating under subthreshold condition is highly affected by PVT variations and it is major bottlenecks to extend the application domain of subthreshold circuits. To extend application domain of subthreshold circuits in sequential circuits and FPGA there is need to put more efforts on clocking circuits. VCO is heart of digital and analog circuits. Output frequency of the VCO varies significantly with temperature. However, none of the previous literature invented temperature insensitive VCO under subthreshold conditions. Hence, there is need to design a temperature independent clocking circuit. This invention develops an adaptive temperature control unit whose output voltage inversely proportional with temperature. The simulation result shows that the proposed circuit gives constant clock period for different temperature as compared to the conventional VCO. The proposed invention is useful in VCO design for digital as well as analog circuits to mitigate the effect of temperature variations.

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

(21) Application No.2986/MUMNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: APPARATUS FOR DISPLAY SYSTEMS

(51) International :F21V8/00,G02F1/1335,G02B27/09

classification (31) Priority Document No :61/793, 213 (32) Priority Date :15/03/2013 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2014/027789

:14/03/2014 Filing Date

(87) International Publication :WO 2014/143713

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(71)Name of Applicant:

1) CORPORATION FOR LASER OPTICS RESEARCH

Address of Applicant: 47 Durham Street Portsmouth New

Hampshire 03801 U.S.A. (72) Name of Inventor: 1)KARAKAWA Masayuki

2)GIROUX David

(57) Abstract:

Apparatus for use in display systems are disclosed. In certain implementations a display apparatus includes a light guide plate for use in a liquid crystal display backlight system. In other implementations an apparatus for use in a projection display is disclosed including a substantially transparent rectangular prism. In implementations including laser based light sources the light guide plate or substantially transparent rectangular prism is configured to reduce the spatial coherence of laser light introduced thereto thereby reducing speckle. The light guide or prism includes a plurality of light scattering particles suspended therein; alternatively the light guide or prism has a set of scratches on a surface thereof rending the surface substantially opaque.

No. of Pages: 31 No. of Claims: 50

(21) Application No.3607/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :17/11/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: METHOD FOR MANUFACTURING A MODULAR STRUCTURE

(51) International classification	B29D99/00, B29C70/46, B29C	(71)Name of Applicant: 1)KPIT TECHNOLOGIES LTD., Address of Applicant:35 & 36 RAJIV GANDHI INFOTECH PARK, PHASE 1, MIDC, HINJEWADI, PUNE-411057,
(31) Priority Document No	:NA	MAHARASHTRA, INDIA Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)MR. PILLAI, VISHAL
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 method of manufacturing integrated modular structure using rotomolding process. The method comprises preparing at least a pair of molds embedded with at least one electric harness, wherein the pair of molds having a base mold and a first mold joined to form an enclosure, filling a first material in the base mold of the pair of molds, providing a heating and cooling cycle, wherein during heating at least the pair of molds being rotated for evenly spreading the molten first material and embedding the electric harness in the molten first material, obtaining a first molded part yielded by at least the pair of molds, and obtaining a second molded part yielded by at least a pair of molds, thereby the first molded part, the second molded part and the at least one embedded electric harness together forming the integrated modular structure. Figure 13

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

(22) Date of filing of Application :05/11/2015

(43) Publication Date: 20/11/2015

(54) Title of the invention : SYNTHESIS OF A NOVEL HYBRID PHENANTHROLINE-ARENE LIGAND FOR SELECTIVE SEPARATION OF BISMUTH FROM COPPER ELECTROLYTIC SOLUTION

(51) International classification	9/94,	(71)Name of Applicant: 1)INSTITUTE OF CHEMICAL TECHNOLOGY, MUMBAI Address of Applicant: NATHALAL PAREKH MARG,
(31) Priority Document No	:NA	MATUNGA, MUMBAI-400019, MAHARASHTRA, INDIA.
(32) Priority Date	:NA	Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)PROFESSOR (DR.) VILAS G. GAIKAR
Filing Date	:NA	2)MISS. JYOTSNA SUDHIR ARORA
(87) 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:

One of the aspects of the invention provides a method for the synthesis of a novel hybrid phenanthroline-phenolate ligand which can be used as an adsorbent for Bi(lll) uptake from metal ion solution in an acidic conditions; this ligand is covalently attached to the silica matrix for separating bismuth from acidic solutions of metal ions preferably copper electrolyte. The silica surface is initially subjected to alkylation with (y-chloropropyl) triethoxysiliane resulting in chloro-propyl silica which is in turn functionalized with the ligand. In an another aspect of the invention the method for the use of this hybrid phenanthroline-phenolate ligand is provided for the adsorption of Bi(lll) from metal ions solutions in an acidic conditions, more particularly it is used for separation of Bi(lll) in presence of large excess of copper(ll) ions in an acidic solution to improve the purity of copper cathodes where Bi(lll) ion exists as an impurity.

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

(22) Date of filing of Application :06/11/2015

(43) Publication Date: 20/11/2015

(54) Title of the invention : ANCHOR NUT BUSH FOR THREADED FASTNERS ON AIRCRAFT STRUCTURE IN INACCESSIBLE ZONE

	:F16B	(71)Name of Applicant:
(51) International classification	37/00,	1)AIRCRAFT UPGRADE RESEARCH & DESIGN
	F16B39/30	CENTRE (AURDC),
(31) Priority Document No	:NA	Address of Applicant :HINDUSTAN AERONAUTICS
(32) Priority Date	:NA	LIMITED, NASIK DIVISION, OJHAR TOWNSHIP POST
(33) Name of priority country	:NA	OFFICE, OJHAR (MIG), NASHIK-422207 MAHARASHTRA,
(86) International Application No	:NA	INDIA Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)RD MONE
(61) Patent of Addition to Application Number	:NA	2)PS BHARAMBE
Filing Date	:NA	3)BHUPESH BHARATI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This invention relates to a serrated bush which is designed with an internal threads and straight knurled shank designed to suit a wide range of sheet thicknesses in inaccessible zones of an aircraft assembly where it is impossible to reinstall the anchor nut back in its position without provision of additional cutout particular to outer surface of an aircraft surface/ assemblies like hatch covers. The shank with internal thread is pressed from circular cross section to oval cross section in order to have positive locking of screw/ bolts. For axially supporting a threaded bolt / screw and also to prevent the angular rotation of the bush comprising of longitudinal slots. The bush can be used at the joints of sheet metal and machined components together and is an alternate of pre-installed anchor nut rivets for the Hatch Covers of aircraft structure. Anchor Nut Bushes can be installed using both an impact and/ or squeeze method, allowing installation by use of manual effort and/or machine.

No. of Pages: 8 No. of Claims: 3

(21) Application No.2645/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :19/11/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: GRANULAR COMPOSITION PREPARED USING FOOD GRADE SAPONINS

(51) International classification (31) Priority Document No.	:A61K31/191, A61K33/42 :NA	(71)Name of Applicant: 1)DR. VINITA KALE Address of Applicant: GURLINANAK COLLEGE OF
(31) Priority Document No (32) Priority Date	:NA :NA	Address of Applicant :GURUNANAK COLLEGE OF PHARMACY, KHASRA NO. 81/1, MAUZA NARI, NEAR
(32) Friority Date (33) Name of priority country	:NA	DIXIT NAGAR BEHIND C.P. FOUNDARY, KAMPTEE ROAD
· · ·	:NA	NAGPUR - 440 026 Maharashtra India
(86) International Application No		
Filing Date	:NA	2)KALYAN JAYANT WAGH
(87) International Publication No	: NA	3)DR. ABHAY M. ITTAD WAR
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. VINITA KALE
(62) Divisional to Application Number	:NA	2)KALYAN JAYANT WAGH
Filing Date	:NA	3)DR. ABHAY M. ITTAD WAR

(57) Abstract:

No. of Pages: 37 No. of Claims: 16

(21) Application No.3783/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention : COMBINATORIAL THERAPEUTIC REGIMEN OF ANTIDIABETIC WITH ANTIHYPERTENSIVE DRUGS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61K 31/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)NORTH MAHARASHTRA UNIVERSITY Address of Applicant:NORTH MAHARASHTRA UNIVERSITY, PB: 80, UMAVINAGAR, JALGAON, 425001, MS, INDIA. Maharashtra India (72)Name of Inventor: 1)MR. GOKUL A. KHAIRNAR
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA : NA : NA : NA : NA	2)MR. PRITAM B. PATIL 3)DR. VINOD J. MOKALE 4)DR. JITENDRA B. NAIK

(57) Abstract:

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

(22) Date of filing of Application :05/10/2015 (43) Publication Date : 20/11/2015

:NA

:NA

(54) Title of the invention: AUDIO ENCODER AND DECODER FOR INTERLEAVED WAVEFORM CODING

:G10L19/02,G10L21/038 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)DOLBY INTERNATIONAL AB :61/808687 (32) Priority Date :05/04/2013 Address of Applicant : Apollo Building 3E Herikerbergweg 1 (33) Name of priority country :U.S.A. 35 NL 1101 CN Amsterdam Zuidoost Netherlands (86) International Application No (72) Name of Inventor: :PCT/EP2014/056856 1)KJOERLING Kristofer Filing Date :04/04/2014 (87) International Publication No :WO 2014/161995 2)THESING Robin (61) Patent of Addition to Application 3)MUNDT Harald :NA Number 4)PURNHAGEN Heiko :NA Filing Date 5) ROEDEN Karl Jonas

(57) Abstract:

Filing Date

There is provided methods and apparatuses for decoding and encoding of audio signals. In particular a method for decoding includes receiving a waveform coded signal having a spectral content corresponding to a subset of the frequency range above a cross over frequency. The waveform coded signal is interleaved with a parametric high frequency reconstruction of the audio signal above the cross over frequency. In this way an improved reconstruction of the high frequency bands of the audio signal is achieved.

No. of Pages: 43 No. of Claims: 25

(62) Divisional to Application Number

(22) Date of filing of Application :04/11/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: A TOILET SYSTEM AND A HYGIENIC PROCESS THEREOF

	:E03D	(71)Name of Applicant :
(51) International classification	5/00,	1)Bhausaheb Narayan Pandore
	E03D9/02	Address of Applicant :Post Office Kolgaon Thadi, Taluka
(31) Priority Document No	:NA	Kopergaon Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)Bhausaheb Narayan Pandore
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 toilet system comprising of a modular housing, a plurality of toilet seats, a collector assembly having a transfer assembly therein, a faeces tank, a first waste water tank, a second waste water tank, a suction unit, a trapway and interconnecting pipes.. The collected waste water is used for flushing the toilet seats and the collected faeces is transported to desired place of use and discharged. The process of using such toilet system requires use for a predetermined number of users at one instance before the toilet system is readied again for use. The toilet system is easy to install, shift and dismantle. The toilet system does not require drainage or sewer system. The toile system needs no electric power and requires considerably less water. The toilet system is simple and economical and no human touch is needed to handle the excreta.

No. of Pages: 34 No. of Claims: 15

(21) Application No.1190/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :11/03/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: ACCURATE WRITING DEVICE FOR ALL TOUCH SCREEN MOBILE AND TABLET COMPUTER

(51) International classification :G0	5F (71) Name of Applicant :
(31) Priority Document No :NA	1)BOOBATHI KANNAN. K
(32) Priority Date :NA	Address of Applicant :B-BLOCK, F-6, RAJINI
(33) Name of priority country :NA	APPARTMENTS, SAVADI STREET, KORATTUR, CHENNAI-
(86) International Application No :NA	600080 Tamil Nadu India
Filing Date :NA	(72)Name of Inventor:
(87) International Publication No : NA	1)BOOBATHI KANNAN. K
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract:

An accurate writing device contains a combination of paper writing apparatus and an electrically conductive input apparatus. Specifically, the present invention contains electrically conductive input apparatus at one end 7 with the flat metal tip 1 made of conductive material. The said tip 1 has working area 2 secured to it which facilitates the smooth and accurate writing or drawing on the capacitance touch screen facilitated gadgets. The tip 1 with the neck portion 3 is adjustable at desired angles for easy sensing and working of the device. The present invention has paper writing device at its one end 8 with the detachable writing instrument. The present invention can be produced easy at low cost.

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

(21) Application No.5404/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :30/10/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention : INTEGRATED BIOREACTOR FOR EFFECTIVE BIOREMEDIATION OF SEWAGE POLLUTED WATER

:C02F	(71)Name of Applicant :
:NA	1)AMET UNIVERSITY
:NA	Address of Applicant :135 East Coast Road, Kanathur 603
:NA	112. Tel: 044-27472155 Tamil Nadu India
:NA	(72)Name of Inventor:
:NA	1)M. Jayaprakashvel
: NA	
:NA	
:NA	
:NA	
:NA	
_	:NA :NA :NA :NA :NA :NA :NA :NA

(57) Abstract:

Mixing of untreated or treated sewage water into natural water bodies create heavy damage to the environment and public health. Water bodies contaminated with sewage are the most disturbed ecosystems due to anthropogenic activities such as release of heavy metals, organic pollutants and pharmaceuticals as well as faecal and pathogenic microorganisms, which coexist with the indigenous microbial population. Management practices are necessary not only to make use of these polluted water bodies but also to prevent the health and environmental hazards from them. This invention discloses a bioreactor for effective bioremediation of polluted water, that is sustainable and environment friendly.

No. of Pages: 9 No. of Claims: 4

(21) Application No.5727/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :14/11/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: HYBRID ASH AGGREGATE CONCRETE

(51) International classification	:C01B	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DR. K. VIDHYA
(32) Priority Date	:NA	Address of Applicant :ASSOCIATE PROFESSOR IN CIVIL,
(33) Name of priority country	:NA	5/57, KAILASAMPALAYAM, VADUGAM POST,
(86) International Application No	:NA	RASIPURAM T.K NAMAKKAL DISTRICT - 637 407 Tamil
Filing Date	:NA	Nadu India
(87) International Publication No	: NA	2)DR. K. JAGADEESAN
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. K. VIDHYA
(62) Divisional to Application Number	:NA	2)DR. K. JAGADEESAN
Filing Date	:NA	

(57) Abstract:

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

(21) Application No.5728/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :14/11/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: BUILDING HEALTH MONITORING DEVICE

(51) International classification (31) Priority Document No	:G06K :NA	(71)Name of Applicant : 1)DR. K. JAGADEESAN
(32) Priority Date	:NA	Address of Applicant :PROFESSOR IN CIVIL, 111, K.K.
(33) Name of priority country	:NA	NAGAR, CHENNIMALAI ROAD, KASIPALAYAM POST,
(86) International Application No	:NA	ERODE - 638 009 Tamil Nadu India
Filing Date	:NA	2)DR. K. VIDHYA
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)DR. K. JAGADEESAN
Filing Date	:NA	2)DR. K. VIDHYA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

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

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.1285/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :14/05/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: AUDIENCE SEGMENTATION USING MACHINE-LEARNING

(51) International classification	:G06F15/18	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Cisco Technology, Inc.
(32) Priority Date	:NA	Address of Applicant :170 West Tasman Drive, San Jose, CA
(33) Name of priority country	:NA	95134-1706, USA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Prabhakar SRINIVASAN
(87) International Publication No	: NA	2)Trevor SMITH
(61) Patent of Addition to Application Number	:NA	3)Nicholas Ashton HALL
Filing Date	:NA	4)Trevor WHINMILL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method and system for audience segmentation is described, the method and system including preparing a plurality of guidebooks of prior probability distributions for content items and user profile attributes, the prior probabilities and user profile attributes being extractable from within audience measurement data, receiving raw audience measurement data, analyzing, at a processor, the received raw audience measurement data using the prepared plurality of guidebooks, generating a plurality of clusters of data per user household as a result of the analyzing, correlating viewing activity to each cluster within an identified household, predicting a profile of a viewer corresponding to each cluster within the identified household, applying classifier rules in order to assign viewing preference tags to each predicted profile, and assigning each predicted profile viewing preferences based on the viewing preference tags assigned to that profile Related systems, methods, and apparatus are also described.

No. of Pages: 89 No. of Claims: 20

(21) Application No.3365/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :21/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: DEVICE MONITORING USING MULTIPLE SERVERS OPTIMIZED FOR DIFFERENT TYPES OF **COMMUNICATIONS**

(51) International :G06F21/88,G08B25/00,G08B27/00

classification

(31) Priority Document No :61/719259 (32) Priority Date :26/10/2012 (33) Name of priority country: U.S.A.

(86) International Application :PCT/CA2013/000923

No :28/10/2013 Filing Date

(87) International Publication :WO 2014/063240

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application:NA Number :NA

Filing Date

(71)Name of Applicant:

1)ABSOLUTE SOFTWARE CORPORATION

Address of Applicant: Suite 1600, Four Bentall Centre, 1055 Dunsmuir Street, P.O. Box 49211, Vancouver, British Columbia V7X 1K8 Canada

(72) Name of Inventor:

1)GORDON, William ,Doyle 2)TCHOUDNOVSKII, Arkadi

(57) Abstract:

An electronic device monitoring system uses two different types of servers, to communicate with electronic devices of users. One type of server which may be a rapid contact server, is optimized or configured for relatively short and frequent communications with the electronic devices. The other type of server is optimized or configured for less frequent but (typically) longer communications with the electronic devices. In some embodiments the electronic devices are configured to communicate relatively frequently (e.g., every few minutes) with the rapid contact server. When an electronic device is reported as lost or stolen, the rapid contact server may instruct the electronic device to contact the other type of server to obtain security-related instructions.

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

(21) Application No.3366/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :21/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: FLOOR CLEANING MACHINE

(51) International classification	:A47L11/40	(71)Name of Applicant:
(31) Priority Document No	:NA	1)WETROK AG
(32) Priority Date	: -	Address of Applicant :Steinackerstrasse 62, CH -8302 Kloten
(33) Name of priority country	:	Switzerland
(86) International Application No	:PCT/CH2012/000256	(72)Name of Inventor:
Filing Date	:19/11/2012	1)LISCIO, Michele
(87) International Publication No	:WO 2014/075196	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Floor cleaning machine comprising: a) a front portion (13) and a rear portion (12); the rear portion (12) comprising at least two lateral rear wheels (11); b) a chassis (10) with a lower side (22) directed towards a floor (20) to be cleaned and two lateral sides (23a, 23b); c) at least one front wheel (3) arranged in the front portion (13); and d) a cleaning unit (14) attached to the chassis (10) and including at least one rotatable brush (6) which is arranged in front of the rear wheels (11) and which has a floor contact region (28) so as to contact a floor (20) to be cleaned; wherein the at least one front wheel (3) is moveable with respect to the chassis (10) from a retracted position to a lowered position in which it protrudes from the floor contact region (28) of the at least one brush (6).

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

(21) Application No.3367/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :21/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: FLOOR CLEANING APPARATUS

(51) International :A47L11/293,A47L11/30,A47L11/40 classification

(31) Priority Document No :NA (32) Priority Date (33) Name of priority

country

(86) International :PCT/CH2012/000245

Application No :30/10/2012 Filing Date

(87) International

:WO 2014/067019 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)WETROK AG

Address of Applicant: Steinackerstrasse 62, CH -8302 Kloten

Switzerland

(72) Name of Inventor: 1)LISCIO Michele

(57) Abstract:

Floor cleaning apparatus (1) comprising: a) a front portion (16) and a rear portion (17); the rear portion (17) comprising two lateral rear wheels (3); b) a chassis (2) and c) a cleaning unit (4) attached to the chassis (2), wherein the cleaning unit (4) comprises at least one rotatable brush (20) which is arranged in the front portion (16) of the cleaning apparatus (1) so as to be contactable with the floor (12) to be cleaned and a suction device (25) including a front suction unit (8) arranged in front of the at least one brush (20) and a rear suction unit (7) arranged rearward of the at least one brush (20), wherein the front suction unit (8) comprises a front suction channel (29) and a closing member (26) for closing the front suction channel (29).

No. of Pages: 24 No. of Claims: 27

(22) Date of filing of Application :12/05/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention : SYNTHESIS OF SHAPE-CONTROLLED PRISTINE AND DILUTED MAGNETIC ZINC OXIDE NANOPARTICLES WITH TUNEABLE PROPERTIES

(51) International classification	:Y10S977/892,	(71)Name of Applicant:
(31) Priority Document No	:NA	1)THE LNM INSTITUTE OF INFORMATION
(32) Priority Date	:NA	TECHNOLOGY
(33) Name of priority country	:NA	Address of Applicant :THE LNM INSTITUTE OF
(86) International Application No	:NA	INFORMATION TECHNOLOGY, Rupa Ki Nangal, Sumel,
Filing Date	:NA	Jamdoli, Jaipur, Rajasthan-302031, India Rajasthan India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)SOMNATH BISWAS
Filing Date	:NA	2)JEEVAN JADHAV
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a method of synthesizing shape-controlled Diluted Magnetic Semiconductor (DMS) nanoparticles. The method comprises reacting a solution of a metal ion with an aqueous solution of a polymer and a sugar under continuous stirring at 60-65°C in ambient air to obtain a mixture. Plurality of polymer precursors are obtained at a pH of 9 from the mixture. The plurality of polymer precursors are heat treated at 400-600°C for 2 h in ambient air. The polymer is poly-vinyl alcohol. The sugar is sucrose. The shape-controlled DMS nanoparticles are nanoplatelets in shape.

No. of Pages: 39 No. of Claims: 10

(21) Application No.3377/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :21/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: STEPLESS TRANSMISSION

 (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 	:F16H15/52 :2012243848 :05/11/2012 :Japan :PCT/JP2013/076594 :30/09/2013 :WO 2014/069141 :NA :NA :NA	(71)Name of Applicant: 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant:1, Toyota-cho, Toyota-shi, Aichi 4718571 Japan (72)Name of Inventor: 1)OGAWA, Hiroyuki 2)HIBINO, Akira 3)ARATSU, Yuki
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(57) Abstract:

A stepless transmission is provided with: a shaft (60); first and second rotating bodies (10, 20); a sun roller (30); a carrier (40); planetary balls (50); axial force generation devices (71, 72) which generate axial force in the axial direction, the axial force pressing the first and second rotating bodies (10, 20) against the planetary balls (50); and a tilting force application section (46) which changes the transmission ratio between the input and the output by tilting the planetary balls (50). The Young s moduli of a contact section (P1, (P2)) and an additional contact section being the contact sections where one of the first and second rotating bodies (10, 20) and each ball (50) are in contact with each other, are set to be greater than the Young s moduli of a contact section (P2, (P1)) and an additional contact section, the contact section (P2, (P1)) and the additional contact section being the contact sections where the other of the first and second rotating bodies (10, 20) and each ball (50) are in contact with each other.

No. of Pages: 54 No. of Claims: 6

(21) Application No.3378/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :21/04/2015 (43) Publication Date : 20/11/2015

:NA

:NA

(54) Title of the invention: STEPLESS TRANSMISSION

(51) International classification :F16H15/52,F16H57/04 (71)Name of Applicant : 1)TOYOTA JIDOSHA KABUSHIKI KAISHA (31) Priority Document No :2012241120 (32) Priority Date Address of Applicant: 1, Toyota-cho, Toyota-shi, Aichi-ken, :31/10/2012 (33) Name of priority country :Japan 471-8571 Japan (72)Name of Inventor: (86) International Application No :PCT/JP2013/075772 1)HIBINO, Akira Filing Date :24/09/2013 (87) International Publication No :WO 2014/069125 2)OGAWA ,Hiroyuki (61) Patent of Addition to Application 3)ARATSU, Yuki :NA Number :NA Filing Date

(57) Abstract:

Filing Date

A stepless transmission has a shaft (60), first and second rotating members (10, 20), a sun roller (30), a carrier (40), planetary balls (50), a shifter which changes the transmission ratio between the input and output by tilting the planetary balls, a casing (CAt) which houses the abovementioned elements, and a lubricating oil supply hole (for example, the discharge hole of a radial oil passage (62)) which supplies lubricating oil from the inside to the outside in the radial direction into the casing. The casing is provided with a discharge hole (92) for discharging lubricating oil within the casing to the outside of the casing, the discharge hole (92) being provided in at least one of the side walls of the casing in the axial direction of the shaft so as to be located on the outside of the lubricating oil supply hole in the radial direction. When viewed in the axial direction, the discharge hole is formed either at the position at which the discharge hole intersects contact sections or additional contact sections, the contact sections and the additional contact sections being sections where each planetary ball and the first and second rotating members are in contact with each other, or on the outside of the contact sections or the additional contact sections in the radial direction.

No. of Pages: 47 No. of Claims: 6

(62) Divisional to Application Number

(22) Date of filing of Application :21/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: DRIVING ASSISTANCE DEVICE AND DRIVING ASSISTANCE METHOD

(51) International classification :G08G1/16,B60R21/00,B60W30/09

(31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA

(86) International Application :PCT/JP2012/077712

No :26/10/2012

Filing Date :26/10/2012

(87) International Publication :WO 2014/064831

(61) Patent of Addition to

Application Number :NA
Filing Date :NA

(62) Divisional to Application :NA
Number :NA
Filing Date

(57) Abstract:

assistance.

(71)Name of Applicant:

1)TOYOTA JIDOSHA KABUSHIKI KAISHA

Address of Applicant: 1, Toyota -cho, Toyota -shi, Aichi-ken

471-8571 Japan

(72)Name of Inventor:

1)OKITA, Toshinori

Disclosed is a driving assistance device whereby a necessity for driving assistance relating to collision avoidance is appropriately managed, and an implementation of an unnecessary driving assistance is efficaciously alleviated. A driving assistance device carries out a collision avoidance assistance between a vehicle (10) and a vehicle ahead (60) which is present in the direction of progress of the vehicle (10), on the basis of a collision time Ta which is a time required for the vehicle (10) to collide with the vehicle ahead (60). A transverse change quantity computation unit (23) detects a relative transverse velocity Vy, which is a quantity of a relative change over time between the vehicle (10) and the vehicle ahead (60). A storage unit (40) stores a steering time T1, which is a time required for the vehicle (10) to steer to avoid the vehicle ahead (60). The storage unit (40) stores an implementation threshold TH1, which is a threshold for determining, on the basis of the relative transverse velocity Vy, an implementation of driving assistance. When the relative transverse velocity Vy, at a time when the collision time Ta is greater than or equal to the steering time T1, is greater than or

equal to the implementation threshold TH1, an assistance management unit (50) alleviates the implementation of the driving

No. of Pages: 58 No. of Claims: 10

(21) Application No.320/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :03/02/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: DIRECT CURRENT POWER SUPPLY FOR COMPUTERS

(51) Y	110114	
(51) International classification	:H01M	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INSTRUMENTATION LIMITED
(32) Priority Date	:NA	Address of Applicant :Jhalawar Road, Kota - 324 005
(33) Name of priority country	:NA	RAJASTHAN (INDIA) Rajasthan India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PARMANAND SHARMA
(87) International Publication No	: NA	2)PANKAJ KUMAR VASISHT
(61) Patent of Addition to Application Number	:NA	3)ALAMURI MURALIDHAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Present invention relates to a Direct Current Bus power supply for use of computers or electronic equipment of similar nature comprising: a solar panel and a Direct Current Power Supply Bus, directly connected to a DC Bus; an AC power supply, which supplies AC current to a rectifier, which rectifies the AC current to DC current for charging a battery which is connected to the Direct Current Bus; wherein the DC Bus supplies power to electronic equipment.

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

(22) Date of filing of Application :22/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: PRILLING TOWER AND PROCESS, IN PARTICULAR FOR PRODUCING UREA

(87) International Publication No (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number Filing Date (13/10/2013 :WO 2014/060951 :NA :NA :NA **NA **NA **INA **I	(61) Patent of Addition to ApplicationNumberFiling Date(62) Divisional to Application Number	:MI2012A001733 :15/10/2012 :Italy :PCT/IB2013/059373 :15/10/2013 :WO 2014/060951 :NA :NA	3)HUIXUN ,Ling
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(57) Abstract:

A prilling tower (1), in particular for producing ·-urea , comprises: a casing (2) extending along and about an axis (A) and provided with an inner treatment chamber (4); a sprayer device (7) arranged at a top axial end (5) of the casing (2) for supplying a liquid phase in the chamber (4); windows (11) set at a bottom axial end (8) of the casing (2) for supplying air inside the chamber (4); and a conveying structure (9) arranged at the bottom axial end (8) of the casing. (2) for collecting prills formed in the chamber (4); the conveying structure (9) is formed by a plurality of flared sectors (20), arranged in series along the axis (A) and converging downwards and towards the axis (A); the sectors (20) are partially inserted inside one another both axially and radially and have respective inner lateral surfaces. (29) slanted so as to cause the prills deposited on the inner lateral surfaces (29), to slide for the sole effect of gravity towards the bottom outlet (12).

No. of Pages: 23 No. of Claims: 18

(21) Application No.3382/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :22/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: BIOMARKERS FOR CERVICAL CANCER

 (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 		(71)Name of Applicant: 1)OSLO UNIVERSITETSSYKEHUS HF Address of Applicant: Postboks 450 Nydalen, N -0424 Oslo Norway (72)Name of Inventor: 1)LYNG, Heidi 2)LANDO, Malin
Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to biomarkers for chemoradioresistant subtypes of cervical cancer. In particular the present invention relates to a method for predicting a predisposition to a chemoradioresistant cervical cancer in a subject, a method for diagnosing a chemoradioresistant cervical cancer in a subject, a method for predicting the likelihood of recurrence of cervical cancer in a cervical cancer patient under treatment, and a method for predicting the prognosis for a patient with a chemoradioresistant cervical cancer.

No. of Pages: 67 No. of Claims: 27

(22) Date of filing of Application :22/04/2015

(43) Publication Date: 20/11/2015

(54) Title of the invention : COMPOSITION FOR AN ORGANIC GEL AND THE PYROLYSATE THEREOF , PRODUCTION METHOD THEREOF , ELECTRODE FORMED BY THE PYROLYSATE AND SUPERCAPACITOR CONTAINING SAME

 (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 	:C01B31/02 :12 59892 :17/10/2012 :France :PCT/IB2013/059206 :08/10/2013 :WO 2014/060904 :NA :NA	(71)Name of Applicant: 1)HUTCHINSON Address of Applicant: 2 ,rue Balzac, F- 75008 Paris France (72)Name of Inventor: 1)DUFOUR, Bruno; 2)BUREAU, Yannick; 3)DORIE, Hugo; 4)PARODAT, Pierre-Axel; 5)SONNTAG,Philippe;
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a non -crosslinked , gelled carbonaceous composition and a pyrolysed composition respectively forming an aqueous polymer gel and the pyrolysate thereof in the form of porous carbon. The invention also relates to the production method thereof , to a porous carbon electrode formed by the pyrolysed composition, and to a supercapacitor containing said electrodes. The gelled, non -crosslinked composition (G2) is based on a resin created at least partly from polyhydroxybenzene(s) R and formaldehyde(s) F and comprises at least one hydrosoluble cationic polyelectrolyte P. According to the invention , the composition forms a rheofluidifying physical gel. A pyrolysed carbonaceous composition according to the invention , consisting of a carbon monolith , is the product of coating , crosslinking , drying then pyrolysis of the non -crosslinked gelled composition , the carbon monolith being predominantly microporous and able to form a supercapacitor electrode having a thickness of less than 1 mm.

No. of Pages: 27 No. of Claims: 16

(21) Application No.3305/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :11/11/2013 (43) Publication Date : 20/11/2015

(54) Title of the invention: BIOLOGICAL CONTROL OF COCKROACHES BY ENTOMOPATHOGENIC FUNGI

:A01N	(71)Name of Applicant:
:NA	1)INTERNATIONAL PANAACEA LIMITED
:NA	Address of Applicant :E-34, 2ND FLOOR, CONNAUGHT
:NA	PLACE, NEW DELHI - 110001, INDIA Delhi India
:NA	(72)Name of Inventor:
:NA	1)DR. PRAKASH, VIMLA
: NA	2)DR. BASU, KAUSHIK
:NA	
:NA	
:NA	
:NA	
	:NA :NA :NA :NA :NA :NA :NA

(57) Abstract:

The present invention provides an improved microbial composition for effective pest control in an environment friendly way. The composition of present invention is biological based and does not contain any chemicals. The active ingredient comprises of attractants. The invention increases the mortality rate of cockroaches.

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

(22) Date of filing of Application :22/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : MODIFIED ANTIBODY ANTIBODY- CONJUGATE AND PROCESS FOR THE PREPARATION THEREOF

 (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 	:A61K47/48 :12189604.7 :23/10/2012 :EPO :PCT/NL2013/050744 :23/10/2013 :WO 2014/065661 :NA :NA :NA	(71)Name of Applicant: 1)SYNAFFIX B.V. Address of Applicant: Molenstraat 110, 5342 CC Oss Netherlands (72)Name of Inventor: 1)VAN DELFT, Floris Louis 2)VAN GEEL, Remon 3)WIJDEVEN, Maria Antonia
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(57) Abstract:

The present invention relates to an antibody comprising a GlcNAc- S(A)x substituent, wherein S(A)x is a sugar derivative comprising x functional groups A wherein A is independently selected from the group consisting of an azido group , a keto group and an alkynyl group and x is 1, 2, 3 or 4, wherein said S(A)x substituent is bonded to the antibody via CI of the N- acetylglucosamine of said S(A)x substituent, and wherein said N- acetylglucosamine is optionally fucosylated. The invention also relates to an antibody- conjugate, in particular to an antibody- conjugate according to the Formula (20) or (20b), wherein AB is an antibody, S(A)x is a sugar or a sugar derivative, S(A)x is a molecule of interest, and wherein said N- acetylglucosamine is optionally fucosylated (b is 0 or 1). The invention further relates to a process for the preparation of a modified antibody, to a process for the preparation of an antibody-conjugate and to said antibody-conjugate, for use as a medicament. In addition the invention relates to a kit of parts comprising an azide modified antibody and a linker-conjugate, wherein said linker-conjugate comprises a (hetero)cycloalkynyl group and one or more molecules of interest.

No. of Pages: 171 No. of Claims: 60

(22) Date of filing of Application :22/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: ORAL CARE IMPLEMENT WITH PRODUCT APPLICATOR

(51) International classification	:A46B11/00,A46B15/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)COLGATE- PALMOLIVE COMPANY
(32) Priority Date	:NA	Address of Applicant :300 Park Avenue, New York, New York
(33) Name of priority country	:NA	10022 U.S.A.
(86) International Application No	:PCT/US2012/069040	(72)Name of Inventor:
Filing Date	:12/12/2012	1)TATU ,Francis
(87) International Publication No	:WO 2014/092699	2)NEAL ,Kathryn
(61) Patent of Addition to Application	:NA	3)KENNEDY ,Sharon
Number	:NA	4)WORTHINGTON, Brian G.
Filing Date	.INA	5)JIMENEZ, Eduardo J.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An oral care implement with product application is disclosed. In one embodiment, the implement is a fluid dispensing toothbrush having a body comprised of a handle, a head, and an internal cavity containing an oral care material. The head includes tooth cleaning elements and an applicator in fluid communication with the internal cavity. In one embodiment, the applicator includes at least one spring- actuated valve operable to dispense the fluidic oral care material upon engagement with a user s oral tissue. The oral care material is delivered from the internal cavity upon applying a pressing force to a moveable sealing element of the valve. In certain embodiments, a pressurizer may be provided to pressurize the oral care material for positive dispensing. In one embodiment, the applicator is disposed in a soft tissue cleaner on the toothbrush head.

No. of Pages: 39 No. of Claims: 30

(22) Date of filing of Application :22/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: AN IMPROVED METHOD OF RECOVERING RUBBER FROM SKIM NATURAL RUBBER LATEX

(51) International classification :C08C1/075,C08C1/08,C08C1/10 (71) Name of Applicant: :PI2012700834 (31) Priority Document No 1)SIME DARBY MALAYSIA BERHAD (32) Priority Date :29/10/2012 Address of Applicant: 19th Floor Wisma Sime Darby, Jalan (33) Name of priority country Raja Laut, 50350 Kuala Lumpur Malaysia :Malaysia (72) Name of Inventor: (86) International Application :PCT/MY2013/000070 No 1)VEELU .Java Kumar :01/04/2013 Filing Date 2) ABDULLAH , Zainan (87) International Publication 3)ASIS Ahmad Jaril :WO 2014/069979 4)AHMAD SABRI Maizatul Putri (61) Patent of Addition to 5)MOHAMED YUSOF Khairul Muis :NA **Application Number** 6)NIK SULAIMAN Nik Meriam Binti :NA Filing Date 7)na

(57) Abstract:

Filing Date

Number

(62) Divisional to Application

:NA

:NA

The present invention relates to an improved method of recovering rubber from skim natural rubber latex. The method comprises pretreating the skim latex concentrating the skim latex ,using one membrane module or two membrane modules in series with addition of potassium hydroxide or a solution containing ammonium laurate and potassium hydroxide , optionally treating the concentrated skim latex with a tetramethylthiuramdisulphide (TMTD) and zinc oxide (ZnO) dispersion blending the concentrated latex with fresh field latex , centrifuging the blend to obtain a latex concentrate. The latex concentrate is further blended with a fresh latex concentrate and treated with ammonia to obtain the final latex concentrate.

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

(22) Date of filing of Application :14/05/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: ENERGY EFFICIENT POWER CONTROL CIRCUIT

(51) International alassification	·C05P10/04	(71) Name of Applicant
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)Barco NV
(32) Priority Date	:NA	Address of Applicant :President Kennedypark 35, B-8500
(33) Name of priority country	:NA	Kortrijk (BE) Belgium
(86) International Application No	:NA	2)Barco Control Rooms GmbH
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)JOSHI, Mahesh Chandra
(61) Patent of Addition to Application Number	:NA	2)OTERO-GENSHEIMER, Marcos
Filing Date	:NA	3)DHYANI, Subhash Chandra
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An electronic system is described comprising an assembly of a plurality of electronic devices each driven by a local power unit and a power control circuit for controlling the power on or off operation of the local power units. The electronic devices can be for example display units of a display wall. An advantage of such an assembly, e.g. a tiled display or display wall in accordance with embodiments of the present invention is that a low level or as little energy as possible is dissipated by the local power units such as DC power supplies associated with the electronic devices, e.g. tiles of a display, and the associated housekeeping • electronics. A further advantage of embodiments of the present invention is a limitation of the inrush current at start-up.

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

(22) Date of filing of Application :14/05/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: A METHOD AND SYSTEM FOR BROADCASTING A PANIC ALERT NOTIFICATION

 (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 	:H04M1/725 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)HONEYWELL INTERNATIONAL INC., Address of Applicant:101 Columbia Road - P.O. Box, 2245, Honeywell World Headquarters, Morristown NJ 07962-2245 USA U.S.A. (72)Name of Inventor: 1)GALIB GAURAV 2)SUNIL PARISI 3)CHAITHRA MANDANNA. K 4)NIKHIL SCARIA 5)KAMALAKANNAN SUBRAMANIYAN 6)DIVYASHREE KRISHNAMURTHY
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(57) Abstract:

The present invention relates to a method and system for broadcasting a panic alert notification in a communication network comprising a primary user and at least one secondary user. The method comprises the steps of receiving data relating to a panic alert and processing information and geo-location of the primary user. Further, a list of one or more secondary users to be notified of the primary userTMs emergency situation is determined and a broadcast alert message is transmitted to the one or more secondary users. The step of determining a list of one or more secondary users comprises determining a search range criteria in the vicinity of the geo-location of primary user, identifying a list of secondary users within the search range criteria and determining one or more first level and second level secondary users by mapping the list of secondary users with a list of users known to the primary user. Figure. 3

No. of Pages: 21 No. of Claims: 17

(22) Date of filing of Application :22/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: VEHICLE PEDAL WITH INDEX ASSEMBLY FOR CONTACTING SENSOR

 (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 	:G05G1/38 :61/709045 :02/10/2012 :U.S.A. :PCT/US2013/062845 :01/10/2013 :WO 2014/055500 :NA :NA :NA	(71)Name of Applicant: 1)CTS CORPORATION Address of Applicant:905 West Boulevard North, Elkhart ,Indiana 46514 U.S.A. (72)Name of Inventor: 1)KAIJALA, Murray 2)WERTMAN, Daniel 3)GIETZEN, John R.
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(57) Abstract:

A vehicle pedal comprising a housing for a pedal arm with a drum, a rotor coupled to the drum and including a contactor that slides against a strip of resistive material In the housing, and an assembly for setting and locking the index position of the rotor. In one embodiment, the rotor extends through a window that is defined in the housing and limits the movement of the rotor during the index setting operation. In one embodiment, a plastic pin that is either separate from or unitary with the rotor is fitted into a slot defined in the drum. In another embodiment a potting material is deposited and cured in the slot in the drum for locking the pin in the slot. In another embodiment, the pin is unitary with the drum of the pedal arm and is press-fitted into a slot in the rotor. In a further embodiment, the drum and rotor include respective plates and the pin is a clip that locks the plates together.

No. of Pages: 37 No. of Claims: 17

(21) Application No.3402/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :22/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : A METHOD AND APPARATUS FOR CONTROLLING ASSOCIATION OF A STATION WITH A WLAN

(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	:NA :NA :PCT/EP2012/073954 :29/11/2012 :WO 2014/082669	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant: S -164 83 Stockholm Sweden (72)Name of Inventor: 1)HEDBERG, Tomas 2)VIKBERG, Jari 3)ZEE, Oscar
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention controls the association of a station to a wireless local area network , WLAN. In particular it enables an entity in a WLAN to control when a station requests association with the WLAN to reduce the number of requests that the entity has to process. The method involves an entity of the WLAN transmitting a message including a condition which has to be fulfilled before the station can transmit a request to associate with the WLAN.

No. of Pages: 25 No. of Claims: 20

(21) Application No.1301/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :15/05/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: ULTRA VIOLET RETARDANT XLPE INSULATED POWER CABLE

(61) Y	110170744	
(51) International classification	:H01B3/44,	(71)Name of Applicant:
(31) Priority Document No	:NA	1)TATA POWER DELHI DISTRIBUTION LIMITED
(32) Priority Date	:NA	Address of Applicant :NDPL HOUSE 33 KV GRID
(33) Name of priority country	:NA	SUBSTATION HUDSON LANE KINGSWAY CAMP DELHI-
(86) International Application No	:NA	110009 Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SANJEEV ATRI
(61) Patent of Addition to Application Number	:NA	2)NILESH KANE
Filing Date	:NA	3)YOGESH GUPTA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a low tension XLPE underground cable used for power transmission and delivery. More particularly, the present invention relates to XLPE cable with ultra violet retardant properties thus reducing the ultra violet aging property and providing a longer life to the cable.

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

(21) Application No.3313/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :12/11/2013 (43) Publication Date : 20/11/2015

(54) Title of the invention : A NOVEL PRODUCT FOR STORING AND MAINTAINING TEMPERATURE OF LIQUID/FLUID CONSUMABLES FOR LONGER DURATION

(51) International classification (31) Priority Document No	:G03g :NA	(71)Name of Applicant: 1)PADIA, ASHISH
(32) Priority Date	:NA	Address of Applicant :D-35, S.M.A. INDUSTRIAL AREA,
(33) Name of priority country	:NA	G.T. KARNAL ROAD, JAHANGIR PURI, NEW DELHI-INDIA
(86) International Application No	:NA	Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)PADIA, ASHISH
(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 improved storage container made up of good food quality raw materials. The storage container of present invention is capable of maintaining the temperature of the liquid or fluid stored within for a longer period of time. The present invention is capable of maintaining the temperature of both the hot and cold liquid for a longer period of time. The product is spill-free, dent resistant, corrosion resistant, bacteria free, hygienic and easy to clean.

No. of Pages: 23 No. of Claims: 14

(21) Application No.3404/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :22/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: METHOD OF PREPARING A FLEXOGRAPHIC PRINTING MASTER

(51) International classification :B41N6/00,B41C1/00,B41C1/05 (71)Name of Applicant : (31) Priority Document No :12197710.2

(32) Priority Date :18/12/2012 (33) Name of priority country :EPO

(86) International Application No: PCT/EP2013/075447

Filing Date :04/12/2013 (87) International Publication No: WO 2014/095361

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application

:NA Number :NA Filing Date

1)AGFA GRAPHICS NV

Address of Applicant :IP Department 3622, Septestraat 27, B -

2640 Mortsel Belgium (72) Name of Inventor: 1)LINGIER. Stefaan: 2) MEURIS, Werner;

(57) Abstract:

A method for preparing a flexographic printing master on a sleeve wherein the sleeve can be reused. The reusable sleeve comprises a self adhesive on its outer surface. In a first embodiment, a support is removably attached to the reusable sleeve after which a relief image is formed on the support by an inkjet method. In a second embodiment a Direct Laser Engraving (DLE) flexographic printing master precursor is removably attached to the reusable sleeve ,after which a relief image is formed by DLE. The flexographic printing masters can then be removed from the sleeve after printing, and the sleeve can be reused to make new printing masters.

No. of Pages: 52 No. of Claims: 13

(22) Date of filing of Application :22/04/2015

(43) Publication Date: 20/11/2015

(54) Title of the invention : USER INTERFACE AND METHOD FOR ELIMINATING INTERFERENCE IN AN INDUSTRIAL INSTALLATION

(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 (51) International Classification (31) Priority Date (33) Name of priority country (34) Cerromany (51) PCT/EP2013/072 (52/10/2013 (70) PCT/EP2013/072 (70) PCT/EP2013/07	Address of Applicant :Wittelsbacherplatz 2, 80333 M ¹ / ₄ nchen Germany (72)Name of Inventor : 1)BUTTER, Christian;
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(57) Abstract:

Technical installation data are visually preprocessed in a targeted manner in a control room or on a tablet with a touchscreen in mobile use by presenting a priority matrix. For this purpose, the interference messages are sorted, for example, horizontally with descending priority from left to right and vertically according to the installation part and are output. This largely relieves an operator of analysis and prioritization of the interference messages. The operator can therefore identify, locate and eliminate the most important interference messages in a shorter time. The number of priorities and installation parts considered is flexible since the matrix can be scaled to a wide variety of installation types, installation sizes and processes. All technical installation data relevant to assessing the situation are combined in one view. A second display area with a logical view is used to provide an overview of the complete industrial installation. Overview and detailed information is advantageously combined in this combined presentation as a result of which the operator can analyse the interference messages more efficiently and can easily and quickly assess the state of the industrial installation.

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

(22) Date of filing of Application :22/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : SUBSTITUTED N- (3 -(PYRIMIDIN- 4- YL)PHENYL)ACRYLAMIDE ANALOGS AS TYROSINE RECEPTOR KINASE BTK INHIBITORS

(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 (51) International Classification Substitute (1709534 (10/2012 (10/4/10/2013 (10/4	1)UNIVERSITY OF UTAH RESEARCH FOUNDATION Address of Applicant:615 Arapeen Drive, Suite 301, Salt Lake City, UT 84108 U.S.A. 3/063555 (72)Name of Inventor: 1)VANKAYALAPATI, Hariprasad
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(57) Abstract:

In one aspect, the invention relates to substituted N-(3- (pyrimidin- 4- yl)phenyl)acrylamide analogs, derivatives thereof, and related compounds which are useful as inhibitors of the BTK kinase; synthetic methods for making the compounds; pharmaceutical compositions comprising the compounds; and methods of using the compounds and compositions to treat disorders associated with dysfunction of the BTK kinase. This abstract is intended as a scanning tool for purposes of searching in the particular art and is not intended to be limiting of the present invention.

No. of Pages: 156 No. of Claims: 20

(22) Date of filing of Application :08/04/2013 (43) Publication Date : 20/11/2015

(54) Title of the invention: THREE-PHASE TO N-PHASE TRANSFORMATION USING RIZZ CONNECTION TECHNIQUE

(51) International classification	·C06F	(71)Name of Applicant:
		1 ' '
(31) Priority Document No	:NA	1)DR. MOHD. RIZWAN KHAN
(32) Priority Date	:NA	Address of Applicant :ASSISTANT PROFESSOR,
(33) Name of priority country	:NA	DEPARTMENT OF ELECTRICAL ENGINEERING, ZAKIR
(86) International Application No	:NA	HUSSAIN COLLEGE OF ENGINEERING & TECHNOLOGY
Filing Date	:NA	ALIGARH MUSLIM UNIVERSITY, ALIGARH (UP)-202002
(87) International Publication No	: NA	INDIA. Uttar Pradesh India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. MOHD. RIZWAN KHAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention is the means of transforming three-phase incoming electrical supply to nphase output electrical supply by means of a costumed designed slip ring induction motor and special scheme of connection of their windings termed here as Riu connections. This novel slip ring induction motor connection outputs balanced %-phase (36 2 3) supply with balanced threephase input and viceversa is also true for the proposed invention. In this technique a slip ring induction motor has been used as a static andlor dynamic transformer. If rotor is kept stationary then out frequency will be same. And if rotor is rotating then output frequency will be different from the input frequency depending on the speed of rotation. The complete design and associated phasor diagrams are elaborated in the complete specification. The experimental results are provided to support the findings.

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

(22) Date of filing of Application :23/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: OPTICAL SYSTEM AND OPTICAL DEVICE PROVIDED THEREWITH

:G02B15/20,G02B13/18 (71)Name of Applicant : (51) International classification 1)NIKON CORPORATION (31) Priority Document No :2012233971 (32) Priority Date Address of Applicant: 12-1, Yurakucho 1 -chome, Chiyoda-:23/10/2012 (33) Name of priority country ku .Tokyo 1008331 Japan :Japan (72)Name of Inventor: (86) International Application No :PCT/JP2013/078549 1) ISHIGAMI, Hirovuki Filing Date :22/10/2013 (87) International Publication No :WO 2014/065267 2)SHIMIZU, Kunihiko (61) Patent of Addition to Application 3) OBAMA, Akihiko :NA Number 4)HAMASAKI ,Takuji :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Provided is an optical system whereby the amount of non -effective light (i.e. light beyond the maximum field of view) converging on the focal point of an object -side- most lens group having positive optical power is reduced, making it possible to reduce heating of a member near said focal point, prevent deformation and degradation of said member, and reduce the impact on imaging performance. Said optical system has the following: an object- side- most first lens group (G1), which has positive optical power; a diaphragm member (ST) disposed on the image side of the first lens group (G1); and a second lens group (G2) disposed on the image side of the diaphragm member (ST). This optical system satisfies the relations 0.20 < ds/f1 < 0.60 and 1.00—f2 < fs < 0.8—f1 (in mm), with ds representing the distance along the optical axis between the surface of the image- side- most lens of the first lens group (G1) and the diaphragm member (ST), f1 representing the focal length of the first lens group (G1), f1 representing the outer diameter of the object-side- most lens of the second lens group (G2), and cps representing the aperture diameter of the diaphragm member (ST).

No. of Pages: 76 No. of Claims: 9

(22) Date of filing of Application :23/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: HIGH STIFFNESS POLYPROPYLENE COMPOSITIONS

(51) International classification	:C08L23/12,F16L9/12	(71)Name of Applicant:
(31) Priority Document No	:13001743.7	1)BOREALIS AG
(32) Priority Date	:05/04/2013	Address of Applicant :IZD Tower, Wagramerstrasse 17- 19, A
(33) Name of priority country	:EPO	-1220 Wien Austria
(86) International Application No	:PCT/EP2014/000388	(72)Name of Inventor:
Filing Date	:12/02/2014	1)HORILL, Thomas;
(87) International Publication No	:WO 2014/161621	2)DOSHEV, Petar;
(61) Patent of Addition to Application	:NA	3)SUNDHOLM, Tua;
Number	:NA	4)SANDHOLZER, Martina;
Filing Date	.IVA	5)BERNREITNER, Klaus;
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Heterophasic polypropylene composition comprising a propylene homo - or random copolymer matrix phase (A), and an ethylene - propylene copolymer rubber phase (B) dispersed within the matrix phase, the heterophasic polypropylene composition including a fraction soluble in pxylene at $25\,^{\circ}$ C (XCS fraction) which is present in the resin in an amount of 4 to 14 wt.- %, and a fraction insoluble in p- xylene at $25\,^{\circ}$ C (XCU fraction) which is present in the resin in an amount of 86 to 96 wt.- %, wherein the heterophasic polypropylene composition has an MFR2, determined according to ISO 1133 at 230 °C and under a load of 2.16 kg, of 4.0 to 8.0 g/10 min; and wherein the heterophasic polypropylene composition has a flexural modulus higher than 1500 MPa measured on an injection moulded specimen with the dimension 80x10x4 mm3 according to ISO 178; and wherein the heterophasic polypropylene composition has a content of monomer units derived from ethylene of 2.0 to 7.0 wt. %.

No. of Pages: 40 No. of Claims: 18

(22) Date of filing of Application :23/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: MICROFLUIDIC SYSTEM AND METHOD WITH FOCUSED ENERGY APPARATUS

(51) International classification	:G01N15/14	(71)Name of Applicant:
(31) Priority Document No	:61/897743	1)PREMIUM GENETICS (UK) LTD.
(32) Priority Date	:30/10/2013	Address of Applicant : Alpha Building ,London Road,
(33) Name of priority country	:U.S.A.	Nantwich CW5 7JW U.K.
(86) International Application No	:PCT/IB2014/001425	(72)Name of Inventor:
Filing Date	:18/06/2014	1)APPLEYARD David
(87) International Publication No	:WO 2015/063552	2)BETTHAUSER Jeff
(61) Patent of Addition to Application	:NA	3)FAUST Marjorie
Number	:NA	4)LARSEN John
Filing Date	.11/1	5)SHAO Guocheng
(62) Divisional to Application Number	:NA	6)XIA Zheng
Filing Date	:NA	7)ZHOU Yu

(57) Abstract:

An apparatus and method of identifying objects includes: a microfluidic chip in which are disposed a plurality of channels the microfluidic chip including: a main fluid channel into which a sample fluid mixture of objects to be identified is introduced; a plurality of sheath fluid channels into which sheath fluids are introduced the sheath fluids which orient the objects in the main fluid channel in a predetermined direction while still maintaining laminar flow in the main fluid channel; an interrogation apparatus which detects and interrogates the oriented objects in the main fluid channel; and a focused energy apparatus which performs an action on the objects.

No. of Pages: 135 No. of Claims: 64

(21) Application No.3253/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :03/02/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention : DEVICE AND METHOD FOR THREADING ADVANCING YARN ONTO WINDING SPINDLE OF AN AUTOMATIC REVOLVER TYPE WINDER

(51) International classification	:B65H	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Lohia Corp Limited
(32) Priority Date	:NA	Address of Applicant :D3/A Panki Industrial Estate, Kanpur
(33) Name of priority country	:NA	Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Mr. Lohia, Amit Kumar
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention is a part of a yarn transfer system used for transferring yarn from a full bobbin to an empty bobbin typically fitted on a winder frame. The invention broadly comprises a yarn traverse device used in transferring a continuously arriving yarn onto an empty bobbin for commencing of winding process during bobbin changeover process in automatic turret winder without any stoppage. This is achieved with the provision of an actuation device that facilitates axial movement of the yarn traverse device. In the present invention, during the bobbin changeover operation, the yarn traverse device is moved axially through the actuation device and allows the traverse guidewhile maintaining its normal traverse speed at all timesto move beyond the normal yarn winding zone such that the advancing yarn is within the reach of the yarn grasping device of the ready-to-be-wound empty bobbin. After the yarn transfer is completed, the traverse device moves back to the normal winding zone.

No. of Pages: 33 No. of Claims: 15

(21) Application No.3435/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :23/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: SUPPLY DEVICE FOR A COMBUSTION CHAMBER

(51) International classification :F23D14/58,F23J7/00,F23J15/00 (71)Name of Applicant : (31) Priority Document No :12511549

(32) Priority Date :11/10/2012 (33) Name of priority country :Sweden

(86) International Application No:PCT/SE2013/051185

Filing Date :09/10/2013

(87) International Publication No: WO 2014/058381

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application

:NA Number :NA Filing Date

1)ECOMB AB (PUBL)

Address of Applicant :Box 2017, S -151 02 Sdertlie Sweden

(72) Name of Inventor: 1)HAGSTR-M,Ulf

(57) Abstract:

The present invention relates to a tubular supply device (1) for supplying solid particles (2) and a carrier fluid (3) to a combustion chamber in a heat generating plant, said supply device having a first end (5), a second end and a longitudinal axis and comprising: a tube (8, 9); an opening (13) through the tube at the first end; and a supply pipe (15), a first end (16) of the pipe being proximal to the first end of the supply device and having an opening (17) defining an outlet of the pipe, and a second end (18) of the pipe being distal to the first end of the supply device, having an opening (19) defining an inlet of the pipe and being connected to an inside surface of the tube, the supply pipe defining a curved flow channel (20) within the tube wherein the flow channel at the outlet of the pipe has a direction towards the opening through the tube which is at an angle (a) to the longitudinal axis of the supply device.

No. of Pages: 29 No. of Claims: 21

(21) Application No.3436/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :23/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: A WIND TURBINE

(51) International classification :F03D1/00,F03D1/06,F03D11/00 (71)Name of Applicant:

(31) Priority Document No :PA 2012 00642 (32) Priority Date :19/10/2012

(33) Name of priority country :Denmark (86) International Application

:PCT/DK2013/050333 No :16/10/2013 Filing Date

(87) International Publication No:WO 2014/059994

(61) Patent of Addition to :NA Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1) VESTAS WIND SYSTEMS A/S

Address of Applicant: Hedeager 44, DK-8200 Aarhus N

Denmark

(72) Name of Inventor:

1)RYTTER. Frederik

2)BITSCH ,Michael Lundgaard

(57) Abstract:

The invention provides a wind turbine comprising a nacelle and a rotor being rotatable about an axis and relative to the nacelle. The rotor comprises a plurality of blades mounted on a rotor- centre-structure and is adapted to be parked in a plurality of parking positions. Each of the parking positions provides at least two simultaneously appearing passages suitable for passage of personnel from the nacelle into an inner space in the rotor- centre -structure. Each passage is formed by a nacelle- opening into the nacelle in communication with a matching RCS- opening into the rotor centre -structure.

No. of Pages: 19 No. of Claims: 15

(22) Date of filing of Application :23/04/2015 (43) Publication Date : 20/11/2015

:NA

(54) Title of the invention: VEHICLE HAVING SUSPENSION WITH CONTINUOUS DAMPING CONTROL

:B60G17/08,B60G17/0165 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)POLARIS INDUSTRIES INC. :61/723623 (32) Priority Date Address of Applicant :2100 Highway 55 Medina MN 55340 :07/11/2012 (33) Name of priority country :U.S.A. U.S.A. (86) International Application No :PCT/US2013/068937 (72) Name of Inventor: Filing Date :07/11/2013 1)BRADY, Louis, James (87) International Publication No :WO 2014/074711 2) SCHEURELL Alex R. (61) Patent of Addition to Application :NA Number :NA Filing Date

(57) Abstract:

Filing Date

A damping control system for a vehicle having a suspension located between a plurality of ground engaging members and a vehicle frame includes at least one adjustable shock absorber having an adjustable damping characteristic. The system also includes a controller coupled to each adjustable shock absorber to adjust the damping characteristic of each adjustable shock absorber and a user interface coupled to the controller and accessible to a driver of the vehicle. The user interface includes at least one user input to permit manual adjustment of the damping characteristic of the at least one adjustable shock absorber during operation of the vehicle. Vehicle sensors may also be coupled to the controller to adjust the damping characteristic of the at least one adjustable shock absorber based on sensor output signals.

No. of Pages: 27 No. of Claims: 35

(62) Divisional to Application Number :NA

(22) Date of filing of Application :28/09/2013 (43) Publication Date : 20/11/2015

(54) Title of the invention: SYNCHRONIZATION OF MPI COMBUSTION ENGINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:NA :NA :NA :NA :NA	(71)Name of Applicant: 1)CONTINENTAL AUTOMOTIVE GmbH Address of Applicant: Vahrenwalder Strae 9, 30165 Hannover, Germany Germany (72)Name of Inventor: 1)BHOI DILEEP
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	2)GOUZENNE VALERIE 3)SHRIVASTAVA SHWETA

(57) Abstract:

There is described a method for synchronizing an MPI combustion engine, the combustion engine comprising a plurality of cylinders and a crankshaft. The method comprises (a) detecting (110) a reference rotational position of the crankshaft; (b) applying (112) a first pattern (201) of injection pulses to the cylinders, the first pattern of injection pulses corresponding to a selected cylinder being in a first state at a time corresponding to the detection of the reference rotational position of the crankshaft; (c) determining whether the application of the first pattern of injection pulses causes the rotational speed of the crankshaft to increase; (d) if it is determined that the application of the first pattern of injection pulses causes the rotational speed of the crankshaft to increase: selecting (120) the first state; (e) if it is not determined that the application of the first pattern of injection pulses causes the rotational speed of the crankshaft to increase: (el) applying (132) a second pattern (205, 207) of injection pulses to the cylinders, the second pattern of injection pulses corresponding to the selected cylinder being in a second state at the time corresponding to the detection of the reference rotational position of the crankshaft, (e2) deter—mining whether the application of the second pattern of injection pulses causes the rotational speed of the crankshaft to increase, and (e3) if it is determined that the application of the second pattern of injection pulses causes the rotational speed of the crankshaft to increase: selecting (120) the second state; and (f) applying a repeating sequential pattern of injection pulses to the cylinders based on the selected state of the selected cylinder.

No. of Pages: 30 No. of Claims: 13

(22) Date of filing of Application :21/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: TEMPERATURE CONTROLLING SURFACES AND SUPPORT STRUCTURES

:F28F7/02,B01J19/00,B01J19/18 (71)Name of Applicant : (51) International classification

:NA

(31) Priority Document No :13/691998 (32) Priority Date :03/12/2012 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2013/072742

No :03/12/2013 Filing Date

(87) International Publication No: WO 2014/089000

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number

Filing Date

1)GE HEALTHCARE BIO -SCIENCES CORP.

Address of Applicant :Patent Department, 800 Centennial

Avenue, Piscataway ,NJ 08855 U.S.A.

(72) Name of Inventor:

7)MITCHELL, Peter

1) DAMREN .Richard .L.

2) ERDENBERGER, Thomas

3)TUOHEY, Colin, R. 4)CROWELL, Joseph, D. 5)GALLIHER, Parrish, M. 6)CLAPP, Kenneth

(57) Abstract:

A heat exchange module for use in a chemical, pharmaceutical or biological reactor system can include a body configured to be disposed in the reactor system having an inner replaceable reactant container is disclosed. The body can further include at least one thermally conductive surface adapted to contact the inner replaceable reactant container to facilitate heat transfer. Furthermore, the heat exchange module can include a heat exchanger disposed within the module body and can include a fluid circulation path through which a heat exchange fluid can be circulated.

No. of Pages: 59 No. of Claims: 26

(21) Application No.3438/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :23/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: INOCULANT ALLOY FOR THICK CAST IRON PARTS

(51) International classification: C22C29/18, C22C33/02, C21C1/10 (71) Name of Applicant:

:12/11/2013

(31) Priority Document No :12/60817 (32) Priority Date :14/11/2012

(33) Name of priority country :France

(86) International Application :PCT/FR2013/052710

Filing Date

(87) International Publication :WO 2014/076404

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)FERROPEM

Address of Applicant :517 avenue de la Boisse, F- 73000

Chambery France

(72)Name of Inventor:

1)FAY, Aurlie 2)TOUMI, Mourad

3)MARGARIA, Thomas

4)BERRUEX, Daniel

(57) Abstract:

The invention relates to an inoculant alloy for the treatment of thick cast- iron parts, based on ferrosilicon and containing between 0.005 and 3 wt. % of rare earths and characterised in that it also contains between 0.2 and 2 wt. % of antimony.

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

(21) Application No.3439/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :23/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: CORE NEEDLE BIOPSY DEVICE

(51) International classification(31) Priority Document No	:A61B10/02 :61/729245	(71)Name of Applicant: 1)C.R. BARD,INC.
(32) Priority Date	:21/11/2012	Address of Applicant :730 Central Avenue, Murray Hill ,NJ
(33) Name of priority country	:U.S.A.	07974 U.S.A.
(86) International Application No		(72)Name of Inventor:
Filing Date	:20/11/2013	1)SHABAZ, Martin, Victor
(87) International Publication No	:WO 2014/081812	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date (62) Divisional to Application Number	:NA	
(62) Divisional to Application Number		
Filing Date	:NA	

(57) Abstract:

A biopsy device includes a cutting cannula mechanism having a cutting cannula and an inner stylet mechanism having an inner stylet coaxial with the cutting cannula. A cocking mechanism is configured to cock the cutting cannula mechanism and the inner stylet mechanism by retracting each of the cutting cannula and the inner stylet in a proximal direction to a cocked position. A trigger device is configured to fire at least one of the inner stylet mechanism and the cutting cannula mechanism to advance a respective at least one of the inner stylet and the cutting cannula from the cocked position in a distal direction. A selector assembly includes a selector switch having an exterior tab accessible by a user. The selector assembly is configured to select between at least two user selectable operating modes and at least two user selectable firing distances.

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

(22) Date of filing of Application :16/05/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention : NETWORK ROUTING SYSTEMS AND METHODS FOR VALIDATION OF PATHS SUBSEQUENT TO VALIDATION FAILURE

(51) International classification	:H04J14/02	(71)Name of Applicant:
(31) Priority Document No	:NA	1)CIENA CORPORATION
(32) Priority Date	:NA	Address of Applicant :7035 Ridge Road Hanover, MD 21076,
(33) Name of priority country	:NA	USA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)TRIPATHI, Shalendra
(87) International Publication No	: NA	2)SHARMA, Piyush
(61) Patent of Addition to Application Number	:NA	3)KHAN, Waseem Reyaz
Filing Date	:NA	4)CHOPRA, Kapil
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method, a network, and a node include computing a path by a source node; sending a message to nodes in the path with associated validation criteria; locally checking the validation criteria at each of the nodes in the path; if the validation criteria is satisfied at the node, forwarding the message to the next node in the path; else there is a validation criteria failure at the node, appending feedback data to the message, converting the message to a validation message, and forwarding the validation message to the next node in the path; and at a destination node, if there are no validation criteria failures, then establishing the connection; else issuing a release message to the source node with all the feedback such that the source node can compute a new path exclusive of nodes where the validation criteria fails.

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

(22) Date of filing of Application :16/07/2013 (43) Publication Date : 20/11/2015

(54) Title of the invention: COMPUTER OR LAPTOP WORKSTATION CUM MULTIPURPOSE TABLE

(51) International classification	:B25F1/00,A62B15/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MR. AGARWAL ASHUTOSH KUMAR
(32) Priority Date	:NA	Address of Applicant : A-46, SHYAM PARK EXT.
(33) Name of priority country	:NA	SAHIBABAD, GHAZIABAD. Uttar Pradesh India
(86) International Application No	:NA	2)MR. ATREYA S.K.
Filing Date	:NA	3)MR. RAMPAL NAVEEN
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)MR. AGARWAL ASHUTOSH KUMAR
Number	:NA	2)MR. ATREYA S.K.
Filing Date	.IVA	3)MR. RAMPAL NAVEEN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Discloses a multipurpose table cum Laptop or desktop workstation. There are two platforms which are connected with single member or with two members. Platforms can move with respect to each other. One platform is used to keep display unit at eye level. Another platform is placed at the lower side, hand operated input devices may be placed on it. There is a clamp attached with whole assembly. With the help of clamp whole assembly may be attached with a traditional table.

No. of Pages: 9 No. of Claims: 7

(22) Date of filing of Application :21/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: SHAMPOO COMPOSITION COMPRISING LOW VISCOSITY SILICONE POLYMERS

(51) International :A61Q5/02,A61K8/893,A61K8/894

classification (31) Priority Document No :61/842649 (32) Priority Date :03/07/2013

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

(86) International Application :PCT/US2014/044327

:26/06/2014 Filing Date

(87) International Publication :WO 2015/002811

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to Application :NA

Number :NA Filing Date

(71) Name of Applicant:

1) THE PROCTER & GAMBLE COMPANY

Address of Applicant :One Procter & Gamble Plaza,

Cincinnati Ohio 45202 U.S.A.

(72)Name of Inventor:

1)SNYDER, Michael, Albert; 2) JANSEN, Joseph, Harry;

3)WAGNER, Roland;

4) WEAVER, Martha, Jane;

(57) Abstract:

A shampoo composition including (a) a silicone polymer including (i) one or more quaternary groups; (ii) at least one silicone block comprising greater than 200 siloxane units; (iii) at least one polyalkylene oxide structural unit; and (iv) at least one terminal ester group, and (b) a detersive surfactant. The silicone polymer has a viscosity of up to 100,000 mPa.s.

No. of Pages: 46 No. of Claims: 14

(21) Application No.3348/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :21/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: ARTICLE WITH GLASS LAYER AND GLASS CERAMIC LAYER AND METHOD OF MAKING THE ARTICLE

(51) International

:C03C3/083,B32B17/06,C03C3/085

classification

(31) Priority Document No :61/744848 (32) Priority Date :04/10/2012

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

(86) International Application :PCT/US2013/063400

No

:04/10/2013 Filing Date

(87) International Publication: WO 2014/055834

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date

(62) Divisional to Application :NA Number

:NA Filing Date

(71)Name of Applicant:

1)CORNING INCORPORATED

Address of Applicant: 1 Riverfront Plaza, Corning, New York

14831 U.S.A.

2)BOEK, Heather Debra

3) VENKATARAMAN, Natesan

(72)Name of Inventor:

1) VENKATARAMAN , Natesan

2)BOEK ,Heather Debra

(57) Abstract:

A glass- ceramic composition is disclosed herein including: from about 60 mol.% to less than 72.0 mol.% Si02; from about 10 mol.% to about 17 mol.% A1203; from about 3 mol.% to about 15 mol.% Na20; from about 1 mol.% to about 8 mol.% Li20; and from about 3 mol.% to about 7 mol.% Ti02. The glass- ceramic composition can be used to form one, two, or more ,cladding layers of a laminated glass article, wherein the layer(s) of glass-ceramics material can be cerammed to form one or more glass ceramic layers.

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

(22) Date of filing of Application :23/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: SPUN-BONDED NON-WOVEN FABRIC

(51) International classification	:D04H3/007,D01F6/46	(71)Name of Applicant:
(31) Priority Document No	:2012213925	1)MITSUI CHEMICALS, INC.
(32) Priority Date	:27/09/2012	Address of Applicant :5- 2, Higashi- Shimbashi 1 -chome
(33) Name of priority country	:Japan	,Minato- ku, Tokyo 1057117 Japan
(86) International Application No	:PCT/JP2013/076061	(72)Name of Inventor:
Filing Date	:26/09/2013	1)NAOSUKE KUNIMOTO
(87) International Publication No	:WO 2014/050965	2)KENICHI SUZUKI
(61) Patent of Addition to Application	:NA	3)YOSHIHISA KAWAKAMI
Number	:NA	4)KOSUKE OTA
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The purpose of the present invention is to provide a polypropylene spun- bonded non- woven fabric exhibiting excellent flexibility bending resistance, texture ,and strength. This spun- bonded non- woven fabric comprises a propylene polymer composition including a propylene polymer (A) having a melting point of at least 120°C, and a C15 -21 fatty acid amide. It is preferable that an oleic acid amide be used as the C15 -21 fatty acid amide. It is also preferable that the propylene polymer composition include a propylene polymer (B) having a melting point of less than 120°C.

No. of Pages: 55 No. of Claims: 12

(21) Application No.1521/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :18/11/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: COMPOSITION FOR BOWEL CLEANSING

(51) International classification		(71)Name of Applicant:
	31/765	
(31) Priority Document No	:NA	JAMNA AGRO IMPLEMENTS PRIVATE LIMITED)
(32) Priority Date	:NA	Address of Applicant :E-38, INDUSTRIAL AREA, JAI
(33) Name of priority country	:NA	SPRING ROAD, YAMUNA NAGAR-135001 (HARYANA)
(86) International Application No	:NA	Haryana India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)DR. JAGTAR SINGH SODHI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

COMPOSITION FOR BOWEL CLEANSING • The present invention relates to a synergistic herbal formulation free from salt and sugar in the treatment of constipation. The present invention also provides a process for preparation of said synergistic herbal formulation of instant invention. Present invention provides a composition comprising leaves and pods of Cassia angustifolia, roots stocks of Glycerrhiza glabra, dried fruit of Terminalia Chebula, matured cremocarp of Foeneculum vulgare and dried petals of Rosa domestica. The leaves and pods of Cassia angustifolia are shade dried prior to use in the composition. Also, the petals of the Rosa domestica are dried prior to use in the composition. The present invention provides a process for the preparation of said synergistic formulation.

No. of Pages: 16 No. of Claims: 13

(21) Application No.3351/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :21/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: DYEABLE AND FLAME -RETARDED THERMOPLASTIC POLYURETHANE FIBERS

(51) International classification (31) Priority Document No	1:D01F1/07,C08G18/38,C08L75/04 :61/717144	(71)Name of Applicant: 1)LUBRIZOL ADVANCED MATERIALS, INC.
(32) Priority Date	:23/10/2012	Address of Applicant :9911 Brecksville Road, Cleveland, OH
(33) Name of priority country	:U.S.A.	44141- 3247 U.S.A.
(86) International Application No Filing Date	:PCT/US2013/063966 :09/10/2013	(72)Name of Inventor: 1)VEDULA, Ravi R. 2)LEE, Mouh -Wahng
(87) International Publication No	:WO 2014/066037	3)FARKAS "Julius
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a thermoplastic polyurethane fibers, and process of making the same , where the described fiber has good dyeability and in some embodiments , good flame retardant properties. Such fibers are made from a composition that includes (a) a thermoplastic polyurethane itself comprising the reaction product of: (i) one or more polyols , (ii) one or more diisocyanates ,(iii) one or more chain extenders , (iv) optionally one or more crosslinking agents , and (v) one or more functional modifiers wherein each said functional modifier is a reaction product of an aminodiol and a Bronsted acid.

No. of Pages: 31 No. of Claims: 21

(21) Application No.3352/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :21/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : AIR INJECTION SYSTEM FOR COOLING A ROTOR IN A GAS TURBINE ENGINE AND METHOD OF COOLING SUCH ROTOR

(51) International classification: F01D5/08,F01D25/12,F01D21/00 (71) Name of Applicant: (31) Priority Document No 1)SIEMENS AKTIENGESELLSCHAFT :13/670615 (32) Priority Date :07/11/2012 Address of Applicant: Wittelsbacherplatz 2, 80333 Munich (33) Name of priority country Germany :U.S.A. (72)Name of Inventor: (86) International Application :PCT/US2013/067577 1)THAM ,Kok- Mun :30/10/2013 Filing Date 2) LEE, Ching -Pang (87) International Publication 3) TERPOS, Brian H. :WO 2014/074368 4)SIMKO, Dustan M. (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

An air injection system for use in a gas turbine engine includes at least one outlet port (42) through which air is extracted from the engine only during less than full load operation, at least one rotor cooling pipe (46A-D), which is used to inject the air extracted from the outlet port(s) (42) into a rotor chamber (Rc), a piping system (44) that provides fluid communication between the one outlet port(s) and the rotor cooling pipe(s), a blower system (50) for extracting air from the engine through the outlet port(s) and for conveying the extracted air through the piping system (44) and the rotor cooling pipe(s) (46A-D) into the rotor chamber (Rc), and a valve system (48A,B). The valve system is closed during full load engine operation to prevent air from passing through the piping system (44), and open during less than full load engine operation to allow air to pass through the piping system.

No. of Pages: 21 No. of Claims: 20

(22) Date of filing of Application :23/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: FERRITIC STAINLESS STEEL SHEET HAVING EXCELLENT HEAT RESISTANCE

(51) International classification: C22C38/00,C21D9/46,C22C38/26 (71) Name of Applicant: (31) Priority Document No :2012239148

:30/10/2013

(32) Priority Date :30/10/2012

(33) Name of priority country :Japan

(86) International Application :PCT/JP2013/079461 No

Filing Date

(87) International Publication :WO 2014/069543

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

1)NIPPON STEEL & SUMIKIN STAINLESS STEEL CORPORATION Address of Applicant: 6-1, Otemachi 2- chome, Chiyoda- ku

Tokyo 1000004 Japan (72)Name of Inventor:

1)SHINICHI TERAOKA 2)MIHIRO FUKUDA 3)MASAAKI KOBAYASHI

The present invention provides a Sn containing ferritic stainless steel sheet having excellent heat resistance. The ferritic stainless steel contains, in terms of mass %, 0.015% or less of C, 1.5% or less of Si, 1.5% or less of Mn, 0.035% or less of P, 0.015% or less of S, 13-21% of Cr, 0.01-0.50% of Sn, 0.05-0.60% of Nb, and 0.020% or less of N, with the remainder consisting of Fe and unavoidable impurities. The ferritic stainless steel satisfies formula 1 and formula 2, and has a grain boundary Sn concentration of 2 atom % or less when subjected to a heat treatment at $600 - 750^{\circ}$ C in which the value of L, as shown in formula 3, is 1.91 - 104 or higher. $8 \le CI$ $= (Ti+0.52Nb)/(C+N) \le 26$ (formula 1) GBSV = Sn+Ti- 2Nb -0.3Mo- $0.2 \le 0$ (formula 2) L = (273+T) (log(t)+20) (formula 3) T: Temperature (°C) t: time (h)

No. of Pages: 41 No. of Claims: 14

(22) Date of filing of Application :13/05/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention : ${}^{\sim}$ FRAMEWORK TO ACCOMMODATE TEST PLAN CHANGES WITHOUT AFFECTING OR INTERRUPTING TEST EXECUTIONTM

(51) International classification	·G06F0/44	(71)Name of Applicant:
(31) Priority Document No	:NA	1)UNISYS CORPORATION
(32) Priority Date	:NA	Address of Applicant :C/O Patent & Technology Law Group
(33) Name of priority country	:NA	MS/2NW, 801 Lakeview Drive, Suite 100, Blue Bell, PA 19422,
(86) International Application No	:NA	United States of America U.S.A.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Prabhu S
(61) Patent of Addition to Application Number	:NA	1)1 Labita 5
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In an exemplary computer implemented method for executing test scripts, a computer receives a test file having a set of one or more unique test script identifiers associated with a test script stored in a test script repository. The computer fetches a test script from the test script repository according to the test file, and stores the test script as a queued test script in a buffer memory. The computer provides instructions to a processor to execute the queued test script, and then receives results. The computer continuously monitors an action request queue configured to received action requests to change a test script or change the set of test script identifiers. The computer executes the action request before storing the next queued test script in the buffer memory.

No. of Pages: 30 No. of Claims: 18

(21) Application No.2435/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :03/08/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention : SYSTEM AND METHOD FOR CONTROLLING APPLICATION DISPLAY ON A COMPUTING DEVICE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G06F :NA :NA :NA	(71)Name of Applicant: 1)SACHIN GOEL Address of Applicant: G-73, SAKET, FIRST FLOOR, NEW DELHI. Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SACHIN GOEL
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method and a system for controlling the display of applications on a graphical user interface of a computing device by enabling a private mode (106) for the applications to be controlled. The private mode applications are hidden from viewing by activating a first mode of a display controller (108). The hidden applications can be viewed again by activating a second mode of the display controller (112). The system can also require inputting a user defined password (214) after activating the second mode (110) for un-hiding the hidden private mode applications.

No. of Pages: 22 No. of Claims: 15

(21) Application No.3353/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :21/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: CURING OF AROMATIC CARBODIIMIDES

(51) International :C08L79/00,C08L79/08,C08G18/48

classification

(31) Priority Document No :61/710791 (32) Priority Date :08/10/2012 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2013/063204

:03/10/2013 Filing Date

(87) International Publication :WO 2014/058700

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number :NA

Filing Date (57) Abstract:

(71)Name of Applicant:

1) ROHM AND HAAS COMPANY

Address of Applicant: 100 Independence Mall West,

Philadelphia, PA 19106 U.S.A.

(72)Name of Inventor:

1)BRINKMAN, Larry F.;

2) JACOBS, Bradley A.;

3)MARINE,Amira A.; 4) VIETTI, David E.;

5)ZUPANCIC, Joseph J.;

A method for polymerizing an aromatic multi- functional carbodiimide by contacting the aromatic multi- functional carbodiimide with a carboxylic acid salt at a temperature from 15 C to 90 C.

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

(21) Application No.3354/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :21/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: LOW WATER DRYING TYPE JOINT COMPOUND

(51) International classification	:C04B26/04,C04B111/00	(71)Name of Applicant:
(31) Priority Document No	:13/647796	1)UNITED STATES GYPSUM COMPANY
(32) Priority Date	:09/10/2012	Address of Applicant :550 West Adams Street, Chicago,
(33) Name of priority country	:U.S.A.	Illinois 60661 3676 U.S.A.
(86) International Application No	:PCT/US2013/060581	(72)Name of Inventor:
Filing Date	:19/09/2013	1)ROSENTHAL, Guy;
(87) International Publication No	:WO 2014/058588	2)IMMORDINO, Salvatore;
(61) Patent of Addition to Application	:NA	3)NEGRI, Robert H.;
Number	:NA	4)STEVENS, Richard B.;
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A drying type joint compound composition is provided, including: at least one binder, a filler and water, the water having a weight percentage in the range of 12- 18% of the total weight of the composition.

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

(21) Application No.3355/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :21/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: SEALANT COMPOSITION

(51) International classification	:C08L23/08	(71)Name of Applicant :
(31) Priority Document No	:61/713136	1)DOW GLOBAL TECHNOLOGIES LLC
(32) Priority Date	:12/10/2012	Address of Applicant :2040 Dow Center, Midland, MI 48674
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2013/062826	(72)Name of Inventor:
Filing Date	:01/10/2013	1)KAPUR, Mridula;
(87) International Publication No	:WO 2014/058660	2)WANG, Jian;
(61) Patent of Addition to Application	:NA	3)SAINI, Gagan;
Number		4)BILGEN, Mustafa;
Filing Date	:NA	5)TAMBLING, Troy M.;
(62) Divisional to Application Number	:NA	6)REIB, Robert N.;
Filing Date	:NA	

(57) Abstract:

The instant invention provides a sealant composition, method of producing the same , film layers and multilayer structures made therefrom. The linear low density polyethylene composition suitable for sealant applications according to the present invention comprises: less than or equal to 100 percent by weight of the units derived from ethylene; less than 35 percent by weight of units derived from one or more a- olefin comonomers; wherein said linear low density polyethylene composition has a density in the range of 0.900 to 0.920 g/cm3 , a molecular weight distribution (Mw/Mn) in the range of 2.5 to 4.5 , a melt index (I2) in the range of 0.5 to 3g/10 minutes , a molecular weight distribution (Mz/Mw) in the range of from 2.2 to 3 , vinyl unsaturation of less than 0.1 vinyls per one thousand carbon atoms present in the backbone of said composition, and a zero shear viscosity ratio (ZSVR) in the range from 1.0 to 1.2.

No. of Pages: 36 No. of Claims: 5

(21) Application No.3446/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :23/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: BLENDS OF POLYETHERSULFONES AND POLYPHENYLENE SULFIDES

(51) International classification :C08L81/02,C08J5/00,C08K3/00 (71)Name of Applicant:

(31) Priority Document No :61/749194 (32) Priority Date :04/01/2013

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

(86) International Application :PCT/US2013/075650

No :17/12/2013 Filing Date

(87) International Publication No: WO 2014/107298

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number :NA

Filing Date

1)SABIC GLOBAL TECHNOLOGIES B.V.

Address of Applicant: Plasticslaan 1, NL-4612PX Bergen op

Zoom Netherlands

(72)Name of Inventor:

1)SANNER, Mark, A.

2)SHETH, Kapil, Chandrakant; 3)RAMALINGAM, Hariharan;

(57) Abstract:

A composition including a blend of: a) a polyethersulfone; b) a polyphenylene sulfide; and c) an epoxy and optionally a polyetherimide, wherein the polyetherimide and epoxy are present in an amount effective to act as a compatibilizer for the polyethersulfone and polyphenylene sulfide.

No. of Pages: 18 No. of Claims: 20

(21) Application No.3360/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :21/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: A FLOW APPARATUS

:F16K37/00,F17C13/04 (71)Name of Applicant : (51) International classification 1)LINDE AKTIENGESELLSCHAFT (31) Priority Document No :1217551.9 (32) Priority Date Address of Applicant: Klosterhofstrasse 1, 80331 Munich :01/10/2012 (33) Name of priority country :U.K. Germany (86) International Application No :PCT/EP2013/069935 (72) Name of Inventor: Filing Date :25/09/2013 1)LAMBERT, Piers (87) International Publication No :WO 2014/053371 2) GREGORY, George (61) Patent of Addition to Application 3)GOBOLD,Oliver :NA

Number
Filing Date

(62) Divisional to Application Number
Filing Date

:NA
:NA
:NA
:NA
:NA

(57) Abstract:

The present invention provides a flow apparatus (10) for a vessel storing fluid under pressure having a flow control valve (12) having a housing (14) and an outlet aperture (16) and further including a valve seat (18) and a sealing member (20) for sealing against said seat (18) such as to obturate said outlet (16), said apparatus further including an actuator (22) connected to said sealing member (20) for moving it between an open position of the valve in which it unobturates the outlet aperture (16) and a closed position in which it obturates said outlet, characterised by an electrical switch (24) for controlling the supply of electrical current to one or more electrical components (25) and wherein said switch is operably connected to said sealing member (20) to allow for the passage of current when said valve (12) is in a first position and to restrict the flow of current when said valve (12) is in a second position. Such an apparatus may be used to control the flow of gas from a gas bottle and to ensure that electricity is only supplied when needed, thus prolonging battery life and reducing maintenance.

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

(22) Date of filing of Application :21/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: PLANAR TRANSFORMER

(51) International classification	:H01F27/28,H01F27/32	(71)Name of Applicant:
(31) Priority Document No	:NA	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:NA	Address of Applicant :S -164 83 Stockholm Sweden
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:PCT/EP2012/076119	1)PERSSON ,Oscar
Filing Date	:19/12/2012	2)KARLSSON ,Magnus
(87) International Publication No	:WO 2014/094841	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.ivA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Embodiments provide a multi - layered printed circuit board , PCB, for providing first windings for a first side of a planar magnetic transformer and second windings for a second side of the planar magnetic transformer the PCB comprising; a plurality of conductive layers configured to provide the first windings, - a plurality of conductive layers configured to provide the second windings; and a plurality of layers of an isolation material; wherein, each layer of isolation material is arranged between two conductive layers so as to provide electrical isolation between said two conductive layers; and a group of two or more adjacent conductive layers are all conductive layers of the first windings and are all arranged between two conductive layers of the second windings wherein the thickness of the isolation material between the group of adjacent conductive layers of the first windings is less than the thickness of the isolation material between a conductive layer of the second windings and a conductive layer of the first windings. Advantageously, a PCB with a lower height than realisable with known fully interleaved planar magnetic transformer designs is provided. The reduced height improves the thermal conductivity of the PCB, the flux leakage is reduced and good magnetic coupling between the primary and secondary sides is maintained.

No. of Pages: 35 No. of Claims: 14

(21) Application No.3451/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :23/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: METHOD OF PREVENTING CORROSION OF OIL PIPELINES STORAGE STRUCTURES AND **PIPING**

(51) International :C10G19/02,B01J23/755,C07C1/32 classification

(31) Priority Document No :13/679696

(32) Priority Date :16/11/2012 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2013/026698

No

:19/02/2013 Filing Date

(87) International Publication

:WO 2014/077872

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to Application :NA

Number :NA Filing Date

(71)Name of Applicant:

1)CERAMATEC, INC.

Address of Applicant :2425 South 900 West, Salt Lake City

Utah 84119 U.S.A. (72)Name of Inventor:

1) GORDON , John Howard

(57) Abstract:

Corrosion of ferrous material such as steel or stainless steel is a problem in oil pipelines, oil storage tanks, and the piping and process equipment at oil refineries, and this corrosion may be reduced by reducing the TAN value of the oil feedstock that is used/transported within the ferrous material. This TAN value may be reduced by reacting the oil feedstock with an alkali metal, thereby forming a deacidified alkali metal. The de-acidified alkali metal has a TAN value of less than or equal to 1 mgKOH/g.

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

(22) Date of filing of Application :23/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: METHOD AND APPARATUS FOR CHANGING A PERSPECTIVE OF A VIDEO

 (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 	:G06T11/00,H04N5/262 :13/645066 :04/10/2012 :U.S.A. :PCT/CA2013/050747 :03/10/2013 :WO 2014/053063 :NA :NA	(71)Name of Applicant: 1)ATI TECHNOLOGIES ULC Address of Applicant: One Commerce Valley Drive East, Markham, Ontario L3T 7X6 Canada (72)Name of Inventor: 1)ARORA, Jitesh 2)HE, Cheng 3)YE, Jianfei 4)AHSAN, Mir
- (:NA :NA :NA	4)AHSAN ,Mir

(57) Abstract:

A method and apparatus provides for changing a perspective of a video such as a display perspective of an object displayed in the video. In one example, the method and apparatus changes the display perspective of an object displayed in the video based on information indicating an orientation and/or position of the recording device that captures the object on the video. To do so, the method and apparatus may determine a current display perspective for an object displayed in the video based on information indicating an orientation and/or position of the recording device. By comparing the current display perspective to a desired display perspective for the object, the method and apparatus determines an amount of display perspective adjustment for the object and selects appropriate perspective adjustment methods to carry out the adjustment. Accordingly, the display perspective adjustment is made to the video automatically for the object displayed in the video without user intervention.

No. of Pages: 48 No. of Claims: 35

(22) Date of filing of Application :21/04/2015

(43) Publication Date: 20/11/2015

(54) Title of the invention : HIGH- THROUGHPUT GENOTYPING BY SEQUENCING LOW AMOUNTS OF GENETIC MATERIAL

(51) International classification	:C12Q1/68	(71)Name of Applicant:
(31) Priority Document No	:1217888.5	1)KATHOLIEKE UNIVERSITEIT LEUVEN KU LEUVEN
(32) Priority Date	:05/10/2012	R&D
(33) Name of priority country	:U.K.	Address of Applicant :Waaistraat 6 Box 5105, B- 3000 Leuven
(86) International Application No	:PCT/EP2013/070858	Belgium
Filing Date	:07/10/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2014/053664	1)VERMEESCH ,Joris
(61) Patent of Addition to Application	:NA	2)VOET, Thierry
Number		3)HANNES ,Femke
Filing Date	:NA	4)VAN HOUDT, Jeroen
(62) Divisional to Application Number	:NA	5)MAES ,Gregory
Filing Date	:NA	

(57) Abstract:

The present invention provides a method for analysis of target nucleic acids which are present in low amounts. In particular, the method comprises the following steps: i. providing a sample wherein target nucleic acids are present in a low amount, ii. generating a reduced representation library of said target nucleic acids by a method comprising: · fragmenting said target nucleic acids; ligating adaptors to said fragments; and selecting a subset of said adaptor -ligated fragments, iii. massively parallel sequencing said reduced representation library, and iv. identifying variants in said target nucleic acids by analyzing results obtained by said sequencing.

No. of Pages: 57 No. of Claims: 18

(21) Application No.3363/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :21/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: DEVICE AND METHOD FOR PRODUCING SEMIFINISHED PRODUCTS FOR WIND POWER SYSTEM ROTOR BLADES AND ROTOR BLADE AND WIND ENERGY SYSTEM PRODUCED THEREWITH

(51) International :B29C53/56,B29C53/80,B65H49/00

classification

(31) Priority Document No :10 2012 021 802.8 (32) Priority Date :08/11/2012 (33) Name of priority country: Germany

(86) International Application :PCT/EP2013/069938

No :25/09/2013 Filing Date

(87) International Publication :WO 2014/072120

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application:NA Number

:NA Filing Date

(71)Name of Applicant:

1)WOBBEN PROPERTIES GMBH

Address of Applicant: Dreekamp 5, 26605 Aurich Germany

(72)Name of Inventor: 1)HOFFMANN, Alexander

2)FRIEDE, Peter 3) GEBERS, Jens 4)KNOOP,Frank

(57) Abstract:

The invention relates to a device (1) for producing blade end semifinished products (101) for wind power system rotor blades (100), with a winding mandrel (3a), which can be rotated to wind up preferably strip shaped, fibre composite material. According to the invention it is proposed that an impregnation system (5) which can be traversed along the winding mandrel for the impregnation of the fibre composite material before rewinding around the winding mandrel is a magazine device (7) for providing the fibre composite material which can be moved along the winding mandrel, preferably synchronously with the impregnation device.

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

(21) Application No.3364/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :21/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: METHODS FOR WHITENING TEETH

 (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 	:A61Q11/00 :NA :NA :NA :PCT/US2012/069835 :14/12/2012 :WO 2014/092730 :NA :NA :NA	(71)Name of Applicant: 1)COLGATE PALMOLIVE COMPANY Address of Applicant:300 Park Avenue, New York, New York 10022 U.S.A. (72)Name of Inventor: 1)MALONEY, Venda Porter 2)ONTUMI, Dennis 3)CHOPRA, Suman 4)KOHLI, Rajnish
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(57) Abstract:

Described herein are regimens for whitening teeth, comprising administering to the teeth an effective amount of a first oral care composition comprising a bleaching agent and allowing the first oral care composition to remain on the teeth for at least 30 seconds and brushing the teeth with a second oral care composition. Kits comprising a first oral care composition comprising a bleaching agent , wherein said first oral care composition is adapted to remain on said tooth for at least 30 seconds; a second oral care composition; and instructions for use, are also provided.

No. of Pages: 27 No. of Claims: 28

(22) Date of filing of Application :23/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: HETEROAROMATIC COMPOUNDS AS DOPAMINE D1 LIGANDS

(71)Name of Applicant: 1)PFIZER INC. (51) International classification :C07D471/04,A61K31/437 (31) Priority Document No Address of Applicant :235 East 42nd Street, New York, New :61/723995 (32) Priority Date York 10017 U.S.A. :08/11/2012 (33) Name of priority country (72) Name of Inventor: :U.S.A. (86) International Application No :PCT/IB2013/059768 1)DAVOREN, Jennifer E.; Filing Date :30/10/2013 2)DOUNAY, Amy Beth; (87) International Publication No :WO 2014/072882 3) EFREMOV, Ivan V.; (61) Patent of Addition to Application 4)GRAY, David L. F.; :NA Number 5)MENTE, Scot R.; :NA Filing Date 6)O'NEIL, Steven V.; (62) Divisional to Application Number :NA 7) ROGERS, Bruce N.; Filing Date :NA 8) SUBRAMANYAM, Chakrapani; 9)ZHANG, Lei;

(57) Abstract:

The present invention provides , in part ,compounds of Formula I and pharmaceutically acceptable salts thereof and iV-oxides of the foregoing; processes for the preparation of; intermediates used in the preparation of; and compositions containing such compounds, salts or iV- oxides, and their uses for treating D1- mediated (or D1- associated) disorders including e.g., schizophrenia (e.g., its cognitive and negative symptoms), cognitive impairment (e.g., cognitive impairment associated with schizophrenia , AD, PD, or pharmacotherapy therapy) , ADHD , impulsivity, compulsive gambling , overeating , autism spectrum disorder, MCI , age related cognitive decline, dementia, RLS, Parkinson s disease , Huntington s chorea , anxiety , depression , MDD , TRD , and bipolar disorder.

No. of Pages: 106 No. of Claims: 20

(22) Date of filing of Application :23/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: TORSIONAL VIBRATION DAMPING 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 	:F16F15/28 :NA :NA :NA :PCT/JP2012/078344 :01/11/2012 :WO 2014/068750 :NA :NA :NA	(71)Name of Applicant: 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant:1, Toyota -cho, Toyota -shi, Aichi 4718571 Japan (72)Name of Inventor: 1)ALJIMA ,Shingo 2)MIYAHARA ,Yu 3)TSUKANO, Fusahiro 4)AMANO, Hiroyuki 5)YOSHINO ,Hirotsugu 6)SEKIGUCHI, Tadashi 7)HORITA, Syuhei 8)KISHIMOTO ,Naoyuki 9)MIYAMACHI ,Yoshihiro
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(57) Abstract:

The purpose of the present invention is to provide a torsional vibration damping device which is configured in such a manner that lubrication between inertia mass bodies and portions with which the inertia mass bodies make contact is promoted and in such a manner that the influence of lubricating oil to the vibration damping characteristics is reduced as much as possible. A torsional vibration damping device is provided with inertia mass bodies (2) which are provided to the outer periphery of a rotating body (1) which is rotated by torque the inertia mass bodies (2) being reciprocated in the rotational direction of the rotating body (1) by a change in the torque occurring while the rotating body (1) is being rotated. The torsional vibration damping device is provided with: housing chambers (5) in which the inertia mass bodies (2) are housed in a liquid tight manner so that the inertial mass bodies (2) can reciprocate in the rotational direction of the rotating body (1), and which are formed integrally with the rotating body (1); and a predetermined amount of lubricating oil which is sealed within each of the housing chambers (5). The amount of the lubricating oil is set so that, while the lubricating oil is being pressed by centrifugal force toward the outer peripheral side inner wall surfaces of the housing chambers (5) to form oil layers, the inertia mass bodies (2) do not make contact with the oil layers.

No. of Pages: 37 No. of Claims: 11

(21) Application No.3395/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :22/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: AN APPARATUS FOR APPLYING A BAND TO A HAEMORRHOID

 (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 	:A61B17/12 :1220030.9 :07/11/2012 :U.K. :PCT/GB2013/051021 :23/04/2013 :WO 2014/072676 :NA	(71)Name of Applicant: 1)BARCLAY, Phillip Address of Applicant: 13 The Chestnuts, Abingdon, Oxfordshire OX14 3YN U.K. (72)Name of Inventor: 1)BARCLAY, Phillip
(86) International Application No Filing Date(87) International Publication No	:PCT/GB2013/051021 :23/04/2013 :WO 2014/072676	(72)Name of Inventor:
Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract:

A magazine (200;400) for dispensing at least one band (106) onto the tip of a haemorrhoid ligator (100) the magazine (200; 400) comprising at least one expander receiving a respective band, the expander being arranged to expand the band (106) and push it onto the tip (104) of the ligator (100) as the tip (104) is inserted into the magazine (200; 400). The only action required by the medical practitioner to load the band (106) onto the ligator (100) from the magazine (200;400) is to push the tip (104) of the ligator (100) inside the magazine (200; 400) whereupon the band (106) is expanded, pushed into place and is ready for immediate discharge. Therefore the magazine (200; 400) provides a medical practitioner with an easy way to load a haemorrhoid ligator (100).

No. of Pages: 29 No. of Claims: 17

(21) Application No.3396/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :22/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: HUBS INCORPORATING A VARIABLE RATIO TRANSMISSION SYSTEM

(51) International classification: B62M6/65, B62M11/16, B60K7/00 (71) Name of Applicant:

:1219062.5 (31) Priority Document No (32) Priority Date :23/10/2012

(33) Name of priority country :U.K.

(86) International Application :PCT/GB2013/052625

:09/10/2013 Filing Date

(87) International Publication

:WO 2014/064419

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date (57) Abstract:

1)NEXXTDRIVE LIMITED

Address of Applicant:1st Floor, Cayzer House, 30

Buckingham Gate, London SW1E 6NN U.K.

(72)Name of Inventor: 1)TAITT .David

2)GONG,Linan

A hub comprises a cylindrical,, hollow hub member (24,26) which is mounted to rotate about its axis and accommodated in whose interior is a continuously variable ratio transmission system having an input (6), which is mounted to rotate about the axis, and an output (22) mounted to rotate with the hub member (24, 26). The transmission system comprises a single epicyclic gearset including a sun gear (12) in mesh with a plurality of planet gears (14) mounted to rotate about respective planet shafts (18) carried by a common carrier (20), which is mounted to rotate with the input about the axis. The planet gears (14) are in mesh with an annulus gear (22) which is connected to rotate with the rotors (32, 36) of first and second electric motor/generators, respectively. The electrical connections of the stators (34, 38) of the two motor/generators are connected by a controller (40) arranged to control the transmission of power from one motor/generator to the other. The hub further includes a one - way clutch, which includes a drive member, which is constituted by the common carrier (20) and a driven member (44), which is connected to rotate with the hub member. The one-way clutch, is arranged to connect the hub member to rotate with the carrier (20) as soon as the carrier rotates faster than the hub member.

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

(22) Date of filing of Application :24/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: ADJUSTABLE FIXED PRESSURE RELIEF ASSEMBLY AND REGULATOR COMPRISING SAME

 (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 	:F16K31/126 :13/628761 :27/09/2012 :U.S.A. :PCT/US2013/061527 :25/09/2013 :WO 2014/052352 :NA :NA	(71)Name of Applicant: 1)EMERSON PROCESS MANAGEMENT REGULATOR TECHNOLOGIES, INC. Address of Applicant: 310 East University Drive, Mckinney, TX 75070 U.S.A. (72)Name of Inventor: 1)MEVIUS, Jason, S.
Filing Date		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A pressure relief assembly may include an actuator stem (62) having a plurality of retaining grooves (92a, 92b, 92c). A relief plate (78) may be operatively connected to the actuator stem (62) and a diaphragm plate (76)may be operatively connected to the actuator stem (62). A diaphragm (72)may be least partially disposed between the relief plate (78) and the diaphragm plate (76). A relief spring seat (86) may be releasably attached to the actuator stem (62) at one of the plurality of retaining grooves (92a, 92b, 92c). The relief spring (84) may be adjusted by moving the attachment point from one retaining groove to another retaining groove.

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

(22) Date of filing of Application :24/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: SLAM -SHUT SAFETY DEVICE HAVING DISC ARRESTOR ASSEMBLY

(51) International classification :F16K1/36,F16K1/48,F16K1/50 (71)Name of Applicant : (31) Priority Document No 1)EMERSON PROCESS MANAGEMENT REGULATOR :61/706429 (32) Priority Date :27/09/2012 TECHNOLOGIES, INC. (33) Name of priority country Address of Applicant: 310 East University Drive, Mckinney :U.S.A. TX 75070 U.S.A. (86) International Application No :PCT/US2013/061809 Filing Date (72)Name of Inventor: :26/09/2013 (87) International Publication No: WO 2014/052523 1)SANDERS, Jeffrey ,Michael (61) Patent of Addition to 2)NGUYEN, Tung, Kim :NA **Application Number** 3)MOLDOVAN, Cristian - Tiberiu :NA Filing Date 4) ALEXANDRU - VLAD, Roman (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A slam- shut safety device having a disc arrestor includes a valve body (112), a valve seat (120) between an inlet and an outlet, and a reset pin (136) shiftable between untripped and tripped positions. A valve disc support (160) includes has a threaded stem and is operatively coupled to the reset pin (136). A valve disc (122) fits on the stem of the support and shifts in response to movement of the valve disc support (160) between an open position and a closed second position in which the valve disc (122) is seated against the valve seat (120). A threaded nut (206, 208) is securable to the threaded portion of the stem of the valve disc support (160), and an arrestor spring (210) is positioned on the stem of the valve disc support (160) and is secured by the threaded nut (206, 208). The arrestor spring (210) is arranged to apply a biasing force to valve disc (122).

No. of Pages: 27 No. of Claims: 18

(22) Date of filing of Application :21/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: METHODS FOR PRODUCING JET-RANGE HYDROCARBONS

(51) International classification :C07C2/08,C10G50/00,C10L1/04 (71)Name of Applicant: (31) Priority Document No 1)UOP LLC :61/725398 (32) Priority Date :12/11/2012 Address of Applicant :25 East Algonquin Road, P. O. Box (33) Name of priority country 5017, Des Plaines Illinois 60017 5017 U.S.A. :U.S.A. (86) International Application (72) Name of Inventor: :PCT/US2013/069460 1)FREY ,Stanley Joseph :11/11/2013 Filing Date 2)FICHTL, Geoffrey William (87) International Publication 3)BARGER, Paul :WO 2014/075003 4) RONEY, Scott M. (61) Patent of Addition to 5)KRUPA ,Steven Lee :NA **Application Number** 6)NICHOLAS, Christopher P. :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A method for producing jet -range hydrocarbons includes passing a stream comprising renewable C4 olefins to an oligomerization reactor containing a zeolite catalyst to produce an oligomerized effluent separating the oligomerized effluent to produce a jet- range hydrocarbon stream and a recycle stream comprising Cs olefins, and passing at least a portion of the recycle stream to the oligomerization reactor. A first at least 10 % of the jet- range hydrocarbon stream hydrocarbons boil between n -octane and n-undecane and wherein a second at least 10 % of the jet- range hydrocarbon stream hydrocarbons boil between n -dodecane and n-pentadecane.

No. of Pages: 25 No. of Claims: 10

(21) Application No.3374/DELNP/2015 A

1) CHIODINI, Alain

(19) INDIA

(22) Date of filing of Application :21/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: EMBEDDING A DIGITAL WATERMARK IN A SIGNAL

(51) International classification: G06T1/00,H04L27/26,H04B1/707 (71) Name of Applicant: (31) Priority Document No 1)SAGEM DEFENSE SECURITE :1259445 (32) Priority Date :04/10/2012 Address of Applicant :18/20 Quai du Point du Jour, F -92100

Boulogne-Billancourt France (33) Name of priority country: France (72) Name of Inventor: (86) International Application :PCT/EP2013/070727

No :04/10/2013 Filing Date

(87) International Publication

:WO 2014/053641

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(57) Abstract:

The invention concerns a transmission of a digital signal, in which - when it is transmitted, a vector corresponding to a digital signal to be transmitted, having the form of a sequence of N symbols, is projected onto a vector space, said vector space being orthogonal to at least one non-zero vector corresponding to a sequence of symbols defining a digital watermark, and - when it is received, the digital signal is authenticated by checking the orthogonality of a vector, corresponding to said received digital signal and having the form of a sequence of symbols, relative to said at least one vector defining a digital watermark.

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

(21) Application No.3375/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :21/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: POWER MECHANISM FOR RECLINERS

(51) International :A47C17/13,A47C1/034,A47C16/02 classification

(31) Priority Document No :61/708989 (32) Priority Date :02/10/2012 (33) Name of priority country:U.S.A.

(86) International

:PCT/US2013/063144 Application No :02/10/2013

Filing Date

(87) International Publication :WO 2014/055703

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)ASHLEY FURNITURE INDUSTRIES INC.

Address of Applicant :One Ashley Way, Arcadia ,WI 54612

U.S.A.

(72) Name of Inventor:

1)WALZ, Lucas, R.

2)FYNBOH, Peter, J.

3)COOPER, Jeffrey

4) ANIBAS, Joseph ,L.

5)ROBINSON, Nicholas, J.

6)GORKA ,Richard E.

7) BREEN, John ,R.

8) BRANDTNER, Timothy, A.

(57) Abstract:

A power mechanism for a recliner having a limiter controlling the relative angle between a transfer linkage and arm affixed to the drive axle as the transfer linkage applies tangential force to the arm to rotate the drive axle. The limiter prevents the relative angle between the transfer linkage from over collapsing to minimize strain on the linkage assembly and the motor driving the rotation of the drive axle.

No. of Pages: 32 No. of Claims: 30

(21) Application No.3471/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : A CONTAINER AND METHOD OF MITIGATING METAL CONTACT CONTAMINATION OF POLYSILICON

(51) International classification :B65D85/84,B65D25/14 (71)Name of Applicant : (31) Priority Document No :61/724844 1)REC SILICON INC (32) Priority Date Address of Applicant: 3322 Road N NE, Moses Lake, WA :09/11/2012 (33) Name of priority country 98837 -0258 U.S.A. :U.S.A. (86) International Application No (72) Name of Inventor: :PCT/US2013/069147 Filing Date :08/11/2013 1) GEERTSEN , Robert, J. (87) International Publication No :WO 2014/074819 2)DAVIDSON, Robert, M. (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The present disclosure concerns reduction or mitigation of metal- contamination of polycrystalline silicon when held or stored in containers at least partially constructed of metal and/or having polysilicon contact surfaces at least partially of metal. In particular, the disclosure relates to a method of mitigating metal contamination of polycrystalline silicon from contact with a metal surface of a container by providing the surface with a protective layer comprising a microcellular elastomeric polyurethane.

No. of Pages: 15 No. of Claims: 13

(22) Date of filing of Application :24/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: SLAM SHUT SAFETY DEVICE WITH GUIDED PLUG SUPPORT

(51) International classification	:F16K1/36,F16K1/48	(71)Name of Applicant :
(31) Priority Document No	:61/706194	1)EMERSON PROCESS MANAGEMENT REGULATOR
(32) Priority Date	:27/09/2012	TECHNOLOGIES, INC.
(33) Name of priority country	:U.S.A.	Address of Applicant :310 East University Drive, McKinney
(86) International Application No	:PCT/US2013/061788	TX 75070 U.S.A.
Filing Date	:26/09/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2014/052512	1)NGUYEN, Tung ,Kim
(61) Patent of Addition to Application	:NA	2)MOLDOVAN, Cristian- Tiberiu
Number	:NA	3)ALEXANDRU- VLAD, Roman
Filing Date	.IVA	4)HALL, Stanley ,D.
(62) Divisional to Application Number	:NA	5)BOUVRY ,Michel
Filing Date	:NA	6)WOOLLUMS ,David ,E.

(57) Abstract:

A slam- shut safety device includes a valve body (112), a valve disc (122), a reset pin (160), a and a guide collar (162). The valve disc (122) is shiftable between an open position spaced away from a valve seat (120), and a closed position seated against the valve seat (120). The reset pin (160) operatively is coupled to the valve disc (122) and shiftable between an untripped position placing the valve disc (122) in the open position and a tripped position placing the valve disc (122) in the closed position. The guide collar (162) includes a hollow cylindrical portion slidably supported in a guide bore and extending at least partly over the reset pin 160) at a location adjacent to the valve disc (122). The guide collar (162) is shiftable between a retracted position and an extended position relative to the guide bore for providing added structural integrity and protecting the reset pin from bending forces.

No. of Pages: 24 No. of Claims: 23

(22) Date of filing of Application :15/05/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention : PDE4 INHIBITOR COMPOUNDS FOR TREATING ANTI-DEPRESSANT AND ANXIOLYTIC RELATED DISORDERS

(51) International classification	:A61K31/4162,	(71)Name of Applicant:
(31) Priority Document No	:NA	1)BIRLA INSTITUTE OF TECHNOLOGY & SCIENCE
(32) Priority Date	:NA	Address of Applicant :BIRLA INSTITUTE OF
(33) Name of priority country	:NA	TECHNOLOGY & SCIENCE, PILANI, PILANI CAMPUS,
(86) International Application No	:NA	VIDYA VIHAR PILANI 333031, RAJASTHAN, INDIA
Filing Date	:NA	Rajasthan India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)RADHAKRISHNAN MAHESH
Filing Date	:NA	2)MUTHU VENKATESH SUDALI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The embodiments of the present invention are directed to compounds that act as PDE4 inhibitors in the treatment of depression, anxiety and psychiatric disorders. The compounds have better activity and minimal emetogenic side effects. Such advantages are obtained as a result of the PDE4 inhibitor compound shown in the below structure (1): (I) wherein the substituents of the above structure (I) are defined in the specification, in free form or in the form of a pharmaceutically acceptable salts, solvates, ester, N-oxide thereof, processes for the preparation thereof, to pharmaceuticals containing such compounds, in particular for the use in diseases related to PDE4 inhibitions.

No. of Pages: 27 No. of Claims: 3

(21) Application No.3371/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :21/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: ALUMINUM ALLOY BRAZING METHOD, AND ALUMINUM ALLOY MEMBER COVERED WITH FLUX COMPONENT

(51) International :B23K35/363,B23K1/19,B23K3/00 classification

(31) Priority Document No :2012236581 (32) Priority Date :26/10/2012

(33) Name of priority country :Japan

(86) International Application :PCT/JP2013/078778

No

:24/10/2013 Filing Date

(87) International Publication :WO 2014/065357

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)UACJ CORPORATION

Address of Applicant : Tokyo Sankei Bldg., 7-2, Otemachi 1-

chome ,Chiyoda -ku, Tokyo 1000004 Japan

(72)Name of Inventor:

1)KUMAGAI Hidetoshi 2)HISATOMI Yuji

3)YAMASHITA Naoki

(57) Abstract:

An aluminum alloy brazing method in which brazing is carried out by performing a fluxing process that applies a flux component to the surface of an aluminum alloy member, and then performing a brazing and heating step in which the aluminum alloy member coated with the flux component is brazed and heated, said method characterized in that the flux component is (A) fluoro zinc aluminate alkali metal salt powder represented by general formula (1), MwZnxAlyFz (in the formula, M is K or Cs, and w, x, y and z are positive integers, with the greatest common factor thereof being 1), and (A) is applied in the amount of 1 to 50 g/m to the aluminum alloy member in the fluxing process. According to the present invention, it is possible to provide a flux composition with which the problems of brazing defects and discoloration do not occur even when brazing under an atmosphere with a high oxygen concentration or an atmosphere with high humidity.

No. of Pages: 81 No. of Claims: 10

(21) Application No.3372/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :21/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: FLUX COMPOSITION

(51) International :B23K35/363,B23K1/19,B23K3/00 classification

(31) Priority Document No :2012236580 :26/10/2012 (32) Priority Date

(33) Name of priority country :Japan

(86) International Application :PCT/JP2013/078777

:24/10/2013 Filing Date

(87) International Publication

:WO 2014/065356

(61) Patent of Addition to **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant: 1)UACJ CORPORATION

Address of Applicant : Tokyo Sankei Bldg., 7 -2, Otemachi 1-

chome ,Chiyoda- ku ,Tokyo 1000004 Japan

(72)Name of Inventor: 1)KUMAGAI Hidetoshi 2)HISATOMI Yuji

3)YAMASHITA Naoki

(57) Abstract:

A flux composition characterized by including (A) fluoro zinc aluminate alkali metal salt powder represented by general formula (1), MwZnxAlyFz (in the formula, M is K or Cs, and w, x, y and z are positive integers with the greatest common factor thereof being 1), wherein (A) is contained in the amount of 50 mass% or more. According to the present invention, it is possible to provide a flux composition with which the problems of brazing defects and discoloration do not occur even when brazing under an atmosphere with a high oxygen concentration or an atmosphere with high humidity.

No. of Pages: 61 No. of Claims: 8

(21) Application No.3469/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: THERMAL SPRAYING OF CERAMIC MATERIALS

(51) International classification: C23C4/02,B05B7/00,C04B35/628 (71) Name of Applicant: (31) Priority Document No :1219642.4

:01/11/2013

(32) Priority Date :01/11/2012

(33) Name of priority country :U.K.

(86) International Application :PCT/EP2013/072861

No Filing Date

(87) International Publication :WO 2014/068082

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)NORWEGIAN UNIVERSITY OF SCIENCE AND

TECHNOLOGY (NTNU)

Address of Applicant :Sem Sslands vei 14, N-7491 Trondheim

Norway

(72) Name of Inventor:

1) ESPALLARGAS, Nuria 2)MUBAROK, Fahmi

(57) Abstract:

A process for thermally spraying metal oxide coated ceramic particles onto a substrate comprising: (i) obtaining a plurality of metal oxide coated particles of silicon carbide, silicon nitride, boron carbide, or boron nitride; and (ii) thermally spraying the particles of step (I) onto a substrate.

No. of Pages: 34 No. of Claims: 23

(21) Application No.3470/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: ALKYLATED CYCLODEXTRIN COMPOSITIONS AND PROCESSES FOR PREPARING AND USING THE SAME

(51) International :C08B37/16,A61K47/40,C07H15/04

classification

:61/716819 (31) Priority Document No (32) Priority Date :22/10/2012 (33) Name of priority country:U.S.A.

(86) International :PCT/US2013/065989

Application No :21/10/2013 Filing Date

(87) International Publication :WO 2014/066274

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** :NA

Filing Date

(71)Name of Applicant:

1)CYDEX PHARMACEUTICALS .INC.

Address of Applicant: 11119 North Torrey Pines Road, La

Jolla ,CA 92037 U.S.A. (72) Name of Inventor: 1)ANTLE, Vincent, D.

2)LOPES • lvaro 3)MONTEIRO Daniel

(57) Abstract:

The present invention related to low-chloride alkylated cyclodextrin compositions, along with processes for preparing and using the same. The processes of the present invention provide alkylated cyclodextrins with low levels of drug -degrading agents and chloride.

No. of Pages: 110 No. of Claims: 48

(22) Date of filing of Application :22/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : METHODS AND SYSTEMS FOR CONTROLLING SETUP OF CALLS THROUGH COMMUNICATION SYSTEMS

 (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 	:H04L12/66 :13/626313 :25/09/2012 :U.S.A. :PCT/IB2013/056375 :03/08/2013 :WO 2014/049457 :NA :NA :NA	(71)Name of Applicant: 1)ERICSSON TELEVISION INC. Address of Applicant: 4500 River Green Parkway, Suite 110, Duluth, Georgia 30096 U.S.A. (72)Name of Inventor: 1)REYNOLDS "Jennifer 2)PHILLIPS "Chris 3)FORSMAN, Bob 4)DASHER, Charles
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(57) Abstract:

A method by at least one network node (100) is disclosed for controlling setup of calls through a communication system. Information is received (600) for a call request that comprises a network address of an origination device of the call request and a virtual identifier associated with a destination device to which the incoming call is directed. A user call profile is retrieved (602) from among a plurality of user call profiles in a user call profile repository (102) using the virtual identifier to identify the user call profile. The user call profile includes a plurality of rules defined by the user for controlling setup of calls to the destination device. Setup of a call path between the origination, device and the destination device is controlled (604) responsive to the user call profile.

No. of Pages: 39 No. of Claims: 22

(22) Date of filing of Application :22/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : DOWNSTREAM PROCESSING OF FATTY ALCOHOL COMPOSITIONS PRODUCED BY RECOMBINANT HOST CELLS

(71)Name of Applicant: 1)LS9, INC. (51) International classification :C07C29/88,C07C31/125 Address of Applicant: 600 Gateway Boulevard, South San, (31) Priority Document No :61/774375 Francisco CA 94080 U.S.A. (32) Priority Date :07/03/2013 2)KO, Myong, K. (33) Name of priority country :U.S.A. 3)WANG,Haibo (86) International Application No :PCT/US2014/021776 4) COLE, Patricia, J. Filing Date :07/03/2014 5)LIAO, Perry, Y. (87) International Publication No :WO 2014/138590 6)LI, Simon (61) Patent of Addition to Application :NA (72)Name of Inventor: Number :NA 1)KO, Myong, K. Filing Date 2)WANG, Haibo (62) Divisional to Application Number :NA 3) COLE, Patricia "J. Filing Date :NA 4)LIAO, Perry, Y. 5)LI,Simon

(57) Abstract:

The disclosure relates to downstream processing of fatty alcohol (FALC) and provides a novel purification method that provides FALC at high purity and yield.

No. of Pages: 40 No. of Claims: 28

(21) Application No.3387/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :22/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: FULLY ABSORBABLE INTRALUMINAL DEVICES AND METHODS OF MANUFACTURING THE **SAME**

(51) International :A61L31/02,A61L31/10,A61L31/14

classification

:61/795695 (31) Priority Document No (32) Priority Date :23/10/2012 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2013/066307

No :23/10/2013

Filing Date

(87) International Publication: WO 2014/066465

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)ZORION MEDICAL JNC.

Address of Applicant :49 Boone Village #257, Zionsville ,EST

46077 U.S.A.

(72) Name of Inventor:

1)STECKEL, Mark

2)PANDELIDIS, Joannis O.

(57) Abstract:

A fully absorbable intraluminal device, comprising a magnesium alloy structure having a polymer surface coating, the magnesium alloy structure being substantially free of rare earth metals; and an expandable polymeric mesh sleeve at least partially bondable to the polymer surface coating to form a mechanical coupling with the magnesium alloy structure.

No. of Pages: 35 No. of Claims: 33

(21) Application No.3388/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :22/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: HEAT EXCHANGER ASSEMBLY

 (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 	:F28F9/00,F28F9/02 :1219504.6 :30/10/2012 :U.K. :PCT/JP2013/006393 :29/10/2013 :WO 2014/068957 :NA :NA :NA	(71)Name of Applicant: 1)DENSO CORPORATION Address of Applicant:1-1,Showa-cho,Kariya-city, Aichi 4488661 Japan 2)DENSO MARSTON LTD. (72)Name of Inventor: 1)WOOLLEN, Neil; 2)CIAFFARAFA, Mario;
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(57) Abstract:

The present disclosure relates to an assembly (10) forming a heat exchanger or part of a heat exchanger. The assembly (10) comprises a core (12) with at least one insert (20) in the form of a side plate, and a header plate (14) attached to the or each insert (20) by at least one snap fit connection. Accordingly, the assembling process of the assembly (10) can be facilitated, and cost of the assembly (10) can be reduced.

No. of Pages: 31 No. of Claims: 41

(21) Application No.3480/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: PROCESS GAS COMPRESSOR/GAS TURBINE SECTION

(51) International

:F01D11/06,F01D15/08,F04D29/10 classification

(31) Priority Document No :102012219520.3 (32) Priority Date :25/10/2012 (33) Name of priority country: Germany

(86) International Application :PCT/EP2013/069921

:25/09/2013

Filing Date :WO 2014/063893

(87) International Publication

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number :NA (71)Name of Applicant:

1) SIEMENS AKTIENGESELLSCHAFT

Address of Applicant: Wittelsbacherplatz 2, 80333 M¹/₄nchen

Germany

(72) Name of Inventor:

1)BLEKKENHORST, Henk;

(57) Abstract:

Filing Date

The invention relates to a process gas compressor/gas turbine section comprising a process gas compressor (2) and a gas turbine (3) which is coupled to the shaft of the process gas compressor (2) in order to drive said compressor. The process gas compressor (2) is designed to compress combustible process gas and is equipped to seal the process gas compressor inner chamber from the atmosphere using a shaft seal (12) which can be sealed with a seal gas and which has at least one leakage line (18, 19). The leakage line can conduct leakage gas away from the shaft seal (12) and is connected to the air inlet (7) of the gas turbine (3) such that the leakage gas together with the inlet air at the air inlet (7) can be conducted into the gas turbine (3) during the operation of the process gas compressor/gas turbine section (1).

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

(22) Date of filing of Application :24/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: D METHADONE FOR THE TREATMENT OF PSYCHIATRIC SYMPTOMS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International	:A61K31/137,A61P25/00,A61P25/24 :61/706178	(71)Name of Applicant: 1)MANFREDI, Paolo, L. Address of Applicant:11 Bleecker Street, Apt. 3, New York, NY 10012-2402 U.S.A. (72)Name of Inventor: 1)MANFREDI, Paolo, L. 2)INTURRISI, Charles, E.;
Application No Filing Date	:25/09/2013	
(87) International Publication No	:WO 2014/052427	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a method of treating psychiatric symptoms in a subject having a NMDA receptor and a NE receptor which includes administering d- methodone, d- methodol, d-alpha, acetylmethodol, l-alpha acetylmethodol d-alpha- normethodol, l-alpha-normethodol, pharmaceutically acceptable salts thereof, or mixtures thereof, to the subject under conditions effective for the substance to bind to the NMDA receptor and NE receptor of the subject.

No. of Pages: 29 No. of Claims: 26

(22) Date of filing of Application :22/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : METHOD FOR DIAGNOSING A SELF- BLOWOUT CIRCUIT BREAKER, AND DIAGNOSIS APPARATUS

(51) International :H01H11/00,H02B13/065,H01H33/86

(31) Priority Document No :12007440.6 (32) Priority Date :29/10/2012

(33) Name of priority :EPO

country (86) International

Application No :PCT/EP2013/072477

Filing Date :28/10/2013

(87) International Publication No :WO 2014/067887

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to

Filing Date
(62) Divisional to
Application Number
Filing Date
:NA

(71)Name of Applicant:

1)OMICRON ELECTRONICS GMBH

Address of Applicant : Oberes Ried 1, A- 6833 Klaus Austria

(72)Name of Inventor: 1)KURZ .Andreas

2)HOFFACKER, Matthias 3)SCHNETTLER, Armin 4)HILLE, Christian

(57) Abstract:

For the purpose of diagnosing a self- blowout circuit breaker (1), a switching process of the self- blowout circuit breaker (1) is initiated in order to initiate a pressure wave in a filling gas of the self-blowout circuit breaker (1). A time- dependent pressure profile in at least one region of the self-blowout circuit breaker (1), which pressure profile is produced in response to the switching process, is detected. A state of a contact-erosion tip (11) of the self-blowout circuit breaker (1), which contact-erosion tip is eroded in the event of a switching process under load for blowing a switching arc with the filling gas, is determined as a function of the time-dependent pressure profile.

No. of Pages: 47 No. of Claims: 15

(21) Application No.3392/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :22/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: ELECTRONIC LOCK HAVING A MOBILE DEVICE USER INTERFACE

 (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 	:G07C9/00 :61/719039 :26/10/2012 :U.S.A. :PCT/US2013/066816 :25/10/2013 :WO 2014/066763 :NA :NA	(71)Name of Applicant: 1)KWIKSET CORPORATION Address of Applicant:19701 Da Vinci, Lake Forest, California 92610 U.S.A. (72)Name of Inventor: 1)ALMOMANI, Nedal Akram
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An electronic lock having one or more lock settings that can be updated using a mobile device. The mobile device includes an app that provides a user interface through which one or more lock settings of the electronic lock can be selected and modified. When the user has made the desired selections to the lock settings on the mobile device ,the mobile device wirelessly transmits these settings to the electronic lock. The electronic lock is configured to update its lock settings based on the wireless communication from the mobile device.

No. of Pages: 26 No. of Claims: 21

(21) Application No.3483/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: IN-WHEEL MOTOR DRIVING DEVICE

(51) International :B60K7/00,B60B35/14,B60K17/14 classification

(31) Priority Document No :2012221404 (32) Priority Date :03/10/2012

(33) Name of priority country :Japan

(86) International Application :PCT/JP2013/076490

:30/09/2013 Filing Date

(87) International Publication :WO 2014/054559

(61) Patent of Addition to **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(71)Name of Applicant: 1)NTN CORPORATION

Address of Applicant: 3-17, Kyomachibori 1-chome, Nishi-

ku, Osaka -shi, Osaka 5500003 Japan

(72) Name of Inventor:

1)ISHIKAWA Aiko

2)YAMAMOTO Ken

3)YAMAMOTO Tetsuya

(57) Abstract:

The present invention addresses the problem of providing an in- wheel motor driving device having a structure by which even if bending moment is applied to a final output gear (9) of a speed reducer (B) by tire lateral force such as a turning load, a gear shaft (9a) of the final output gear (9) is not easily inclined. A gear shaft (9a) of an output gear (9) of a speed reducer (B) of an in-wheel motor driving device (1) is supported at both ends to a housing (11), a spline hole (9b) is formed in the gear shaft (9a), which is supported at both ends, of the output gear (9), and an output shaft (13) of a wheel hub (C) is spline -coupled to the spline hole (9b). Consequently, even if bending moment is applied to the output gear (9), the gear shaft (9a) is not easily inclined, and even if shaft deflection occurs in the output shaft (13) of the wheel hub (C) due to external force such as tire lateral force, the deformation and displacement thereof are accommodated by a gap in a spline that couples the output shaft (13) of the wheel hub (C) and the output gear (9).

No. of Pages: 24 No. of Claims: 9

(22) Date of filing of Application :24/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: SYSTEM AND METHOD FOR PLACING A TARPAULIN OVER A LOAD

(51) International classification	:B66F9/18,B60P7/08	(71)Name of Applicant:
(31) Priority Document No	:13/661860	1)TIN INC.
(32) Priority Date	:26/10/2012	Address of Applicant :6400 Poplar Avenue, Memphis, TN
(33) Name of priority country	:U.S.A.	38197 U.S.A.
(86) International Application No	:PCT/US2013/064954	(72)Name of Inventor:
Filing Date	:15/10/2013	1)SHRADER, Gaylon, Bruce;
(87) International Publication No	:WO 2014/066094	2)SPINKS, Richard, L.;
(61) Patent of Addition to Application	:NA	3)HOOPER, Willie, R.;
Number	:NA	4)O'NEAL, James, R.;
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system is mounted onto a forklift truck for covering and/or uncovering a cargo with a tarpaulin. The system comprises a tube frame assembly having a telescoping frame slidably attached to it. The telescoping frame is configured to be capable of being extendable and/or retractable within the tube frame assembly. The telescoping frame comprises a plurality of rollers configured to be capable of rotating when engaged with the plurality of flexible members and the flexible cover. A powertrain device is installed onto the tube frame assembly for causing to retract and/or to extend the telescoping frame within the tube frame assembly. A winch assembly is configured to be coupled to the tube frame assembly and having a plurality of straps engaged with the tarpaulin to cover and /or uncover the cargo.

No. of Pages: 52 No. of Claims: 44

(21) Application No.1276/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :13/05/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention : NEW α -ACYL -PHENYLPROPANOIC ACID DERIVATIVES AS PPAR- BASED HYPOLIPIDEMIC AGENT.

 (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 	:A61P3/10, :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)SHARMA MANISH Address of Applicant: 44-SHASTRI NAGAR, AJMER- 305001, RAJASTHAN, INDIA. Delhi India (72)Name of Inventor: 1)SHARMA MANISH 2)MALIK RUCHI
e		· ·
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A new α -acyl -phenylpropanoic acid derivative (1) RM-KT-Ol with following structural formula is related as a PPAR- α based hypolipidemic agent. Process of preparation of new α -acyl -phenylpropanoic acid derivative is also provided and detailed along with its analytical authentication data. Bioactive conformation of the compound is determined through molecular docking simulation studies. In vitro transactivation assay of the compound exhibit characteristic PPAR- α (Peroxisome Proliferator-Activated Receptors a) agonistic activity. In vivo study of the compound exhibit characteristic hypoglycemic activity. Histopathological study of alloxan induced diabetic rats indicate the molecule (1) has regenerative effects on hepatocytes (doses 5 mg/Kg and 10 mg/Kg).

No. of Pages: 22 No. of Claims: 7

(21) Application No.3400/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :22/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: VEHICLE CONTROL DEVICE

(51) International :F16H61/02,F16H59/08,F16H61/28 classification

(31) Priority Document No :NA (32) Priority Date :NA

(33) Name of priority country: NA

(86) International Application :PCT/JP2013/051584

:25/01/2013 Filing Date

(87) International Publication

:WO 2014/115300

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)TOYOTA JIDOSHA KABUSHIKI KAISHA

Address of Applicant: 1, Toyota-cho, Toyota-shi, Aichi

4718571 Japan

(72) Name of Inventor:

1)NISHIMURA Naoki 2)NAKADE Yusuke

3)KARASAWA Masahiro

4)SHINE Kazumi

(57) Abstract:

A vehicle control device that switches the range of an automatic transmission (2) when an electric shift actuator (16) is operated, and starts an engine (1) when a starter motor (7) is operated, in which for example, at a time (time t0) when a person in a vehicle at an idling stop manipulates a shift lever (11), an operation of a corresponding shift actuator (16) begins (time t1), and after which, subsequent (time t4) to the passing of a prescribed time interval, an operation (cranking) of the starter motor (7) begins. Thus, the starting responsiveness of the vehicle is heightened, the negative effect of a decrease in battery voltage (V) on the operation of the shift actuator (16) is suppressed, and incidences of shock and decreases in drivability are controlled.

No. of Pages: 42 No. of Claims: 11

(22) Date of filing of Application :24/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : METHODS OF POSITIONING IN A SYSTEM COMPRISING MEASURING NODES WITH MULTIPLE RECEIVING POINTS

 (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 	:H04W64/00 :61/718894 :26/10/2012 :U.S.A. :PCT/IB2013/059670 :25/10/2013 :WO 2014/064656 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant: S- 164 83 Stockholm Sweden (72)Name of Inventor: 1)SIOMINA, Iana
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

Techniques for systems in which a measuring node is associated with multiple antenna, including techniques for selecting and configuring die set of receiving antennas suitable for performing uplink measurements for a given wireless device. An example method, as implemented by a network node, is for controlling measurements of radio signals transmitted by a wireless device, where the measurements are performed by a measuring node associated with two or more receiving points. The example method begins with obtaining a receiving point configuration for at least one measuring node associated with two or more receiving points and continues with selecting one or more receiving points for performing measurements, based on the obtained configuration. The selected receiving points are then configured for performing the measurements.

No. of Pages: 59 No. of Claims: 48

(21) Application No.3492/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: ADAPTABLE INPUT

(51) International classification :G06F3/0488,H04M (31) Priority Document No :12193958.1 (32) Priority Date :23/11/2012

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2013/074121

Filing Date :19/11/2013 (87) International Publication No :WO 2014/079821

(61) Patent of Addition to Application
Number

Filing Date
(62) Divisional to Application Number

Filing Date
:NA

Filing Date
:NA

:G06F3/0488,H04M1/725 (71)Name of Applicant :

1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :SE- 164 83 Stockholm Sweden

(72)Name of Inventor:

1)YUAN,Song

(57) Abstract:

A mobile communications terminal (100, 200, 400, 600, 900) comprising a memory (240), a display (120) arranged to display a representation of a first user interface state, and a controller (210). The controller (210) is configured to detect a user interface changing event, change from said first user interface state to a second user interface state and cause said display (120) to display a representation of said second user interface state. The controller is further configured to receive an input and interpret said input based on a time period to said event and process said input according to said interpretation.

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

(22) Date of filing of Application :22/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: N- (PYRIDIN-2-YL)PYRIMIDIN-4-AMINE DERIVATIVES CONTAINING A SULFOXIMINE **GROUP**

(51) International :C07D401/12,A61K31/506,A61P9/00

classification

(31) Priority Document No :12192855.0 (32) Priority Date :15/11/2012

(33) Name of priority :EPO

country (86) International

:PCT/EP2013/073683 Application No

:13/11/2013 Filing Date

(87) International

:WO 2014/076111 Publication No

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)BAYER PHARMA AKTIENGESELLSCHAFT

Address of Applicant: M¹/₄llerstr. 178, 13353 Berlin Germany

(72)Name of Inventor: 1)LCKING, Ulrich 2)B-HNKE, Niels 3)SCHOLZ, Arne 4)LIENAU ,Philip

5)SIEMEISTER, Gerhard

6)B-MER,UIf

7)KOSEMUND, Dirk 8)BOHLMANN, Rolf

9)na

(57) Abstract:

The present invention relates to disubstituted N- (pyridin- 2- yl)pyrimidin -4 -amine derivatives containing a sulfoximine group of general formula (I) as described and defined herein, and methods for their preparation, their use for the treatment and/or prophylaxis of disorders, in particular of hyper - proliferative disorders and/or virally induced infectious diseases and/or of cardiovascular diseases. The invention further relates to intermediate compounds useful in the preparation of said compounds of general formula (I).

No. of Pages: 133 No. of Claims: 18

(21) Application No.3390/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :22/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: PROCESS FOR THE PRODUCTION OF HIGH -PURITY ISOBUTENE THROUGH THE CRACKING OF MTBE OR ETBE AND INTEGRATED PROCESS FOR THE PRODUCTION OF THE RELATIVE ETHER

 (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 	:MI2012A001673 :05/10/2012 :Italy :PCT/EP2013/070731 :04/10/2013 :WO 2014/053645 :NA :NA	(71)Name of Applicant: 1)SAIPEM S.P.A. Address of Applicant: Via Martiri di Cefalonia 67, 1-20097 San Donato Milanese (MI) Italy (72)Name of Inventor: 1)BRIANTI, Maura; 2)CONTE, Massimo;
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Process for the production of high- purity isobutene starting from a stream prevalently containing MTBE (Methyl- Tert- Butyl- Ether) or ETBE (Ethyl- Tert- Butyl- Ether) which essentially comprises the following areas in sequence: \cdot a fractionation area for obtaining a stream of high purity MTBE or ETBE; a cracking area of said stream of MTBE or ETBE for obtaining an outgoing stream prevalently containing isobutene and the relative alcohol, methanol or ethanol; a washing area with water of the stream leaving the cracking area for the recovery of the relative alcohol, in order to obtain a stream containing isobutene, the ether fed and light compounds and a stream substantially consisting of water and relative alcohol, with a relevant fractionation section for separating the washing water to be recycled to the same washing area from the relative alcohol; a fractionation area of the stream containing isobutene, the ether fed and light compounds for separating a stream of high- purity isobutene. The process can be possibly integrated with a process for the production of MTBE or ETBE.

No. of Pages: 34 No. of Claims: 21

(22) Date of filing of Application :24/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: METHOD AND DEVICE FOR MONITORING/CONTROLLING THE STARTING OF A HEAT ENGINE OF A HYBRID VEHICLE

(51) International :B60W50/02,B60L11/18,B60W20/00classification

(31) Priority Document No :1259611

(32) Priority Date :09/10/2012 (33) Name of priority :France

country

(86) International :PCT/FR2013/052332

Application No :01/10/2013 Filing Date

(87) International

:WO 2014/057189 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant: 1)RENAULT S.A.S.

Address of Applicant: 13-15 quai Le Gallo, F-92100

Boulogne-billancourt France (72) Name of Inventor: 1)NGUYEN, Hoang -Giang 2) KETFI - CHERIF, Ahmed

3)DANG, Christophe 4)VAN-FRANK, Jean 5)LAURAIN, Emmanuel

(57) Abstract:

The invention relates to a method for monitoring/controlling the starting of a heat engine (1) of a hybrid vehicle including at least one electrical engine (2), including the steps of: launching a pseudo- sequence for starting the heat engine by using a start battery (4); measuring and recording the progress over time of at least one parameter of the start battery (4), including a given current strength and voltage at the terminals of said start battery; and detecting whether or not the progress over time of said parameter(s) reaches a predetermined value defining a state of the start battery (4), with or without the required capacity, for starting the heat engine (1) during a given time interval.

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

(22) Date of filing of Application :24/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: PHOSPHONIUM-BASED IONIC LIQUIDS AND ALKYLATION CATALYSTS INCLUDING SAME

 (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 Filed on 	:B01J27/14 :61/664,385 :26/06/2012 :U.S.A. :PCT/US2013/046702 :20/06/2013 : NA :NA :NA :2637/DELNP/2014 :03/04/2014	(71)Name of Applicant: 1)UOP LLC Address of Applicant: 25 East Algonquin Road, P. O. Box 5017, Des Plaines, Illinois 60017-5017, United States of America U.S.A. (72)Name of Inventor: 1)MARTINS, Susie C. 2)NAFIS, Douglas A. 3)BHATTACHARYYA, Alakananda
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(57) Abstract:

A process for making an alkylate is presented. The process includes mixing an isoparaffin stream with an olefin stream in an alkylation reactor. The alkylation reactor includes a catalyst for performing the reaction. The catalyst is an ionic liquid that is a quaternary phosphonium based ionic liquid, and the reaction is performed at or near ambient temperatures.

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

(21) Application No.3489/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: HIGH-RATE REACTOR SYSTEM

(51) International :B01J19/24,C10G45/00,C10G47/00 classification

(31) Priority Document No :61/716636 (32) Priority Date :22/10/2012 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2013/066191

:22/10/2013

Filing Date

(87) International Publication :WO 2014/066396

(61) Patent of Addition to **Application Number**

:NA Filing Date (62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)APPLIED RESEARCH ASSOCIATES, INC.

Address of Applicant: 4300 San Mateo Blvd., N.E., Suite A -

220, Albuquerque, New Mexico 87110 U.S.A.

(72) Name of Inventor:

1)COPPOLA, Edward, N.

2)NANA ,Sanjay 3) RED, Charles, Jr.

(57) Abstract:

A process and system for upgrading an organic feedstock including providing an organic feedstock and water mixture feeding the mixture into a high-rate-reactor, wherein the mixture is subjected to heat and pressure maintaining the heat and pressure to the mixture for a residence time of less than three minutes to cause the organic components of the mixture to undergo a reforming reaction resulting in the formation of high octane hydrocarbon products, cooling the hydrocarbon products at a rate sufficient to inhibit additional reaction and to enable recovering of process heat, and depressurizing the hydrocarbon products, and separating the hydrocarbon products for further processing. The process and system can include a device to convert olefinic byproduct gas to additional high- octane naphtha and/or heavier hydrocarbons by one of alkylation or oligomerization.

No. of Pages: 47 No. of Claims: 25

(21) Application No.3403/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :22/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: ABSORBENT ARTICLE

:A61F13/49,A61F13/53 (71)Name of Applicant : (51) International classification

(31) Priority Document No :2012253835 (32) Priority Date :20/11/2012

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2013/080864 Filing Date :15/11/2013

(87) International Publication No :WO 2014/080839

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

1)UNICHARM CORPORATION

Address of Applicant: 182, Shimobun, Kinsei-cho,

Shikokuchuo-shi, Ehime 7990111 Japan

(72) Name of Inventor: 1)M ATSUO, 'Takanori

2)MORI,Tiro ki

(57) Abstract:

Provided is an absorbent article that is capable of minimizing deterioration in wearing comfort while ensuring the absorption performance of an absorbent body. The absorbent article is provided with an absorbent body (30) that has a central region with a highly -absorbent polymer density that is higher than that of a skin- side region and a non -skin -side region, and in which multiple compressed sections, which are compressed in the thickness direction, are formed. The compressed sections comprise first compressed sections (33) that extend in a first inclination direction, and second compressed sections (34) that extend in a second inclination direction. The first compressed sections (33) and the second compressed sections (34) are continuously formed in an alternating manner in the longitudinal direction, and are alternately formed at intervals in the width direction. Non-compressed regions (R1), in which the compressed sections are not formed, are disposed in regions between adjacent first compressed sections (33) and second compressed sections (34) in the longitudinal direction, and in regions between adjacent first compressed sections (33) and second compressed sections (34) in the width direction.

No. of Pages: 23 No. of Claims: 7

(22) Date of filing of Application :24/04/2015

(43) Publication Date: 20/11/2015

(54) Title of the invention : SECURITY PROTECTED FROM COUNTERFEIT AND METHOD FOR DETERMINING THE AUTENTICITY OF SAME

(51) International classification: B42D25/415,G07D7/12,B44F1/12

:NA

:WO 2014/054973

(31) Priority Document No :2012142118 (32) Priority Date :03/10/2012 (33) Name of priority country :Russia

(86) International Application

No :PCT/RU2013/000651

Filing Date :30/07/2013

(87) International Publication

No

(61) Patent of Addition to Application Number :NA :NA

Filing Date
(62) Divisional to Application
Number
:NA

Filing Date

(71)Name of Applicant:

1)FEDERALNOE GOSUDARSTVENNOE UNITARNOE PREDPRIYATIE GOZNAK (FGUP GOZNAK)

Address of Applicant :Petropavlovskaya krepost 3 ,litera V,

St.Petersburg 197046 Russia (72)Name of Inventor:

1)KURYATNIKOV ,Andrey Borisovich 2)PISAREV ,Alexandr Georgievich

3)MOCHALOV, Alexandr Igorevich

4)PAVLOV, Igor Vasilievich

5)KORNILOV ,Georgyi Valentinovich

6)FEDOROVA ,Elena Mikhailovna

7) SHIRIMOV, Alexandr Mikhailovich

8)BARANOVA, Galina Sergeevna

9)TORGASHOVA, Alexandra Alexandrovna

10)OSTREROV, Mikhail Anatolievich 11)TIKHONOV, Alexandr Vasilievich

12) KUZNETSOV, Vladimir Anatolievich

13)SALUNIN, Alexey Vitalievich 14)VOROBIEV, Viktor Andreevich

15)MANASHIROV, Oshir Yaizgilovich

(57) Abstract:

The invention relates to the field of the protection of securities from counterfeit and is intended for determining, using equipment, the authenticity of printed articles being protected such as all types of securities. A security has a marking which comprises at least one inorganic compound with a crystalline structure, which inorganic compound is alloyed with ions of rare earth elements and has the property of selective reaction with radiation in the optical spectral range, wherein in the event that said inorganic compound is exposed to radiation in a set band of the optical spectrum, the radiation of the compound only in this band of the spectrum has an excess above thermal radiation with a finite length of 10-10 seconds or more. The proposed invention makes it possible to increase the degree of protection of a security.

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

(21) Application No.3495/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/04/2015

(43) Publication Date: 20/11/2015

(54) Title of the invention: CONTROLLED RELEASE AMINE CATALYZED SULFUR CONTAINING POLYMER AND EPOXY **COMPOSITIONS**

(51) International :C09J121/02,B32B15/08,C07F7/18

classification

(31) Priority Document No :13/659113 (32) Priority Date :24/10/2012 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2013/064020

No :09/10/2013 Filing Date

(87) International Publication :WO 2014/066041

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to Application

:NA Number :NA Filing Date

(71)Name of Applicant:

1)PRC- DESOTO INTERNATIONAL, INC.

Address of Applicant: 12780 San Fernando Road, Sylmar

California 91342 U.S.A. (72)Name of Inventor:

1) KELEDJIAN, Raquel 2)ANDERSON ,Lawrence G.

3)LIN, Renhe

(57) Abstract:

Compositions comprising sulfur- containing polymers such as polythioethers and polysulfides, polyepoxides, and controlled -release amine catalysts useful in aerospace sealant applications are disclosed. The compositions exhibit extended pot life and the rate of curing can be tailored for specific applications.

No. of Pages: 53 No. of Claims: 22

(22) Date of filing of Application :24/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: METAL-RESIN COMPOSITE, AND METHOD FOR PRODUCING SAME

(51) International classification(31) Priority Document No	:2012230013	(71)Name of Applicant: 1)SUMITOMO BAKELITE CO., LTD.
(32) Priority Date	:17/10/2012	Address of Applicant :5- 8, Higashi -Shinagawa 2- chome
(33) Name of priority country(86) International Application No	:Japan :PCT/JP2013/077439	,Shinagawa- ku ,Tokyo 1400002 Japan (72)Name of Inventor :
Filing Date	:09/10/2013	1)Koji KOlZUMI
(87) International Publication No	:WO 2014/061521	2)Yusuke WATANABE
(61) Patent of Addition to Application Number	:NA	3)Yoshihiro TAKIHANA 4)Shinya YAMAMOTO
Filing Date	:NA	•
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This metal -resin composite (100) is obtained, a resin member (101) and a metal member (102) being joined, by the joining of the resin member (101) and the metal member (102). The resin member (101) comprises a thermosetting resin composition (P) including a thermosetting resin (A) as a resin component. The metal member (102) has a ratio of actual surface area, by BET method nitrogen adsorption, in relation to apparent surface area of the joint surface (103), which joins to at least the resin member (101), of 100-400 inclusive.

No. of Pages: 55 No. of Claims: 15

(21) Application No.3414/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :22/04/2015

(43) Publication Date: 20/11/2015

(54) Title of the invention : METHOD AND DEVICE FOR DETECTING CONTROL SIGNALING AND REALIZING CONTROL SIGNALING DETECTION

 (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 	:H04W72/12 :201210358325.8 :24/09/2012 :China :PCT/CN2013/080854 :05/08/2013 :WO 2014/044086 :NA :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)ZTE CORPORATION
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(57) Abstract:

A method and device for detecting control signaling, and a method and device for realizing control signaling detection, for determining the number of blind detection times or the number of ePDCCHs allocated to each ePDCCH resource set, and thus determining the ePDCCH to be detected in each ePDCCH resource set.

No. of Pages: 57 No. of Claims: 41

(21) Application No.3415/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :22/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: CONFIGURATION OF ELECTRONIC 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 	:H04W4/02,H04M1/73 :12306375.2 :08/11/2012 :EPO :PCT/EP2013/072911 :04/11/2013 :WO 2014/072242 :NA :NA :NA	(71)Name of Applicant: 1)ALCATEL LUCENT Address of Applicant: 3, avenue Octave Greard, F-75007 Paris France (72)Name of Inventor: 1)PIANESE, Fabio 2)AN, Xueli 3)KAWSAR, Fahim
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(57) Abstract:

Method for configuring an electronic device, the method comprising the steps of: - Accessing at least two distinct datasets each comprising past user activity data; -Extracting time and location information from each of the datasets; Executing an algorithm to obtain, from the extracted time and location information, time -location correlations to recognize a location pattern over time; - Converting said location pattern over time to the present and future to obtain a time location expectation; and -Configuring the electronic device based on said expectation.

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

(21) Application No.3416/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :22/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: DEPRESSANTS FOR MINERAL ORE FLOTATION

 (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 	:01/10/2013 :WO 2014/055502 :NA :NA	(71)Name of Applicant: 1)KEMIRA OYJ Address of Applicant: Porkkalankatu 3, FI- 00180 Helsinki Finland (72)Name of Inventor: 1)MOREIRA DA COSTA, Marcelo 2)LANGSCH, Jorge, Eduardo 3)MORAIS, Paulo, Henrique 4)MOORE, Lucas
1 (01110 01		4)MOORE ,Lucas

(57) Abstract:

Depressants comprising one or more types of polysaccharides comprising one or more types of pentosan units are provided. Also disclosed are processes for enriching a desired mineral from an ore comprising the desired mineral and gangue, wherein the process comprises carrying out a flotation process in the presence of one or more collecting agents and one or more of the depressants.

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

(22) Date of filing of Application :22/04/2015 (43) Publication Date : 20/11/2015

:NA

:NA

:NA

(54) Title of the invention : WAVEFORM COMPENSATION SYSTEM AND METHODS FOR COMPENSATION OF INDUCTANCE PHENOMENA IN WELDING CONTROL

:B23K9/09,B23K9/095 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)ILLINOIS TOOL WORKS INC. :13/756048 (32) Priority Date Address of Applicant: 155 Harlem Avenue, Glenview, IL :31/01/2013 (33) Name of priority country 60025 U.S.A. :U.S.A. (86) International Application No :PCT/US2014/011937 (72) Name of Inventor: Filing Date :16/01/2014 1)DAVIDSON, Robert, R. (87) International Publication No :WO 2014/120471 2) BUNKER, Thomas, A. (61) Patent of Addition to Application 3)SCHUH, Richard :NA Number

(57) Abstract:

Filing Date

Filing Date

A method includes receiving data corresponding to a voltage level over time and a current level over time. The method also includes determining a first ratio corresponding to a voltage ramp percent or a voltage falling edge percent with respect to a peak in the voltage level and determining a second ratio corresponding to a current ramp ratio or a current falling edge ratio with respect to a peak in the current level. The method further includes determining, based on a comparison between the first ratio and the second ratio, whether to increment, decrement, or maintain an inductance compensation estimation value corresponding to an estimated inductance present in one or more secondary components associated with the welding operation.

No. of Pages: 26 No. of Claims: 20

(62) Divisional to Application Number

(22) Date of filing of Application :24/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : SLIP RING ASSEMBLY, SLIP RING SHAFT OF A SLIP RING ASSEMBLY , INSULATING BODY OF A SLIP RING ASSEMBLY AND SLIP RING OF A SLIP RING ASSEMBLY

:H01R39/08,F03D11/00 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)WOBBEN PROPERTIES GMBH :10 2012 220 293.5 (32) Priority Date Address of Applicant: Dreekamp 5, 26605 Aurich Germany :07/11/2012 (33) Name of priority country (72)Name of Inventor: :Germany (86) International Application No :PCT/EP2013/073190 1) GERDES. Frank Filing Date :06/11/2013 2) JANEN, Aike (87) International Publication No :WO 2014/072355 3) HALLER, Matthias (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The invention relates to a slip ring assembly (72) of a slip ring transducer (1) for transducing electrical signals between a stationary part and a part which rotates around an axis of rotation, comprising: at least one slip ring (28) for transducing one of the electrical signals between the slip ring (28) and at least one slip element trailing thereon, in particular a brush, and a slip ring shaft (8) for securing the at least one slip ring (28) thereon, the slip ring shaft (8) having guiding channels (96) distributed along its circumference in order to receive electrical lines for electrically connecting the at least one slip ring (28).

No. of Pages: 52 No. of Claims: 26

(21) Application No.1501/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :16/05/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: SYSTEM AND METHOD FOR PROVIDING TARGETED ADVERTISING IN A SOCIAL NETWORK

(51) International classification	:G06F	(71)Name of Applicant:
(31) Priority Document No	:NA	1)PRAVEEN GOEL
(32) Priority Date	:NA	Address of Applicant :G-73, SAKET, FIRST FLOOR,
(33) Name of priority country	:NA	N.DELHI-110017, INDIA Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PRAVEEN GOEL
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method and a system for providing personalized promotional offers to a user (210) based on the information acquired (202) from social networking websites. The various information related to the user on social networking websites, such as, photos and videos, comments, blogs, updates, events, etc. are used to determine the personality characteristics and activities of the user (208). This information is then used to provide advertisements and promotional offers to the user (210).

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

(21) Application No.3412/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :22/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: SELF-OSCILLATING RESONANT POWER CONVERTER

(51) International :H02M7/5383,H02M3/158,H02M1/00

classification

(31) Priority Document No :12191129.1 (32) Priority Date :02/11/2012

(33) Name of priority :EPO

country

(86) International :PCT/EP2013/072548

Application No :29/10/2013 Filing Date

(87) International

:WO 2014/067915 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)DANMARKS TEKNISKE UNIVERSITET

Address of Applicant: Anker Engelundsvei 1, Bygning 101A,

2. sal, DK -2800 Kgs. Lyngby Denmark

(72)Name of Inventor: 1)MADSEN .Mickey P

2)PEDERSEN, Jeppe Arnsdorf

(57) Abstract:

The present invention relates to resonant power converters and inverters comprising a self-oscillating feedback loop coupled from a switch output to a control input of a switching network comprising one or more semiconductor switches. The self-osocillating feedback loop sets a switching frequency of the power converter and comprises a first intrinsic switch capacitance coupled between a switch output and a control input of the switching network and a first inductor. The first inductor is coupled in-between a first bias voltage source and the control input of the switching network and has a substantially fixed inductance. The first bias voltage source is configured to generate an adjustable bias voltage applied to the first inductor. The output voltage of the power con verter is controlled in a flexible and rapid manner by controlling the adjustable bias voltage.

No. of Pages: 44 No. of Claims: 21

(21) Application No.3501/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: METHOD FOR SYNTHESISING CYCLOHEXENONES AND THE USE OF SAME IN THE PERFUME INDUSTRY

(51) International :A61Q13/00,C07C29/20,C07C29/32 classification

(31) Priority Document No :1259524 (32) Priority Date :05/10/2012

(33) Name of priority country: France

(86) International Application: PCT/FR2013/052235

No :24/09/2013 Filing Date

(87) International Publication :WO 2014/053744

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

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Address of Applicant :620 Route de Grasse F 06620 Le Bar

sur Loup France

(72)Name of Inventor:

1)CHANOT Jean Jacques

2)PLESSIS Caroline

(57) Abstract:

The present invention concerns a method for synthesising cyclohexenone and cyclohexenol compounds having specific fragrances and remanence properties, said method consisting in condensing a ketone on an a- methylene- aldehyde in order to obtain, by means of a domino reaction, compounds of formula (I).

No. of Pages: 45 No. of Claims: 19

(22) Date of filing of Application :24/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: TRANSACTION DEVICE, TRANSACTION METHOD AND TRANSACTION SYSTEM

(51) International :G06F21/32,G06F21/34,G06Q20/18 classification

(31) Priority Document No :2012241835 (32) Priority Date :01/11/2012

(33) Name of priority country: Japan

(86) International Application :PCT/JP2013/077852

:11/10/2013

Filing Date

(87) International Publication :WO 2014/069226

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(71)Name of Applicant:

1)OKI ELECTRIC INDUSTRY CO.,LTD.

Address of Applicant: 1-7-12 Toranomon, Minato-ku, Tokyo

105-8460 Japan

(72) Name of Inventor:

1)YAMAZAKI, Tatsushi

(57) Abstract:

The purpose of the present invention is to make it possible to indicate to customers, in an easy-to-understand manner, the part of the body required for registration when registering biometric information on a new IC card (medium). The present invention comprises: a biometric information reading and guidance support unit which acquires parts of the body for one or a plurality of registered biometric information from an inserted medium, and displays, on a display unit, a biometric information reading and guidance screen which contains a guidance display unit that displays in a recognizable manner, from all of the acquired parts of the body, parts of the body that have been read off, and parts of the body that have not been read off; a verification unit that performs authentication on the basis of one or a plurality of registered biometric information in the medium and biometric information for customers obtained from the biometric information reading unit; and a biometric information registration unit which, if authentication by means of the authentication unit using one or a plurality of registered biometric information is successful, the one or plurality of biometric information which has been successfully authenticated are registered to a new separate medium.

No. of Pages: 36 No. of Claims: 9

(19) INDIA

(22) Date of filing of Application :23/04/2015

(21) Application No.3427/DELNP/2015 A

(43) Publication Date: 20/11/2015

(54) Title of the invention: BUILDING COMPONENT

 (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 	:E04F13/074 :P-400957 :27/09/2012 :Poland :PCT/PL2013/000121 :26/09/2013 :WO 2014/051446 :NA	(71)Name of Applicant: 1)FURMANEK, Marek Address of Applicant: ul. W³jtowicza 71, PL- 23- 213 Zakrz³wek Poland (72)Name of Inventor: 1)FURMANEK, Marek
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The presented invention facilitates creation of floors and other utilitarian spaces incorporating supplementary, illuminated decorations. It may be utilized in house and public facilities building- oriented branches of construction industry , and in the furniture joinery industry. It can also be incorporated into already finished spaces. The building component is characteristic due to the fact that it is based on utilization of the bottom layer (7), the satisfactory thickness of which shall oscillate around $2\cdot18$ mm , intermediate light forwarding layer (3), the thickness of which shall range from 3 to 18 mm (the additional elements of the design , such as indents, and/or engraves, and/or channels , in which light elements (4) are situated, and/or light mat (8) , and top layer (1) , the thickness of which shall oscillate around $1\cdot18$ mm , and in which the elements of the design , such as decorative indents , shall be also incorporated (2). The aforementioned elements shall be filled with a special material , such as resin , and/or glass, and/or adhesive substances and/or transparent substances. The utilized light sources (4) are LED diodes and/or LED diode sets , and/or optical fibers , and/or halogen lamps, and/or cold cathodes , and/or light mat. The aforementioned light sources (4) are located in a circular manner ,and/or separate fashion , and/or between the bottom layer (7) and the top layer (1). The building component may incorporate a heating mat (6) situated below the light mat, as well as an additional layer (9) , preferably of the thickness of $1\cdot12$ mm and supplementary elements of the design (10), preferably of the thickness of $1\cdot12$ mm.

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

(21) Application No.3429/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :23/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: MICROFLUIDIC CHIP

 (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 	:G01N21/00 :NA :NA :NA :PCT/US2013/050669 :16/07/2013 :WO 2015/009284 :NA :NA :NA	(71)Name of Applicant: 1)PREMIUM GENETICS (UK) LTD. Address of Applicant: Alpha Building, London Road, Nantwich CW5 7JW U.K. (72)Name of Inventor: 1)XIA,Zheng
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(57) Abstract:

A microfluidic chip orients and isolates components in a sample fluid mixture by two- step focusing, where sheath fluids compress the sample fluid mixture in a sample input channel in one direction, such that the sample fluid mixture becomes a narrower stream bounded by the sheath fluids, and by having the sheath fluids compress the sample fluid mixture in a second direction further downstream, such that the components are compressed and oriented in a selected direction to pass through an interrogation chamber in single file formation for identification and separation by various methods. The isolation mechanism utilizes external, stacked piezoelectric actuator assemblies disposed on a microfluidic chip holder, or piezoelectric actuator assemblies on- chip, so that the actuator assemblies are triggered by an electronic signal to actuate jet chambers on either side of the sample input channel, to jet selected components in the sample input channel into one of the output channels.

No. of Pages: 66 No. of Claims: 43

(22) Date of filing of Application :25/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: METHOD AND CLOUD MANAGEMENT NODE FOR ENABLING A VIRTUAL MACHINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:NA :NA :NA :PCT/SE2012/051485	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant: S -164 83 Stockholm Sweden (72)Name of Inventor: 1)HELLKVIST, Stefan
(33) Name of priority country	:NA	(72)Name of Inventor:
Filing Date	:21/12/2012	2)HAL%N ,Joacim
(87) International Publication No(61) Patent of Addition to Application	:WO 2014/098688 :NA	3)MNGS, Jan -Erik
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method and a cloud management node (200) for enabling usage of a virtual machine in a distributed cloud of resources for processing and storing of data. When receiving (2: 1) a VM image from a client (202) with a set of files of an operating system for running the virtual machine, the cloud management node distributes (2:2a -d) the VM image (204b) to a plurality of local data centers (204) forming the distributed cloud. In return, the cloud management node receives local identifications of the VM image from the local data centers ,and creates (2:3) a mapping (200a) between the received local identifications and a global identification of the VM image. The global identification is then returned (2:4) to the client ,thereby enabling the client to change the VM image in the local data centers by referring to the global identification in communication with the cloud management node.

No. of Pages: 34 No. of Claims: 18

(22) Date of filing of Application :23/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: SUPPOSITORY INSERTION DEVICE, SUPPOSITORY, AND METHOD OF MANUFACTURING A SUPPOSITORY

(51) International classification :A61J3/08,A61K9/02,A61M31/00 (71)Name of Applicant : (31) Priority Document No :61/716212 1)CRISTCOT INC. (32) Priority Date Address of Applicant: 9 Damonmill Square, Suite 4A, :19/10/2012 (33) Name of priority country Concord, Massachusetts 01742 U.S.A. :U.S.A. (72)Name of Inventor: (86) International Application :PCT/US2013/065795 1) ENSIGN, Jennifer, D. :18/10/2013 Filing Date 2) ENSIGN, Mark, C. (87) International Publication :WO 2014/063122 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

Today s suppositories are typically packaged individually for digital administration into the anal canal of a patient. A suppository applicator described herein, which works with individually packaged suppositories, can alternatively be shipped in a prepackaged operational arrangement with a suppository to enable the patient to administer the suppository through use of the applicator in a single operation after opening a hygienic wrapper containing the applicator suppository combination. A method for manufacturing a suppository includes manufacturing the suppository in the presence of and in contact with an element configured to be used to insert the suppository into a body cavity. The method may include using the element to define a shape of the suppository during the manufacturing. The resulting applicator- suppository combination is more hygienic and easier to handle than the separate applicator and suppository and provides more efficiency from time of opening the packaging to time of commencing administration of the suppository.

No. of Pages: 91 No. of Claims: 43

(21) Application No.3433/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :23/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: METHOD FOR CONSTRUCTING CYLINDRICAL TANK

 (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 	:E04H7/06,E04H7/18 :2012248554 :12/11/2012 :Japan :PCT/JP2013/067867 :28/06/2013 :WO 2014/073240 :NA :NA :NA	(71)Name of Applicant: 1)IHI CORPORATION Address of Applicant:1-1, Toyosu 3- chome, Koto- ku ,Tokyo 135-8710 Japan (72)Name of Inventor: 1)SHIOMI Hiroshi 2)NAGUMO Satoru 3)[iiil UCHIYAMA Norio 4)KATSUYAMA Noriyuki 5)TAKAHASHI Masaki
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(57) Abstract:

A method for constructing a cylindrical tank that has a metal inner vessel and a concrete outer vessel. Said method has a step in which a precast wall (3) is assembled as follows: as a side liner (4) is assembled sequentially from a bottom level to a top level along the outer edge of a base plate, said side liner (4) is used as inner formwork to cast concrete (5) so as to follow the assembly of the side liner (4).

No. of Pages: 43 No. of Claims: 6

(21) Application No.3434/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :23/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: SYSTEMS, APPARATUS, EQUIPMENT WITH THERMAL DISINFECTION AND THERMAL DISINFECTION METHODS

(51) International classification :A61M1/16,A61L2/04,C02F1/02 (71)Name of Applicant : (31) Priority Document No :12513495 (71)GAMBRO LUNDIA AB

(32) Priority Date :28/11/2012 Address of Applicant :P.O. Box 10101. S= 220 10 Lund

(33) Name of priority country :Sweden Sweden

(86) International Application No:PCT/EP2013/073705
 Filing Date :13/11/2013
 (87) International Publication No:WO 2014/082855
 (72)Name of Inventor:

 1)FELDING, Anders;
 2)JONASSON, Tor-Bjorn;

Filing Date
(62) Divisional to Application
:NA

Number :NA Filing Date

(57) Abstract:

Water systems, medical equipment, and apparatus for thermal disinfection comprise a control unit which starts the disinfection of a fluid path by controlling a heating unit to heat water and controlling an actuator to enable heated water to flow into the fluid path. The control unit reads the temperature as measured by a temperature sensor during the disinfection and calculates an achieved disinfection dose. The achieved disinfection dose is compared with a set disinfection dose and the disinfection is discontinued if the achieved disinfection dose corresponds to the set disinfection dose.

No. of Pages: 52 No. of Claims: 20

(22) Date of filing of Application :25/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: BALANCED PORT SENSE PROFILE FOR IMPROVED CAPACITY PERFORMANCE

(57) Abstract:

A fluid regulating device in particular a gas regulator having a balanced trm assembly, includes a regulator valve having an inlet, an outlet, and a valve port disposed between the inlet and the outlet. An actuator is coupled to the regulator valve and includes a valve disc that displaces along a longitudinal axis to open and close the fluid regulating device. The valve disc includes a sealing surface disposed adjacent to an outer radial end of the valve disc and the sealing surface is adapted to sealingly engage the valve port in the closed position. The valve disc also includes an intermediate surface disposed inward of the sealing surface and a groove is formed in the intermediate surface. The groove extends along a groove axis extending along the intermediate surface normal to the longitudinal axis and the groove axis is at least partially curved when viewed along the longitudinal axis.

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

(21) Application No.3430/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :23/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: SULFESTROL FOR TREATING CANCER

:WO 2014/060364

(51) International

:A61K31/10,A61P35/00,A61K9/20

classification

(31) Priority Document No :12188502.4 :15/10/2012

(32) Priority Date

(33) Name of priority country: EPO

(86) International Application :PCT/EP2013/071438 :14/10/2013

Filing Date

(87) International Publication

(61) Patent of Addition to **Application Number** :NA

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)CHAMAELEO PHARMA BVBA

Address of Applicant: Pegasuslaan 5, BE-1831 Diegem

Belgium

(72) Name of Inventor:

1)PLATTEEUW ,Johannes Jan

2)DE BREE ,Martijn 3)KLUMPER, Edwin

(57) Abstract:

The invention relates to the use of Sulfestrol (diethylstilbestrol sulfate) in a method of curative or palliative treatment of cancer in a mammal. The inventors have unexpectedly found that Sulfestrol can suitably be employed as an effective drug in the treatment of cancer in mammals. The inventors have further discovered that Sulfestrol can be administered even in high dosages without giving rise to serious side effects. Besides the clinical use of Sulfestrol the present invention also relates to oral dosage units comprising Sulfestrol and to sterile liquids for intravenous administration that comprise Sulfestrol.

No. of Pages: 35 No. of Claims: 21

(22) Date of filing of Application :23/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: IMAGE FORMING APPARATUS AND CONTROL METHOD THEREOF

:G03G15/14,G03G15/01 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)SAMSUNG ELECTRONICS CO., LTD. :1020120119338 (32) Priority Date Address of Applicant: 129, Samsung-ro, Yeongtong-gu, :25/10/2012 (33) Name of priority country Suwon- s,i Gyeonggi- do 443- 742 Republic of Korea :Republic of Korea (86) International Application No (72) Name of Inventor: :PCT/KR2013/009470 Filing Date :23/10/2013 1)JU, Jeong Yong (87) International Publication No :WO 2014/065583 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Disclosed herein are an image forming apparatus and a control method thereof. The image forming apparatus includes a plurality of photoconductors a transfer belt, a plurality of transfer rollers arranged in parallel with the plurality of photoconductors, and a controller rotating the transfer belt under the condition that at least one of the plurality of transfer rollers presses the transfer belt toward at least one of the plurality of photoconductors interrupting power transmitted to the transfer belt to cause at least another of the plurality of transfer rollers to press the transfer belt toward at least another of the plurality of photoconductors standing by until rotation of the transfer belt is stopped after interruption of the power and controlling the at least another of the plurality of transfer rollers so as to press the transfer belt toward the at least another of the plurality of photoconductors.

No. of Pages: 36 No. of Claims: 9

(21) Application No.3520/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :25/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: UPSTREAM SENSE FOR BALANCED PORT

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G05D16/02,G05D16/10 :201210376784.9 :28/09/2012 :China	(71)Name of Applicant: 1)EMERSON PROCESS MANAGEMENT REGULATOR TECHNOLOGIES, INC. Address of Applicant: 310 East University Drive, Mckinney,
 (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 	:PCT/US2013/062088 :27/09/2013 :WO 2014/052700 :NA :NA :NA	TX 75070 U.S.A. (72)Name of Inventor: 1)MEVIUS, Jason, S. 2)ZHOU, Biao

(57) Abstract:

A fluid regulating device includes a regulator valve having a valve body defining an inlet and an outlet and a valve port disposed between the inlet and the outlet. A housing assembly is disposed adjacent the valve port, and the housing assembly includes a first aperture adapted to receive a valve disc. A balancing diaphragm is secured to a portion of the valve disc and a portion of the housing assembly , and a portion of a balancing cavity is defined by a top surface of the balancing diaphragm and an interior surface of the housing assembly. A sensing passage extends from the inlet of the regulator valve to the balancing cavity such that the inlet of the regulator valve is in fluid communication with the balancing cavity.

No. of Pages: 24 No. of Claims: 20

(21) Application No.3521/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :25/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: SELF- ALIGNING VALVE PLUG

(51) International classification(31) Priority Document No(32) Priority Date	:F16K31/165,F16K1/36 :201210388194.8 :28/09/2012	(71)Name of Applicant: 1)EMERSON PROCESS MANAGEMENT REGULATOR TECHNOLOGIES, INC.
(33) Name of priority country (86) International Application No	:China :PCT/US2013/062097	Address of Applicant :310 East University Drive, Mckinney, TX 75070 U.S.A.
Filing Date (87) International Publication No	:27/09/2013 :WO 2014/052706	(72)Name of Inventor: 1)MEVIUS, Jason S.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)FAN ,Guolei 3)ZHOU ,Biao
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A balanced pressure regulator includes a valve body (119) having a fluid inlet (116) and a fluid outlet (118) connected by a fluid passageway. A valve seat (122) is disposed within the fluid passageway. A self-aligning valve plug (128) is at least partially disposed within the fluid passageway, the self-aligning valve plug (128) interacting with the valve seat (122) to selectively open or close the fluid passageway. A retainer (139) is partially disposed within a bore of the self aligning valve plug (128) and operatively connects the self-aligning valve plug (128) to a valve stem (127) having a ball portion. More specifically, the retainer (139) includes a recess adapted to receive the ball portion of the valve stem (127), such that the self-aligning valve plug (128) automatically rotates around the ball portion of the valve stem (127) to achieve alignment and sealing engagement between a valve disc of the self-aligning valve plug (128) and the valve seat (122).

No. of Pages: 25 No. of Claims: 30

(22) Date of filing of Application :27/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: DEVICE FOR DISINTEGRATING FOOD WASTE COMPRISING BONES

(51) International classification (31) Priority Document No :12512299 (32) Priority Date :31/10/2012 (33) Name of priority country :Sweden (86) International Application No :PCT/SE2013/051254

Filing Date :25/10/2013

(87) International Publication No :WO 2014/070080

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

:A47J43/04,B02C18/00 (71)Name of Applicant : 1)DISKOMAT AB

Address of Applicant :...rsta skolgrnd 12A, S- 117 43

Stockholm Sweden (72)Name of Inventor: 1)EKSTR-M .Ulf

(57) Abstract:

Device for disintegrating food waste, comprising bones, at a machine for cutting vegetables using a rotating disc (1) provided with an opening (2) in the disc and a knife (3) arranged by and along the opening (2), which cutting disc (1) is mounted on a driven vertical axis (19), and wherein the cutting disc is arranged in the lower part of a cylindrical housing (18) into which food leftovers are arranged to be fed down from above the cutting disc. The invention is characterised in that a stationary stopping means (5) is mounted above the cutting disc (1) and from the center (16) of the cutting disc to the periphery (17) of the cutting disc, in that the stopping means (5) extends a certain distance upwards from the cutting disc in that the stopping means (5) has a stopping surface (8), facing in a direction opposite to the direction (9) of motion of the cutting disc (1), in that the angle (V1) between the edge (4) of the knife and the stopping surface (8) in a rotational position of the cutting disc (1), in which the edge (4) of the knife and the stopping surface (8) partly overlap as seen in a direction perpendicularly to the plane of the cutting disc (1), opens inwards towards the center (16) of the cutting disc, and in that the vertical distance between the edge of the knife and the underside of the stopping means allows cutting of bones, but is less than about 1 millimeters.

No. of Pages: 14 No. of Claims: 11

(21) Application No.3527/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: SUBSTRATE LOADING IN AN ALD REACTOR

(51) International classification (31) Priority Document No :FI2012/051160 (32) Priority Date :23/11/2012 :PCT

(33) Name of priority country

(86) International Application No :PCT/FI2012/051160 Filing Date :23/11/2012

(87) International Publication No :WO 2014/080067

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number: NA Filing Date :NA

:C23C16/455,C23C16/458 (71)Name of Applicant :

1)PICOSUN OY

Address of Applicant: Tietotie 3, FI- 02150 Espoo Finland

(72)Name of Inventor:

1)KILPI, Viiin

2)KOSTAMO "Juhana

3)LI, Wei-Min

(57) Abstract:

An apparatus and method for loading a plurality of substrates into a substrate holder in a loading chamber of a deposition reactor to form a vertical stack of horizontally oriented substrates within said substrate holder, for turning the substrate holder to form a horizontal stack of vertically oriented substrates, and for lowering the substrate holder into a reaction chamber of the deposition reactor for deposition. The technical effects achieved are: a top loading system for a vertical flow deposition reactor in which the substrates can be loaded with horizontal orientation, eliminating the need for flipping each substrate separately by flipping the whole substrate holder and minimizing a loading distance in a reactor cluster.

No. of Pages: 20 No. of Claims: 14

(21) Application No.3528/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: METHODS AND SYSTEMS FOR CONCEALING INFORMATION

(51) International classification :H04L9/08,H04L9/28,H04L9/34 (71)Name of Applicant : :2012904692 (31) Priority Document No 1)JADEJA, Dilipsinhji (32) Priority Date Address of Applicant :9 Black Wattle Place, Cherrybrook :25/10/2012 (33) Name of priority country New South Wales 2126 Australia :Australia (86) International Application No: PCT/AU2013/001244 2) JADEJA, Anita Filing Date (72)Name of Inventor: :25/10/2013 (87) International Publication No: WO 2014/063203 1) JADEJA, Dilipsinhji (61) Patent of Addition to 2) JADEJA, Anita :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

Disclosed herein is a retrieving system (10) for retrieving information concealed within a sequence of symbols. The system (10) comprises a decoder (16) configurable using rule information and operable when so configured to retrieve the information concealed within the sequence of symbols by applying to the sequence of symbols at least one decoder rule determined by the configuration of the encoder (16).

No. of Pages: 53 No. of Claims: 72

(21) Application No.3529/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: PROCESS OF DEPOSITING A METALLIC PATTERN ON A MEDIUM

(51) International :C23C14/58,B41M5/26,C23C18/20

classification (31) Priority Document No :12194391.4

(31) Priority Document No :12194391.4 (32) Priority Date :27/11/2012 (33) Name of priority country :EPO

(86) International Application :PCT/EP2013/074806

No :27/11/2013

Filing Date :27/11/2013

(87) International Publication :WO 2014/083028

No

(61) Patent of Addition to Application Number Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date

(71)Name of Applicant: 1)DSM IP ASSETS B.V.

Address of Applicant :Het Overloon 1, NL -6411 TE Heerlen

Netherlands

(72)Name of Inventor:

1)GELISSEN, Franciscus Wilhelmus Maria 2)PEREZ GRATEROL ,Raul Marcelino

(57) Abstract:

Process of depositing a metallic pattern on a medium, said process comprising: generating pulsed laser beams from a pulsed laser source, wherein the laser beams have a wavelength for which the medium is substantially transparent, focusing the laser beams onto a target layer comprising inorganic particles, dispersed in a laser light degradable/combustible organic matrix, said target layer producing ejecta in response to an interaction of said laser beams and said target layer, accumulating at least a portion of said ejecta on said medium within the desired pattern, providing the pattern by electroless metal plating. The invention further relates to a transparent medium comprising a metallic pattern wherein the adhesion between the metallic pattern and the medium is at least 5N/cm.

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

(22) Date of filing of Application :21/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: PARTIALLY TINTED CLEAR STATE FOR IMPROVED COLOR AND SOLAR-HEAT GAIN CONTROL OF ELECTROCHROMIC DEVICES

 (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 	:11/10/2013 :WO 2014/059268	(71)Name of Applicant: 1)SAGE ELECTROCHROMICS INC. Address of Applicant: One Sage Way, Faribault, MN 55021 U.S.A. (72)Name of Inventor: 1)GREER, Bryan D.; 2)BJORNARD, Erik;
(87) International Publication No		

(57) Abstract:

A control device (120) for controlling the transmittance of an electrochromic device (110) includes a power source (150), an electrical load sensing circuit (140), and a processor (130) electrically coupled to the electrical load sensing circuit and the power source. The processor is configured to receive a measured electrical load value from the electrical load sensing circuit indicating an electrical property of the electrochromic device, further configured to control one or more properties of the electrochromic device by controlling the amount of current or voltage supplied from the power source to the electrochromic device, and yet further configured to vary a property of the electrochromic device while maintaining the electrochromic device at a substantially consistent transmissivity.

No. of Pages: 59 No. of Claims: 48

(21) Application No.3358/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :21/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: MODULAR POWER INFRASTRUCTURE NETWORK, AND ASSOCIATED SYSTEMS AND **METHODS**

(51) International :F01K25/06,F01K25/00,H02N11/00

classification :61/744439 (31) Priority Document No

(32) Priority Date :26/09/2012 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2013/060297

No :18/09/2013 Filing Date

(87) International Publication: WO 2014/052107

(61) Patent of Addition to :NA

Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(71)Name of Applicant:

1)SUPERCRITICAL TECHNOLOGIES INC.

Address of Applicant :P.O. Box 869, Bremerton ,WA 98332

(72) Name of Inventor:

1)DAVIDSON, Chal, S.; 2) WALTER, Joshua, C;

3)WRIGHT, Steven, A.;

(57) Abstract:

Disclosed illustrative embodiments include modular power infrastructure networks, distributed electrical power infrastructure networks, methods for operating a modular power infrastructure network and methods for fabricating a modular power infrastructure network.

No. of Pages: 98 No. of Claims: 66

(22) Date of filing of Application :21/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: A SUBFRAME FOR A VALVE BODY

 (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 	:F17C13/04 :1217552.7 :01/10/2012 :U.K. :PCT/EP2013/069954 :25/09/2013 :WO 2014/053372 :NA :NA	(71)Name of Applicant: 1)LINDE AKTIENGESELLSCHAFT Address of Applicant: Klosterhofstrasse 1, 80331 Munich Germany (72)Name of Inventor: 1)LAMBERT, Piers 2)GREGORY, George 3)GOBOLD, Oliver
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention provides a sub- frame (10) for a valve body (12) having two or more location surfaces (14, 16), said sub- frame (10) comprising a first and a second portion (10a, 10b) having mutually confronting contact surfaces (18a, 18b), sides (20a, 20b) and front and back surfaces (22a, 22b) and mutually confronting engagement surfaces(24a, 24b and 26a, 26b) wherein said mutually confronting contact surfaces (18a, 18b) are shaped to engage with each other upon placement together of the two portions (10a 10b) and said mutually confronting engagement surfaces (24a, 24b and 26a, 26b) are shaped to engage with one or other of said one or more location surfaces (14, 16) on the valve body (12).

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

(21) Application No.3450/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :23/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: TIGER STRIPE MODIFIER

(51) International classification	:C08L23/12,C08F2/00	(71)Name of Applicant:
(31) Priority Document No	:12194764.2	1)BOREALIS AG
(32) Priority Date	:29/11/2012	Address of Applicant :IZD Tower, Wagramer Strae 17 -19, A -
(33) Name of priority country	:EPO	1220 Vienna Austria
(86) International Application No	:PCT/EP2013/075015	(72)Name of Inventor:
Filing Date	:28/11/2013	1)TRANNINGER, Michael
(87) International Publication No	:WO 2014/083130	2)GRESTENBERGER, Georg
(61) Patent of Addition to Application	:NA	3)SANDHOLZER, Martina
Number	:NA	4)SCHWARZENBERGER, Simon
Filing Date		5)KAHLEN, Susanne
(62) Divisional to Application Number	:NA	6)POTTER, Gregory
Filing Date	:NA	

(57) Abstract:

Tiger stripe modifier being a heterophasic polypropylene composition comprising a propylene homopolymer and an elastomeric propylene copolymer, wherein said propylene homopolymer has a melt flow rate MFR2 (230°C) in the range of above 70 to 300 g/l Omin; the xylene cold soluble fraction of the heterophasic polypropylene composition has an intrinsic viscosity in the range of more than 4.0 to below 12.0 dl/g; and the comonomer content of the xylene cold soluble fraction of the heterophasic polypropylene composition is in the range of 20.0 to 60.0- wt. %; wherein further the heterophasic polypropylene composition fulfills the inequation (I) $0.30 \ge (0.241 \text{ X}) - (1.14 \text{ X})$ (I) wherein C is the comonomer content of the xylene cold soluble (XCS) fraction of the heterophasic polypropylene composition (HECO1), and IV is the intrinsic viscosity of the xylene cold soluble (XCS) fraction of the heterophasic polypropylene composition (HECO1).

No. of Pages: 46 No. of Claims: 15

(21) Application No.3538/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: A WOUND DRESSING

 (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 	:A61F13/02 :PA 2012 70704 :15/11/2012 :Denmark :PCT/DK2013/050369 :08/11/2013 :WO 2014/075684 :NA :NA	(71)Name of Applicant: 1)COLOPLAST A/S Address of Applicant: Holtedam 1, DK -3050 Humlebaek Denmark (72)Name of Inventor: 1)OEELUND, Jakob 2)STROEM- HANSEN, Bjarke 3)SLETTEN, Carsten
. ,		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method of preparing an adhesive wound dressing, the dressing comprising a central portion and an edge portion, the method comprising the steps of providing a support layer, drawing the support layer into a mold and dispensing a portion of uncured adhesive over the mold, distributing the adhesive in the mold and removing excess adhesive. The adhesive is cured and the support layer is detached from the mold. The central portion is provided with a plurality of through -going holes and an absorbent pad is placed on the non -adhesive side of the central portion and finally a backing layer is laminated to the absorbent pad and the edge portion of the support layer.

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

(22) Date of filing of Application :23/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: BLENDS OF POLYSULFONES AND POLYPHENYLENE SULFIDES

(51) International classification :C08L81/04,C08J5/00,C08K3/00 (71)Name of Applicant :

(31) Priority Document No :61/749186 (32) Priority Date :04/01/2013

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

(86) International Application :PCT/US2013/075662 No

:17/12/2013 Filing Date

(87) International Publication No: WO 2014/107300

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)SABIC INNOVATIVE PLASTICS IP B.V.

Address of Applicant: Plasticslaan 1, NL-4612PX Bergen op

Zoom Netherlands

(72) Name of Inventor: 1)SANNER, Mark, A.

2) RAMALINGAM, Hariharan; 3)SHETH, Kapil Chandrakant;

(57) Abstract:

Compositions including a blend of a) a polysulfone; b) a polyphenylene sulfide; and c) a polyetherimide and an epoxy, wherein the polyetherimide and epoxy can be present in an amount effective to act as a compatibilizer for the polysulfone and polyphenylene sulfide. Various embodiments relate to a method of compatibilizing a blend of polysulfone and polyphenylene sulfide. The method can include a) melt mixing a polysulfone and a polyetherimide; and b) melt mixing a polyphenylene sulfide and an epoxy. Step a) and b) can be carried out by one of sequential mixing and simultaneous mixing. Alternatively the method can include a) melt mixing a polyphenylene sulfide, a polyetherimide, and an epoxy to form an initial mixture; and b) melt mixing the initial mixture of step a) with a polysulfone.

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

(21) Application No.3448/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :23/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: METHOD FOR GRANULATING POLYMERS AND PRODUCT PRODUCED BY THIS METHOD

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C08J3/12,B29B17/04,C08J11/06 :1260275 :26/10/2012 :France	(71)Name of Applicant: 1)COMPAGNIE PLASTIC OMNIUM Address of Applicant: 19 avenue Jules Carteret, F -69007 Lyon France
(86) International Application No Filing Date (87) International Publication No	:PCT/FR2013/052544 :23/10/2013 :WO 2014/064389	2)INSTITUT NATIONAL DES SCIENCES APPLIQU‰ES DE LYON 3)UNIVERSIT‰ CLAUDE BERNARD LYON 1 4)UNIVERSIT‰ JEAN MONNET SAINT ETIENNE 5)CENTRE NATIONAL DE LA RECHERCHE
(61) Patent of Addition to Application Number Filing Date	:NA :NA	SCIENTIFIQUE (CNRS) (72)Name of Inventor: 1)VIOT, Frdric
(62) Divisional to Application Number Filing Date	:NA :NA	2)CASSAGNAU ,Philippe 3)MASSARDIER- NAGEOTTE, Valrie 4)MELIS, Flavien

(57) Abstract:

The invention concerns a granulation method that can be used to obtain a polymer from post- consumer materials, and a motor vehicle part made from polymers produced by recycling used polymers.

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

(22) Date of filing of Application :23/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: NOVEL CATALYST COMPOSITIONS AND METHODS OF MAKING AND USING SAME

(51) International :C07D207/09,C07D207/335,C07C251/24 classification

:13/660857

(31) Priority Document

(32) Priority Date :25/10/2012 (33) Name of priority :U.S.A.

country

(86) International

:PCT/US2013/066550 Application No :24/10/2013 Filing Date

(87) International

:WO 2014/066602 Publication No

:NA

(61) Patent of Addition to Application Number

:NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1) CHEVRON PHILLIPS CHEMICAL COMPANY LP

Address of Applicant: 10001 Six Pines Drive, The Woodlands,

Texas 77380 U.S.A.

2)HLAVINKA, Mark, L

(72)Name of Inventor:

1)HLAVINKA, Mark, L

(57) Abstract:

An imine phenol compound having Structure I: wherein O and N represent oxygen and nitrogen respectively; R comprises a halogen, a hydrocarbyl group, or a substituted hydrocarbyl group; R and R can each independently be hydrogen, a halogen, a hydrocarbyl group, or a substituted hydrocarbyl group; and Q is a donor group. A method comprising contacting a catalyst composition with a monomer under conditions suitable for the formation of a polymer wherein the catalyst composition comprises a metal salt complex of an imine (bis) phenolate compound, a solid oxide, and an optional metal alkyl and wherein the metal salt complex of an imine (bis) phenolate compound has Structure XIV where M is titanium, zirconium, or hafnium; OE is ethoxide, R comprises a halogen, a hydrocarbyl group, or a substituted hydrocarbyl group; and R2 comprises hydrogen, a halogen, a hydrocarbyl group, or a substituted hydrocarbyl group.

No. of Pages: 89 No. of Claims: 23

(22) Date of filing of Application :27/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: MAGNETIC CORE AND PROCESS FOR PRODUCING SAME

(51) International :H01F1/26,H01F27/255,H01F41/02

(31) Priority Document No :2012219306

(32) Priority Date :01/10/2012
(33) Name of priority country :Japan

(86) International Application

(86) International Application :PCT/JP2013/076195

Filing Date :27/09/2013

(87) International Publication :WO 2014/054514

(61) Patent of Addition to

Application Number
Filing Date

:NA
:NA

(62) Divisional to Application :NA
Number :NA

Filing Date

(71)Name of Applicant:
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ku .Osaka -shi ,Osaka 5500003 Japan

(72)Name of Inventor: 1)UEMOTO Ikuo

2)MIYAZAKI Shinji

3)HARANO Takuji 4)MORI Natsuhiko

5)NODA Hiroyuki

(57) Abstract:

Provided are a magnetic core which can be produced more efficiently without increasing the raw material cost and which has required magnetic properties, and mechanical properties, and a process for producing the magnetic core. The magnetic core is produced by compacting a powder of an iron -based soft- magnetic material in which the particles have a resinous coating film formed on the surface, and then thermally hardening the compact. The resinous coating film is an uncured resinous coating film formed by dry-mixing the powder with an epoxy resin containing a latent hardener at a temperature that is not lower than the softening temperature of the epoxy resin and is lower than the thermal- hardening initiation temperature thereof. The compaction is production of a compact using a mold. The thermal hardening is conducted at a temperature which is not lower than the thermal- hardening initiation temperature of the epoxy resin containing a latent hardener.

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

(21) Application No.3536/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: HOT DIP GALVANIZED STEEL SHEET

(51) International classification: C23C2/06,C21D9/46,C22C38/00 (71) Name of Applicant:

(31) Priority Document No :2012273010 (32) Priority Date :14/12/2012 (33) Name of priority country

:Japan (86) International Application :PCT/JP2013/007149

:05/12/2013 Filing Date

(87) International Publication :WO 2014/091724

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1) JFE STEEL CORPORATION

Address of Applicant: 2-3, Uchisaiwai-cho 2-chome,

Chiyoda -ku ,Tokyo 1000011 Japan

(72) Name of Inventor: 1)SUZUKI Yoshitsugu

2)MIYATA Mai

3)NAGATAKI Yasunobu

(57) Abstract:

Provided is a hot-dip-galvanized steel sheet which exhibits excellent appearance, post-pressing plating adhesion, spot-welding properties, and post-pressing/post-coating corrosion resistance. This hot-dip-galvanized steel sheet has a yield stress (YS) of 260-350MPa, inclusive, and has: a steel sheet comprising a composition containing, in mass%, C in the amount of 0.05 0.1%, inclusive, Si in the amount of 0.10% or less, Mn in the amount of 0.30-0.70% inclusive, P in the amount of 0.040% or less, S in the amount of 0.010% or less, N in the amount of 0.005% or less, and Al in the amount of 0.10% or less, with Fe and inevitable impurities constituting the remainder; a hot-dip galvanized layer containing Al in the amount of 0.3-0.6 mass%, inclusive, and formed on at least part of the surface of the steel sheet; and an intermetallic compound present between the steel sheet and the hot dip galvanized layer, and containing Al in the amount of 0.12gm-2 to 0.22gm-2, inclusive, and Fe2Al5 having an average particle diameter of 1 µm or less.

No. of Pages: 40 No. of Claims: 2

(22) Date of filing of Application :23/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : METHOD OF MANUFACTURES A MOTOR VEHICLE REAR FLOOR AND REAR FLOOR PRODUCED USING SUCH A METHOD

 (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 	:B62D25/08 :1260299 :29/10/2012 :France :PCT/FR2013/052501 :21/10/2013 :WO 2014/068215 :NA :NA	(71)Name of Applicant: 1)RENAULT S.A.S. Address of Applicant: 13- 15 Quai Le Gallo, F- 92100 Boulogne Billancourt France (72)Name of Inventor: 1)VERO, Emmanuel 2)VIVERO, Francois 3)DJEKOUANE, Karim
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The method of manufacture according to the invention is intended for the creation of a motor vehicle rear floor (10a; 10b; 10c) produced from a sheet metal blank of dimensions predetermined according to the version of rear floor (10a; 10b; 10c) considered , the method involving various successive operations ,each operation being associated with at least one determined tool. The method of manufacture is characterized in that , being intended for the creation of several versions of rear floor (10a; 10b; 10c) each one corresponding to a different configuration of motor vehicle , the method includes at least one operation that is identical irrespective of the version of floor (10a; 10b; 10c) that is to be produced , which operation is performed using at least one tool that is common to all the versions of rear floor (10a; 10b; 10c).

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

(22) Date of filing of Application :23/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: IMIDE COMPOUND, METHOD FOR MANUFACTURING SAME, AND USE AS INSECTICIDE

(51) International :C07C237/42,A01N37/18,A01P7/04 classification

(31) Priority Document No :NA (32) Priority Date :NA

(33) Name of priority country: NA

(86) International Application: PCT/JP2012/075844

:04/10/2012 Filing Date

(87) International Publication :WO 2014/054158

(61) Patent of Addition to :NA

Application Number :NA Filing Date

(62) Divisional to Application:NA Number :NA Filing Date

(71)Name of Applicant:

1)MITSUI CHEMICALS, AGRO, INC.

Address of Applicant: 1-19-1, Nihonbashi, Chuo-ku, Tokyo

103-0027 Japan

(72) Name of Inventor:

1)Yasuaki FUKAZAWA

2) Hironari OICURA

3)Toshiyuki KOHNO

4)Teruko KAWAGUCHI

5)Takeo WAKITA

(57) Abstract:

The present invention provides an imide compound expressed by general formula (1), and an insecticide containing the imide compound. In the formula, Ai, A2, A3, and A4, each represent a carbon atom, a nitrogen atom, or an oxidized nitrogen atom; R represents a hydrogen atom an optionally substituted alkyl group, or an optionally substituted C2- C4 alkylcarbonyl group; Gi and G2 each represent an oxygen atom or a sulfur atom; X may be the same or different and represents a hydrogen atom, a halogen atom, a C1- C3 alkyl group, or a trifluoromethyl group; n represents an integer from 0 to 4; and Q1 and Q2 represent an optionally substituted phenyl group, an optionally substituted naphthyl group, or an optionally substituted heterocyclic group.

No. of Pages: 106 No. of Claims: 10

(21) Application No.3445/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :23/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: BLENDS OF POLYPHENYLSULFONES AND POLYPHENYLENE SULFIDES

:C08J5/00,C08K3/00,C08L63/00 (71)Name of Applicant : (51) International classification

(31) Priority Document No :61/749177 (32) Priority Date :04/01/2013

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

(86) International Application :PCT/US2013/075644 No

:17/12/2013 Filing Date

(87) International Publication No: WO 2014/107297

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)SABIC GLOBAL TECHNOLOGIES B.V.

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Zoom Netherlands

(72) Name of Inventor:

1)SANNER, Mark A.

2)SHETH, Kapil Chandrakant; 3)RAMALINGAM, Hariharan;

(57) Abstract:

Blends of a polyphenylsulfone; a polyphenylene sulfide; and a polyetherimide and an epoxy. The polyetherimide and epoxy are present in an amount effective to act as a compatibilizer for the polyphenylsulfone and polyphenylene sulfide. Methods of compatibilizing a blend of polyphenylsulfone and polyphenylene sulfide can include melt mixing a polyphenylsulfone and a polyetherimide; and melt mixing a polyphenylene sulfide and an epoxy.

No. of Pages: 25 No. of Claims: 22

(22) Date of filing of Application :27/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : DIGITAL MULTI USE THERMO CUP DEVICE AND A FLUID ANALYSIS METHOD RELATING THERETO

 (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 	:G01N1/44,A47G23/04 :13/725998 :21/12/2012 :U.S.A. :PCT/US2013/076836 :20/12/2013 :WO 2014/100550 :NA :NA	(71)Name of Applicant: 1)HALLIBURTON ENERGY SERVICES INC. Address of Applicant:10200 Bellaire Boulevard, Houston, TX 77072 U.S.A. (72)Name of Inventor: 1)BHAIDASNA, Ketan, C. 2)BELL, Christopher, R. 3)LOOP, Justin, T. 4)TCHERNIN, Viatcheslav
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A multi- use thermal cup device is provided that includes a cup , a sensor , a thermometer , a user interface , and an electronic controller. The cup has at least one heating element disposed between its inner and outer walls. Electro- mechanical connection points are included on the outer wall of the cup and the electronic controller , which are sized to allow the controller to be connected to the cup at a distance sufficient to insulate the controller from heat dispersed from the cup. An insulating air gap is formed between the cup and the electronic controller to protect the controller from any dissipating heat. The controller is programmable to direct the power supply to the heat conductors and to control the function of any device connected to the sensor in response to information received from the sensor and the user- defined sampling parameters.

No. of Pages: 30 No. of Claims: 19

(22) Date of filing of Application :23/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: PROCESS FOR PREPARING A FISCHER TROPSCH CATALYST

(51) International classification: B01J37/08,B01J37/00,B01J37/18 (71) Name of Applicant: :2012/08038 1)SASOL TECHNOLOGY (PROPRIETARY) LIMITED (31) Priority Document No (32) Priority Date :24/10/2012 Address of Applicant: 1 Sturdee Avenue, Rosebank, 2196 Johannesburg South Africa (33) Name of priority country :South Africa (72) Name of Inventor: (86) International Application :PCT/IB2013/059167 1)VAN RENSBURG, Hendrik :07/10/2013 Filing Date (87) International Publication :WO 2014/064563 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A process for preparing a cobalt- containing hydrocarbon synthesis catalyst includes, in a carbide formation step, treating an initial catalyst precursor comprising a catalyst support supporting cobalt and/or a cobalt compound, with a CO containing gas at a temperature T. T is from 200°C to 280°C. The cobalt or cobalt compound is converted to cobalt carbide thereby obtaining a cobalt carbide containing catalyst precursor. The CO containing gas (when it contains H 2) does not have a CO to H 2 molar ratio equal to or less than 33:1. The carbide formation step is carried out under non-oxidative conditions. In a subsequent activation step, the cobalt carbide containing catalyst precursor is subjected to treatment with a hydrogen containing gas at a temperature T 2. T 2 is at least 300°C. The cobalt carbide is converted to cobalt metal thereby activating the cobalt carbide containing catalyst precursor and obtaining a cobalt -containing hydrocarbon synthesis catalyst.

No. of Pages: 39 No. of Claims: 13

(21) Application No.3454/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :23/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: METHOD OF PREPARATION OF a-GALACTOSYL CERAMIDES COMPOUNDS

(51) International classification	:C07H15/04,C07H15/18	(71)Name of Applicant:
(31) Priority Document No	:12306355.4	1)WITTYCELL
(32) Priority Date	:30/10/2012	Address of Applicant :8bis rue Gabriel Voisin, F-5 1100
(33) Name of priority country	:EPO	Reims France
(86) International Application No	:PCT/EP2013/072711	(72)Name of Inventor:
Filing Date	:30/10/2013	1)SERRA ,Vincent
(87) International Publication No	:WO 2014/067995	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a method of preparation of a galactosyl ceramides compounds of formula (I) comprising a step a) of glycosylation of a compound of formula (II) with a compound of formula (III).

No. of Pages: 37 No. of Claims: 14

(22) Date of filing of Application :27/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: AZAQUINAZOLINE CARBOXAMIDE DERIVATIVES

		(71)Name of Applicant: 1)MERCK PATENT GMBH Address of Applicant: 250 Frankfurter Strasse, 64293
		Darmstadt Germany
(51) International classification	:C07D403/12,A61K31/519,A61K31/53	2)COUTOPOULOS Andross
(31) Priority Document No	o:61/731075	4)BOIVIN, Roch
(32) Priority Date	:29/11/2012	5)CHEN, Xiaoling
(33) Name of priority	:U.S.A.	6)NEAGU, Constantin
country	.0.5.71.	7)CRONIN,Mark W., Jr.
(86) International	:PCT/US2013/072141	8)DESELM, Lizbeth Celeste
Application No Filing Date	:27/11/2013	9)POTNICK, Justin
(87) International		10)LAN, Ruoxi 11)HUCK, Bayard R.
Publication No	:WO 2014/085528	(72)Name of Inventor:
(61) Patent of Addition to		1)HUCK, Bayard R.
Application Number	:NA	2)LAN, Ruoxi
Filing Date	:NA	3)POTNICK, Justin
(62) Divisional to	:NA	4)DESELM ,Lizbeth Celeste
Application Number	:NA	5)CRONIN, Mark W. "Jr.
Filing Date	.NA	6)NEAGU, Constantin
		7)CHEN, Xiaoling
		8)BOIVIN, Roch
		9)JOHNSON ,Theresa L.
		10)GOUTOPOULOS, Andreas

(57) Abstract:

Novel azaquinazoline carboxamide derivatives of formula (I) wherein W1, W2, W3, W4, R1, R2, R3, and m which are defined above, are p70S6K inhibitor, and can be employed, inter alia, for the treatment of hyperproliferative disorders.

No. of Pages: 108 No. of Claims: 20

(21) Application No.3544/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : IMPROVED VENOUS ENDOLUMINAL DEVICE FOR THE TREATMENT OF DEFECTS OF THE VEINS

(33) Name of priority country :Italy Piedimonte Etn (86) International Application No :PCT/IB2013/056283 (72)Name of In	Applicant :Via S. Giuseppe, 8, I- 95017 neo, Catania Italy
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(57) Abstract:

A venous endoluminal device (100) in particular for the treatment of defects of the veins, is provided with a substantially tubular body (10) which defines an inner lumen and comprises support modules (1) oriented longitudinally and joined , in a distal direction, by distal bridges (112) and in a proximal direction, by proximal bridges (122). Each support module (1) comprises a distal section (111), extending in a distal direction beyond the distal bridges (112), wherein the distal section (111) is at least partially projecting in a radial direction, internally in relation to the inner lumen of the body (1).

No. of Pages: 35 No. of Claims: 16

(21) Application No.3545/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : A SLIDE RING , A SHAFT , A MECHANICAL SEAL ,A HOUSING AND A ROTOR FOR A FLOW MACHINE AND A FLOW MACHINE

 (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 	:22/01/2014 :WO 2014/122015 :NA :NA	(71)Name of Applicant: 1)SULZER MANAGEMENT AG Address of Applicant: Neuwiesenstrasse 15, CH -8401 Winterthur Switzerland (72)Name of Inventor: 1)MANNINEN, Heikki
Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a new kind of a slide ring (110, 112, 114, 116) and a mechanical seal, so called slide ring seal used, for example, for sealing a shaft space of a centrifugal pump in relation to a pumping space thereof. The present invention also relates to coupling said mechanical seal to a housing (130), to a shaft (120) and to a rotor (142) of a flow machine.

No. of Pages: 34 No. of Claims: 7

(22) Date of filing of Application :27/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: CELLULOSE ETHER CONTAINING CATIONIC GROUP

(51) International :C08B11/145,A61K8/73,A61Q5/00 classification

(31) Priority Document No :2012264636

(32) Priority Date :03/12/2012 (33) Name of priority country :Japan

(86) International Application

:PCT/JP2013/082355

:02/12/2013 Filing Date

(87) International Publication :WO 2014/087968

(61) Patent of Addition to **Application Number**

:NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant: 1)KAO CORPORATION

Address of Applicant: 14-10, Nihonbashi Kayabacho 1-

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(72) Name of Inventor:

1)MIYOSHI Eisuke

2)YAMAZAKI Naoyuki 3)YAMAGUCHI Yumi

4)FUJII Ryosuke

(57) Abstract:

Provided are: a cellulose ether containing a cationic group, which can impart an excellent slipperiness and an excellent long- lasting feeling of the slipperiness during rinsing, excellent smoothness hair upon finger -combing, excellent softness and an excellent coated feeling to hair when added to a hair cleansing agent, and can impart an excellent moisturized feeling after drying to skin when added to a skin cleansing agent; and a surfactant composition, a hair cleansing agent composition, a skin cleansing agent composition, a hair conditioning agent composition and a hair treating agent composition, each of which contains the cellulose ether. [1] A cellulose ether containing a cationic group, which has a main chain derived from anhydroglucose, wherein the degree of substitution of a cationized oxyalkylene group is 0.01 to 1.0 inclusive, the degree of substitution of a glycerol group is 0.5 to 5.0 inclusive and the degree of substitution of a group having a specific structure containing a C3-7 hydrocarbon group is 0.0001 to 0.2 inclusive per the anhydroglucose unit; [2] a surfactant composition comprising the cellulose ether containing a cationic group, a surfactant and water; [3] a hair cleansing agent composition and a skin cleansing agent composition, each comprising the cellulose ether containing a cationic group a surfactant and water; [4] a hair conditioning agent composition comprising the cellulose ether containing a cationic group, a surfactant, an oily agent and water; and [5] a hair treating agent composition comprising the cellulose ether containing a cationic group and at least one treating agent selected from a dye for hair dyeing use, an oxidizing agent, an alkali agent and a keratin -reducing agent.

No. of Pages: 231 No. of Claims: 30

(22) Date of filing of Application :23/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: PHOTOGRAPHING METHOD, DEVICE AND TERMINAL

 (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 	:25/07/2013 :WO 2013/170834	(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)LIU Changshan 2)SHI Xiaoyu 3)LIU Ruining
Filing Date	:25/07/2013	1)LIU Changshan
Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	4)ZUO Xiaofei 5)NING Haiyan

(57) Abstract:

Provided are a photographing method, device and terminal. The method comprises: in the case of determining that the actual data of a current photographing posture is out of a predetermined range of photographing posture reference values, a photographing device reminding a user to adjust the photographing posture of the photographing device through visualized information, wherein the predetermined range of photographing posture reference values is a range of standard values of photographing effects in different photographing modes; and during the adjusting process, when detecting that the actual data of the current photographing posture falls into the predetermined range of photographing posture reference values the photographing device reminding the user that the actual data of the current photographing posture falls into the predetermined range of photographing posture reference values, and carrying out photographing. The invention solves the problem in the related art that a user cannot get a reminder more visibly and conveniently to conduct a corresponding adjustment during the photographing process, thereby increasing the effectiveness of the photographing reminder and facilitating improving the user experience.

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

(21) Application No.3464/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :23/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: BOILER STRUCTURE AND METHOD OF ASSEMBLY

(51) International classification	:F22B37/24	(71)Name of Applicant:
(31) Priority Document No	:1217746.5	1)DOOSAN BABCOCK LIMITED
(32) Priority Date	:04/10/2012	Address of Applicant :Doosan House, Crawley Business
(33) Name of priority country	:U.K.	Quarter, Manor Royal, Crawley, Sussex RH10 9AD U.K.
(86) International Application No	:PCT/GB2013/052521	(72)Name of Inventor:
Filing Date	:27/09/2013	1)ZAMAN ,Dewan Shamsuz
(87) International Publication No	:WO 2014/053809	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A support structure for a boiler envelope, for example being the boiler envelope of a boiler thermal plant, a boiler structure so supported, and a method of supporting a boiler, are described. The support structure includes a support platform structure (15) comprising a part of the primary load bearing boiler cold structure for the boiler envelope, and adapted to engage with and thereby carry at least a major part of the static load of the boiler envelope. The support platform structure is provided surroundingly about the boiler envelope at a support platform level substantially below full envelope height and provided with associated further boiler cold structure in such manner that at least the substantial majority of the boiler cold structure is at or below the support platform level and only elements of the boiler hot structure and the boiler pressure parts extend above the support platform level supported by the boiler cold structure.

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

(21) Application No.3557/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: ELECTRIC STORAGE APPARATUS

(51) International :H01M2/10,H01M2/20,H01M10/50 classification

(31) Priority Document No :NA (32) Priority Date :NA

(33) Name of priority country: NA (86) International Application

:PCT/JP2012/007716

:30/11/2012 Filing Date

(87) International Publication

:WO 2014/083600

(61) Patent of Addition to **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)TOYOTA JIDOSHA KABUSHIKI KAISHA

Address of Applicant: 1, Toyota -cho, Toyota - shi, Aichi 471-

8571 Japan

(72) Name of Inventor:

1)KUSABA .Kosuke

2)FUJIWARA, Nobuyoshi

3)ASAKURA, Kazuma

(57) Abstract:

In order to efficiently adjust temperatures of electric storage elements using a heat exchange medium, an electric storage apparatus (1) has a plurality of electric storage elements (10), a bus bar (60) which electrically connects the electric storage elements to each other and a case (40) that houses the electric storage elements. Each of the electric storage elements extends in the predetermined direction, and has a positive electrode terminal (11) and a negative electrode terminal (12) at both the ends thereof in the predetermined direction. The electric storage elements are disposed by being aligned with each other within a plane orthogonal to the predetermined direction. The case has openings (44a, 44b) that pass through the heat exchange medium, and the openings extend in the predetermined direction. A part (60c) of the bus bar extends in the predetermined direction, and is disposed along a case wall surface (43b) having the openings formed therein, said part being disposed at a position different from the openings.

No. of Pages: 42 No. of Claims: 11

(21) Application No.3460/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :23/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: EXHAUST -GAS TURBOCHARGER

(51) International classification(31) Priority Document No(32) Priority Date	:F02B29/04,F01D25/08 :102012020226.1 :15/10/2012	(71)Name of Applicant: 1)BORGWARNER INC. Address of Applicant: Patent Department, 3850 Hamlin Road,
(33) Name of priority country	:Germany	Auburn Hills, Michigan 48326 U.S.A.
(86) International Application No	:PCT/US2013/062947	(72)Name of Inventor:
Filing Date	:02/10/2013	1)KREWINKEL, Robert;
(87) International Publication No	:WO 2014/062372	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.ivA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to an exhaust -gas turbocharger (1) having a housing (2) which comprises a turbine housing (3), a bearing housing (4) and a compressor housing (5); and having a cooling device (10) which is integrated at least in the turbine housing (3) and which has a cooling device inlet (16), wherein a coolant swirling device (13) is arranged at the cooling device inlet (16).

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

(22) Date of filing of Application :23/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: TWIN -ROTOR ELECTRIC MOTOR WITH VARIABLE REVOLUTIONS AND TORQUE

(51) International :H02K16/02,H02K7/116,F16H48/04

classification

(31) Priority Document No :2012144460 (32) Priority Date :19/10/2012 (33) Name of priority country:Russia

(86) International :PCT/RU2013/000890

Application No :09/10/2013

Filing Date

(87) International Publication :WO 2014/062090

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to

:NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)KHADEEV ,Ravil Gafievich

Address of Applicant :ul. Gagarina, 44 .kv. 86 Kaluzhskaya

oblast, g. Obninsk, 249034 Russia

(72) Name of Inventor:

1)KHADEEV ,Ravil Gafievich

(57) Abstract:

The invention relates to the field of vehicle engineering and other mechanisms in which it is necessary to change the torque and revolutions of the driven shaft of an electric motor. In accordance with the invention, in an electric motor a differential transmission having one input and two outputs is used as the gear ratio transducer, the input of said differential transmission being connected to the rotor of the electric motor, and one of the outputs to which a high torque is transferred is connected to the driven shaft, while the other output is connected to the second rotor, which is inductively connected to the rotor of the electric motor and, when said rotors rotate reciprocally, generates electrical energy, and with a force arising in the process, whereby a change in said force, by changing the inductive connection between the rotors, makes it possible to control the acceleration rate, the torque and the rotation speed of the driven shaft.

No. of Pages: 7 No. of Claims: 1

(22) Date of filing of Application :23/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: POLYOLEFIN BLEND COMPOSITION

 (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 	:C08L23/08 :61/713153 :12/10/2012 :U.S.A. :PCT/US2013/062821 :01/10/2013 :WO 2014/058658 :NA :NA	(71)Name of Applicant: 1)DOW GLOBAL TECHNOLOGIES LLC Address of Applicant: 2040 Dow Center, Midland, MI 48674 U.S.A. (72)Name of Inventor: 1)WANG, Jian 2)KAPUR, Mridula 3)COOPER, James L.
Filing Date	:NA :NA	

(57) Abstract:

The instant invention provides a polyolefin blend composition suitable for extrusion coating or extrusion applications , and multilayer structure and articles made therefrom. The polyolefin blend composition suitable for extrusion coating or extrusion lamination applications according to the present invention comprises (a) a linear low density polyethylene composition comprising: less than or equal to 100 percent by weight of the units derived from ethylene; less than 35 percent by weight of units derived from one or more - olefin comonomers; wherein said polyethylene composition has a density in the range of 0.890 to 0.940 g/cm3 , a molecular weight distribution (Mw/Mn) in the range of 2.5 to 4.5, a melt index (I2) in the range of 4 to 30 g/10 minutes ,a molecular weight distribution (Mz/Mw) in the range of from 2.0 to 3 , vinyl unsaturation of less than 0.1 vinyls per one thousand carbon atoms present in the backbone of said composition , and a zero shear viscosity ratio (ZSVR) in the range from 1 to 1.2; and (b) less than 50 percent by weight of a low density polyethylene composition having a density in the range of 0.915 to 0.930 g/cm3 , a melt index (I2) in the range of 0.1 to 10 g/10 minutes, and a molecular weight distribution (Mw/Mn) in the range of 6 to 15.

No. of Pages: 33 No. of Claims: 2

(22) Date of filing of Application :27/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: NOVEL AMINE DERIVATIVE OR SALT THEREOF

(51) International :C07D209/08,A61K31/4035,A61K31/404 classification

:PCT/JP2013/079364

:WO 2014/069510

(31) Priority Document :2012240172

(32) Priority Date :31/10/2012

(33) Name of priority

country

:Japan

(86) International Application No

:30/10/2013 Filing Date

(87) International Publication No

(61) Patent of Addition :NA

to Application Number :NA Filing Date

(62) Divisional to :NA Application Number :NA Filing Date

(71)Name of Applicant:

1)TOYAMA CHEMICAL CO., LTD.

Address of Applicant: 2-5, Nishishinjuku 3-chome, Shinjuku

-ku .Tokvo 1600023 Japan

2) FUJIFILM CORPORATION

(72)Name of Inventor:

1)TANAKA Tadashi

2)KONISHI Yoshitake

3)KUBO Daisuke

4)FUJINO Masataka

5)DOI Issei

6)NAKAGAWA Daisuke

7)MURAKAMI Tatsuva 8)YAMAKAWA Takavuki

(57) Abstract:

A novel amine derivative ex pressed by general formula (1) (in the formula: G 1, G 2, and G are the same or different and represent C H or a nitrogen atom; R represents a colorine atom, an optionally-substituted C - cycloalkyl group, or the like; R 2 represents -COOR 5 (in the formula, R 5 represents a hydrogen atom or a carboxyl protective group), or the like; R 3 represents a hydrogen atom, or the like; and R 4 represents an optionally-substituted condensed bicyclic hydrocarbon group, an optionally-substituted bicyclic heterocyclic group, or the like, or a salt thereof is useful in procedures such as the treatment or prevention of conditions related to excessive keratinocyte proliferation.

No. of Pages: 521 No. of Claims: 19

(22) Date of filing of Application :24/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: SLAM-SHUT SAFETY DEVICE HAVING DISC ANTI-ROTATION

(51) International classification :F16K1/36,F16K1/48,F16K1/50 (71)Name of Applicant : (31) Priority Document No 1)EMERSON PROCESS MANAGEMENT REGULATOR :61/706585 (32) Priority Date :27/09/2012 TECHNOLOGIES, INC. (33) Name of priority country :U.S.A. Address of Applicant: 310 East University Drive, McKinney, (86) International Application No :PCT/US2013/061807 TX 75070 U.S.A. Filing Date (72) Name of Inventor: :26/09/2013 (87) International Publication No :WO 2014/052522 1)SANDERS, Jeffrey, Michael (61) Patent of Addition to 2)NGUYEN, Tung ,Kim :NA **Application Number** 3)MOLDOVAN, Cristian-tiberiu :NA Filing Date 4)ALEXANDRU -VLAD ,Roman (62) Divisional to Application 5)MOLDOVAN, Tiberiu :NA Number :NA Filing Date

(57) Abstract:

A slam- shut safety device includes a valve body (12) and defining a flow path, a valve disc (44) mounted on a valve disc support (42) is movable between an open first position spaced away from the valve seat (20) and a closed second position seated against the valve seat (20). A reset pin (36) is operatively coupled to the valve disc support (42) and is shiftable between an untripped position placing the valve disc in the open position and a tripped position placing the valve disc (44) in the closed position. An anti-rotation assembly (40) is carried by cooperating portions of the valve disc (44) and the valve disc support (42), with the anti-rotation assembly (40) comprising at least one protrusion and at least one receiving area sized to receive the protrusion, the anti-rotation assembly (40) arranged to stop rotation of the valve disc (44) relative to the valve disc support (42).

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

(22) Date of filing of Application :24/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: A METHOD OF NON -CONTACT MEASURING OF OUTER DIMENSIONS OF CROSS SECTIONS OF METALLURGICAL ROD MATERIAL AND A MODULAR FRAME FOR PERFORMING THEREOF

(51) International :G01B11/10,G01B11/24,G01B11/245

(31) Priority Document No :PV 2013762 (32) Priority Date :30/09/2013

(33) Name of priority country :Czech Republic

(86) International

Application No :PCT/CZ2013/000120

Filing Date :30/09/2013

(87) International Publication No :WO 2015/043554

(61) Patent of Addition to Application Number Filing Date :NA

(62) Divisional to
Application Number
Filing Date
:NA

(71)Name of Applicant:

1)VYSOK • Å KOLA B • NSK • - TECHNICK •

UNIVERZITA OSTRAVA

Address of Applicant: 17. listopadu 15, 708 33 Ostrava Poruba

Czech Republic

(72)Name of Inventor: 1)FOJT • K ,David 2)CERNAVA, Petr

(57) Abstract:

A method of continuous non- contact outer dimensions measuring of cross sections of metallurgical rod material consists in the following technical solution: at least three laser beams rotating in the same direction or oscillating laser beams of commonly calibrated and synchronized scanners evenly surround rod material so that the centres of the beams are aimed at the axis of the rod material repeatedly measuring the distance between the beginning of the coordinate systems of scanners and the surface of the scanned rod material; then the group of simultaneously measured distances is converted to point coordinates of the common coordinate system; using the groups of the common coordinate system, diameters and centres of gravity of the cross section of the rod material in the scanning plane are calculated; based on approximation of changes of the centres of gravity of the rod material in time at least one function of the cross movement is determined during profile scanning and using the function/s of the cross movement of the rod material during one beam deflecting cycle the coordinates are converted of the measured points of the corresponding profile to eliminate the cross movement and offsetting of rod material during one scanning sequence in order to obtain the actual profile of rod material. The basis of the modular frame fitted with at least one scanner and wiring according to the invention consists in it having a polygonal shape with vertexes formed by at least one connecting elbow and at least two anchoring elbows whereas these connecting elbows and anchoring elbows are connected by connecting arms and these arms are fitted (using sleeve fixtures) with protective housings for the scanners and the modular frame carries a distribution system for at least one cooling medium.

No. of Pages: 38 No. of Claims: 6

(22) Date of filing of Application :27/04/2015

(43) Publication Date: 20/11/2015

(54) Title of the invention : ABRASIVE PARTICLES HAVING PARTICULAR SHAPES AND METHODS OF FORMING SUCH PARTICLES

Address of Ap

(51) International classification :B24D3/20,C09K3/14,C09C1/68 (31) Priority Document No :61/714028

(32) Priority Date :15/10/2012(33) Name of priority country :U.S.A.

(86) International Application No:PCT/US2013/065085

Filing Date :15/10/2013 (87) International Publication No :WO 2014/062701

(61) Patent of Addition to Application Number :NA Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date

(71)Name of Applicant:

1)SAINT GOBAIN ABRASIVES INC.

Address of Applicant :One New Bond Street Worcester

Massachusetts 01615 U.S.A.

2)SAINT GOBAIN ABRASIFS

(72)Name of Inventor: 1)GAETA, Anthony C.

2)SETH, Anuj

 ${\bf 3)} ARCONA \ , Christopher$

4)YENER, Doruk O.

5)CZEREPINSKI "Jennifer H.

6)IYENGAR ,Sujatha 7)CSILLAG ,Frank J.

8)RICE, William C.

9)KAYYAR-MAHABALA, Satyalakshmi;

10)LAFOND, Gregory G.

11)WIJESOORIYA ,Sidath S. 12)LIOR ,Adam D.

13)BRANDES, Alan J. 14)PARMAR, Anil 15)BRAUN ,Paul 16)EVERTS ,Darrell K.

(57) Abstract:

An abrasive article comprising a first group including a plurality of shaped abrasive particles overlying a backing wherein the plurality of shaped abrasive particles of the first group define a first non- shadowing distribution relative to each other.

No. of Pages: 96 No. of Claims: 58

(21) Application No.3567/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/04/2015 (43) Publication Date : 20/11/2015

:NA

(54) Title of the invention : FLUTED SPROCKET/COG BORE FOR REDUCED MACHINING CYCLE TIMES AND REDUCED TOOL WEAR

(51) International classification :F16H55/30,F16H55/36 (71)Name of Applicant : (31) Priority Document No 1)BORGWARNER INC. :61/715615 (32) Priority Date Address of Applicant: Patent Department, 3850 Hamlin Road, :18/10/2012 (33) Name of priority country Auburn Hills , Michigan 48326 U.S.A. :U.S.A. (86) International Application No :PCT/US2013/062951 (72) Name of Inventor: Filing Date :02/10/2013 1)BLACKMUR, Shawn, J. (87) International Publication No :WO 2014/062374 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA

(57) Abstract:

Filing Date

A rotary member (10) of an endless loop power transmission system can have a hub (12) for a centered connection to a shaft. The hub (12) can have a central aperture (18) extending therethrough and a plurality of radially inwardly projecting and axially extending flutes (14) formed on an inner circumferential surface (16) of the central aperture (18) defining reduced circumferential surface areas (16a) for machining a central bore (18a) through the hub (12). An interrupted finishing machining cut along the reduced circumferential surface areas (16a) of the central aperture (18) provides increased coolant flushing, while reducing finishing machining cycle times, and reducing load and wear on a bore cutter.

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

(21) Application No.1295/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :15/05/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention : PYRAZOLE LINKED BENZIMIDAZOLE CONJUGATES AND A PROCESS FOR PREPARATION THEREOF

(51) International classification	:C08G61/02	(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 - 110001, INDIA. Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)AHMED KAMAL
(61) Patent of Addition to Application Number	:NA	2)ANVER BASHA SHAIK
Filing Date	:NA	3)GAJJELA BHARATH KUMAR
(62) Divisional to Application Number	:NA	4)VANGALA SANTHOSH REDDY
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

The present invention relates to a compound of formula A. The process for the synthesis of pyrazole linked benzimidazole conjugates is also described. The compounds are useful as potential antitumor agents against human cancer cell lines.

No. of Pages: 44 No. of Claims: 8

(21) Application No.3466/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :23/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: SOLAR CELL MANUFACTURING METHOD

(51) International :H01L31/0224,H01L31/18,H01L21/28

(31) Priority Document No :2012221850 (32) Priority Date :04/10/2012

(32) Priority Date :04/10/2012 (33) Name of priority

country :Japan

(86) International :PCT/JP2013/072490

Application No Filing Date :23/08/2013

(87) International

Publication No :WO 2014/054350

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to

(62) Divisional to
Application Number :NA
:NA

Filing Date

(71)Name of Applicant:

1)SHIN- ETSU CHEMICAL CO. ,LTD.

Address of Applicant :6-1, Ohtemachi 2- chome ,Chiyoda- ku

,Tokyo 100-0004 Japan (72)Name of Inventor: 1)MURAKAMI, Takashi 2)WATABE, Takenori 3)OTSUKA Hiroyuki

(57) Abstract:

The present invention relates to a method for manufacturing a solar cell having excellent long- term reliability and high efficiency , said method including: a step (7) for applying a paste- like electrode agent to an antireflection film formed on the light receiving surface side of a semiconductor substrate having at least a pn junction, said electrode agent containing a conductive material; and an electrode firing step (9) having local heat treatment (step (9a)) for applying heat such that at least a part of the conductive material is fired by irradiating merely the electrode agent- applied portion with a laser beam , and whole body heat treatment (step (9b)) for heating the whole semiconductor substrate to a temperature below 800°C.

No. of Pages: 24 No. of Claims: 5

(21) Application No.3467/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :23/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: A FERMENTATION PROCESS

 (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 	:29/11/2013 :WO 2014/085756 :NA :NA	(71)Name of Applicant: 1)LANZATECH NEW ZEALAND LIMITED Address of Applicant: 24 Balfour Road, Parnell, Auckland 1052 New Zealand (72)Name of Inventor: 1)SIMPSON, Sean Dennis 2)BERNASEK, Sebastian Michal
<u>e</u>	:NA :NA	

(57) Abstract:

The invention provides methods and systems for the production of lipid products from a gaseous substrate using a two stage fermentation process. The method comprises providing a gaseous substrate comprising CO or CO2 and H2 or mixtures thereof , to a first bioreactor containing a culture or one or more microorganisms and fermenting the substrate to produce acetate. The acetate from the first bioreactor is then provided to a second bioreactor , where it is used as a substrate for fermentation to lipids by one or more microalgae.

No. of Pages: 34 No. of Claims: 22

(21) Application No.3468/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : MOBILE SENDER CONTROLLED DATA ACCESS AND DATA DELETION METHOD AND SYSTEM

 (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 	:G06F15/16 :61/744332 :24/09/2012 :U.S.A. :PCT/IB2013/058826 :24/09/2013 :WO 2014/045268	(71)Name of Applicant: 1)SPEEDE, Claremont Address of Applicant: 9500 Cheltenham Dr., Brandywine ,Maryland 20613 U.S.A. (72)Name of Inventor: 1)SPEEDE, Claremont
<u>e</u>		1)SPEEDE , Claremont
` /	:WO 2014/045268	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	37.4	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method and system are provided for remotely deleting data stored on the remote mobile communication device, and within the communication network, by initiating a delete command, or setting data time of existence when creating the data, from a sender mobile communication device.

No. of Pages: 40 No. of Claims: 15

(22) Date of filing of Application :27/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : IMAGE PROCESSING APPARATUS AND CONTROL METHOD THEREOF AND IMAGE PROCESSING SYSTEM

 (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 	:18/01/2013 :WO 2014/051219 :NA :NA	(71)Name of Applicant: 1)SAMSUNG ELECTRONICS CO., LTD. Address of Applicant: Yeongtong- gu, 129, Samsung -ro, Suwon -si, Gyeonggi -do 443- 742 Republic of Korea (72)Name of Inventor: 1)LEE ,Joo- yeong 2)PARK, Sang- shin
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

An image processing apparatus including: image processor which processes broadcasting signal to display image based on processed broadcasting signal; communication unit which is connected to a server; a voice input unit which receives a user s speech; a voice processor which processes a performance of a preset corresponding operation according to a voice command corresponding to the speech; and a controller which processes the voice command corresponding to the speech through one of the voice processor and the server if the speech is input through the voice input unit. If the voice command includes a keyword relating to a call sign of a broadcasting channel, the controller controls one of the voice processor and the server to select a recommended call sign corresponding to the keyword according to a predetermined selection condition, and performs a corresponding operation under the voice command with respect to the broadcasting channel of the recommended call sign.

No. of Pages: 29 No. of Claims: 15

(21) Application No.3369/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :21/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: PRESSURE RELIEF DEVICE HAVING A LASER- DEFINED LINE OF OPENING

:F16K17/14,F16K17/40 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)FIKE CORPORATION :61/720800 (32) Priority Date :31/10/2012 Address of Applicant: 704 South 10th Street, Blue Springs, (33) Name of priority country Missouri 64015 U.S.A. :U.S.A. (86) International Application No :PCT/US2013/067392 (72) Name of Inventor: Filing Date :30/10/2013 1)WALKER, Joe :WO 2014/070827 (87) International Publication No 2)SHAW, Bon (61) Patent of Addition to Application 3)KREBILL, Michael :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A pressure relief device and method of making the same are provided. The pressure relief device includes an over pressure relief area with a plurality of co-linear spaced apart recesses located thereon. Gap segments are interspersed between the recesses to define a line of opening having desired performance characteristics during opening of the over- pressure relief area.

No. of Pages: 31 No. of Claims: 38

(21) Application No.3458/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :23/04/2015

(43) Publication Date: 20/11/2015

(54) Title of the invention: CLOSURE PIECE IN PARTICULAR A SYRINGE CLOSURE PIECE FOR CLOSING A DISTAL OPENING OF A SYRINGE BODY IN A SEALED MANNER

(51) International :A61M5/50,A61M39/20,A61M5/32 classification

(31) Priority Document No :PCT/EP2012/005063

(32) Priority Date :07/12/2012

(33) Name of priority country: EPO

(86) International Application :PCT/EP2013/001688

No :10/06/2013 Filing Date

(87) International Publication :WO 2014/086437

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant: 1)SCHOTT SCHWEIZ AG

Address of Applicant :St. Josefen- Str. 20, CH- 9001 St.

Gallen Switzerland (72)Name of Inventor: 1)KCK ,Mustafa 2) HUBER, Christoph 3)KUSOGULLARI, Levent 4)FISCHER, Bastian

5)JEN-FI ,Katharina 6)FETOSHI, Qazim

(57) Abstract:

The invention relates to a closure piece, in particular a syringe closure piece for closing a distal opening (4) of a syringe cone of a syringe body, for example, in a sealed manner, wherein the closure piece, in particular the syringe closure piece, comprises a fastening element (3) which is or can be arranged on the syringe body about the distal opening, in particular on the syringe cone, and which is in particular a Luer lock or a Luer lock adapter (3.1), and a closure cap (20) which closes the distal opening, for example the syringe cone, in a sealed manner and which is connected releasably to the fastening element. The invention is characterized in that the closure cap, in the area of the fastening element, is connected by material bonding, preferably exclusively by material bonding, to the fastening element, in particular to the Luer lock or the Luer lock adapter, by at least one connection point or one connection surface, and the closure cap comprises a hard area (30) and an elastomer part (10), wherein the elastomer part securely closes the distal opening in particular by simply being placed on or enclosing a short portion in the area of a tip of the distal opening.

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

(21) Application No.3459/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :23/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: USES OF UV CURABLE POLYTHIOETHER SEALANTS FOR SEALING FASTENERS AND FOR **SMOOTHING SURFACES**

(51) International :C08G75/02,C08G75/12,C08K5/548

classification

(31) Priority Document No :13/659074 (32) Priority Date :24/10/2012 (33) Name of priority country:U.S.A.

(86) International :PCT/US2013/063982

Application No :09/10/2013 Filing Date

(87) International Publication :WO 2014/066039

(61) Patent of Addition to :NA

Application Number :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)PRC- DESOTO INTERNATIONAL, INC.

Address of Applicant: 12780 San Fernando Road, Sylmar,

California 91342 U.S.A. (72) Name of Inventor: 1)VIRNELSON, Bruce;

(57) Abstract:

UV curable sealants, methods for making the sealants, and method for using the sealants are disclosed. The UV curable sealants may be used in seal caps useful to seal fasteners in aerospace fuel tanks. The UV curable sealants may also be used to smooth defects in surfaces such as aerospace surfaces.

No. of Pages: 56 No. of Claims: 25

(21) Application No.3550/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: THERMOPLASTIC MEMBRANES CONTAINING EXPANDABLE GRAPHITE

A multi-layered membrane comprising a first thermoplastic first layer and a second thermoplastic layer, where the second layer

(51) International classification: B32B27/08,B32B27/18,E04D5/10 (71) Name of Applicant:

(31) Priority Document No :61/727354 (32) Priority Date :16/11/2012

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

(86) International Application :PCT/US2013/070490

:18/11/2013 Filing Date

(87) International Publication :WO 2014/078760

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

1)FIRESTONE BUILDING PRODUCTS CO. LLC Address of Applicant :250 West 96th Street, Indianapolis

Indiana 46260 U.S.A.

(72) Name of Inventor: 1) HUBBARD, Michael, J. 2)ZHOU, Wensheng

3) CARR, Joseph

includes expandable graphite.

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

(21) Application No.3551/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : HIGH ISOTACTIV PP RESIN WITH WIDE MELTING DISTRIBUTION HAVING IMPROVED BOPP FILM PROPERTIES AND EASY PROCESSING CHARACTERISTICS

(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	:C08F110/06,C08J5/18,H01G4/18 :12193044.0 :16/11/2012 :EPO :PCT/EP2013/073175 :06/11/2013 :WO 2014/075971 :NA :NA	(71)Name of Applicant: 1)BOREALIS AG Address of Applicant: IZD Tower, Wagramer Strae 17- 19, A - 1220 Vienna Austria (72)Name of Inventor: 1)NEISSL, Wolfgang 2)GLOGER, Dietrich 3)POTTER, Gregory 4)TRANCHIDA, Davide
(62) Divisional to Application Number Filing Date	:NA :NA	

⁽⁵⁷⁾ Abstract:

The present invention relates to a new biaxially oriented polypropylene (BOPP) film, a process for the preparation of such film as well as the use of a polypropylene for the preparation of such film and an article comprising such film.

No. of Pages: 51 No. of Claims: 14

(22) Date of filing of Application :27/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: RICE-PLANTING MACHINE

(51) International :B60K17/32,A01C11/02,B60K17/04 classification

(31) Priority Document No :2012241943 (32) Priority Date :01/11/2012

(33) Name of priority country: Japan

(86) International :PCT/JP2013/079699

Application No :01/11/2013 Filing Date

(87) International Publication :WO 2014/069627

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant: 1)YANMAR CO.,LTD.

Address of Applicant: 1-9, Tsurunocho Kita, ku Osaka-shi

Osaka 5308311 Japan (72)Name of Inventor: 1)KURODA Tomoyuki 2) INOUE Makoto

(57) Abstract:

The present invention addresses the problem of reducing manufacturing cost of a group of models as a whole by facilitating common use of front axle cases and the like among rice-planting machine models having different treads between right and left wheels. This rice planting machine is equipped with: a traveling machine body (1) on which an engine (8) and a transmission case (9) are mounted; and a rice-planting unit (4) that is attached in a liftable manner to the traveling machine body (1) via a linking mechanism (6). A pair of right and left front axle cases (10), which is located at an anterior part of the traveling machine body (1), is used to support front wheels (2). Rear axle cases (12), which are located at the posterior part of the traveling machine body (1), are used to support rear wheels (3). The upper ends of the respective front axle cases (10) are attached to a machine frame (7) of the traveling machine body (1). The front axle cases (10) are connected to the machine frame (7) in such a manner that the spacing therebetween can be adjusted to increase or decrease in the horizontal direction.

No. of Pages: 123 No. of Claims: 3

(22) Date of filing of Application :23/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: APPARATUSES AND METHODS FOR BONDING SUBSTRATES

:NA

(51) International classification	:A61F13/496,A61F13/15	(71)Name of Applicant :
(31) Priority Document No	:61/717268	1)THE PROCTER & GAMBLE COMPANY
(32) Priority Date	:23/10/2012	Address of Applicant :One Procter & Gamble Plaza,
(33) Name of priority country	:U.S.A.	Cincinnati ,OH 45202 U.S.A.
(86) International Application No	:PCT/US2013/065867	(72)Name of Inventor:
Filing Date	:21/10/2013	1)ORDWAY, David ,Carlton
(87) International Publication No	:WO 2014/066224	2)FRANKE, Jillian ,Marie
(61) Patent of Addition to Application	:NA	3)HUANG ,Gene, Xiaoqing
Number	:NA	4)SCHNEIDER ,Uwe
Filing Date	.IVA	5)LONG, Michael ,Devin
(62) Divisional to Application Number	:NA	

(57) Abstract:

Filing Date

A method includes rotating a drum about an axis and rotating an anvil roll about an axis adjacent to the drum so as to form a nip there between. The drum includes a fluid nozzle and a press member , the press member having an outer surface. The anvil roll includes a compliant outer circumferential surface. First and second substrates are advanced in a machine direction onto the drum. The fluid nozzle moves radially outward and a jet of heated fluid is directed onto the substrates. The fluid nozzle retracts radially inward and the press member is shifted radially outward. The substrates are advanced through the nip and compressed between the press member and the anvil roll such that the press member deforms the compliant outer circumferential surface of the anvil roll.

No. of Pages: 52 No. of Claims: 15

(22) Date of filing of Application :27/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: WORK MACHINE AND WORK VOLUME MEASUREMENT METHOD FOR WORK MACHINE

 (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 	:2012254755 :20/11/2012 :Japan	(71)Name of Applicant: 1)KOMATSU LTD. Address of Applicant:2- 3- 6, Akasaka, Minato- ku, Tokyo 1078414 Japan (72)Name of Inventor: 1)NAGATO, Atsushi 2)UEDA, Masamichi 3)SASAKI Jun
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(57) Abstract:

A work machine that, in order to readily and with high precision count the number of times a sequence of digging and loading mechanism operations such as digging and loading work occurs, comprises: a time-integration unit (31b) that calculates a time integrated value for a physical amount output in accordance with the operation of operation levers (41, 42); a determination unit (31c) that associates the time-integrated value and a prescribed operation angle of the digging and loading mechanism that is consequent upon the operation of the operation levers (41, 42) and, if the time-integrated value is at least a prescribed integrated value, determines that the operation levers (41, 42) have been operated; a counting unit (31d,) that if each operation of the digging and loading mechanism that has been determined has occurred in a prescribed order, counts the number of times a sequence of digging and loading work has occurred, counting as one time the sequence of digging and loading mechanism operations that have occurred in the prescribed order; and a mode detection unit (31e) that detects a specific operation state having no relation to the sequence of digging and loading mechanism operations, in a state in which the digging and loading mechanism operations in relation to the sequence of digging and loading work, if the specific operation state occurs.

No. of Pages: 72 No. of Claims: 9

(22) Date of filing of Application :27/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR USING AN IMMUNOSTAINING MASK TO SELECTIVELY REFINE ISH ANALYSIS RESULTS

 (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 	:13/693406 :04/12/2012 :U.S.A. :PCT/US2013/068425 :05/11/2013 :WO 2014/088744 :NA :NA	(71)Name of Applicant: 1)GENERAL ELECTRIC COMPANY Address of Applicant: One River Road, Schenectady, New York 12345 U.S.A. (72)Name of Inventor: 1)SEPPO,Antti 2)AL-KOFAHI,Yousef 3)PADFIELD,Dirk,Ryan
Filing Date	:NA	

(57) Abstract:

A computer -implemented method of processing image data representing biological units in a tissue sample includes receiving a first image of the tissue sample containing signals from an immunofluorescent (IF) morphological marker , wherein the tissue sample is stained with the IF morphological marker , and receiving a second image of the same tissue sample containing signals from a fluorescent probe, wherein the tissue sample is hybridized in situ with the fluorescent probe. The method further includes classifying each biological unit in the tissue sample into one of at least two classes based on a mean intensity of the signals from the IF morphological marker in the first image , performing a fluorescence in situ hybridization (FISH) analysis of the tissue sample in the second image to obtain results therefrom , and filtering the results of the FISH analysis to produce a subset of the results pertaining to biological units classified in one class.

No. of Pages: 57 No. of Claims: 28

(22) Date of filing of Application :22/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : SUPER- HIGH STRENGTH FERRITIC STEEL REINFORCED WITH NANO- INTERMETALLICS AND MANUFACTURING METHOD THEREOF

 (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 	:13/03/2014 :WO 2014/139451 :NA :NA	(71)Name of Applicant: 1)CITY UNIVERSITY OF HONG KONG Address of Applicant: Of 83 Tat Chee Avenue, Kowloon, Hong Kong China (72)Name of Inventor: 1)LIU, Chain-tsuan 2)JIAO, Zengbao
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A super- high strength ferritic steel reinforced with nano -intermetallics and a manufacturing method thereof. The super- high strength ferritic steel comprises the following components in percentage by weight: 0-0.2% of C, 2% -15% of Ni, 0-10% of Mi, 0.5-6% of Al, 0-4% of Cu, 0-12% of Cr, 0-3% of Mo, 0-3% of Mo, 0-0.5% of V, 0-0.5% of Ni, 0-0.5% of Ni, 0-1% of Ni, 0.0005-0.05% of Ni, 0-1% of Ni, 0-1%

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

(21) Application No.3479/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: DIFFUSION BARRIER LAYER FOR CANS

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:102012219514.9	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:25/10/2012	Address of Applicant: Wittelsbacherplatz 2, 80333 M¼nchen
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2013/069925	(72)Name of Inventor:
Filing Date	:25/09/2013	1)BODE, Ralf
(87) International Publication No	:WO 2014/063894	
(61) Patent of Addition to Application	.NI A	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a can for an electric motor. The invention relates to a can for an electric motor , especially for an electric motor in a compressor , the can being at least partially provided with an ethyl silicate coating. The invention further relates to a method for producing a can of said kind.

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

(21) Application No.3571/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : FLAVORED DRINKING WATERS AND METHODS FOR IMPROVING HYDRATION FOR ANIMALS

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:61/722391	1)NESTEC SA
(32) Priority Date	:05/11/2012	Address of Applicant : Avenue Nestle 55, CH -1800 Vevey
(33) Name of priority country	:U.S.A.	Switzerland
(86) International Application No	:PCT/US2013/068218	(72)Name of Inventor:
Filing Date	:04/11/2013	1)WOODWARD ,Gary, J.
(87) International Publication No	:WO 2014/071276	2)SHE, Manjuan ,Jenny
(61) Patent of Addition to Application	:NA	3)LYN ,Sandra
Number		4)LECOUTEUX ,Claude
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention provides flavored drinking water additives and flavored drinking water compositions. The invention also provides methods for increasing water consumption by an animal and improving hydration for animals using the flavored drinking water additives and flavored drinking water compositions of the present invention.

No. of Pages: 14 No. of Claims: 17

(21) Application No.3572/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: ANTIBODIES TO INTERLEUKIN -6 AND USES THEREOF

(51) International :C07K16/24,A61K39/395,A61P35/00 classification

(31) Priority Document No :61/716802

(32) Priority Date :22/10/2012 (33) Name of priority

:U.S.A. country

(86) International :PCT/US2013/065668 Application No

:18/10/2013 Filing Date

(87) International

:WO 2014/066167 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)FOUNTAIN BIOPHARMA INC.

Address of Applicant: 19f-1, No. 3 Yuan Ou St., Nangang

District, Taipei Taiwan Roc, 115 Taiwan

(72)Name of Inventor:

1)LIN, Willie

2)LEE ,Tong- Youn 3)WU, Han- Chung 4)TSAO ,Tanny Chen

(57) Abstract:

The present disclosure provides antibodies that bind to human interleukin- 6 (IL6). The antibodies can modulate IL6 signaling and thus used in treatment or prevention of IL6 associated diseases or disorders, particularly inflammatory disorder, rheumatoid arthritis (RA), angiogenesis, and cancer.

No. of Pages: 86 No. of Claims: 42

(22) Date of filing of Application :27/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: SEQUENCING METHOD

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:C12Q1/68 :1217772.1 :04/10/2012 :U.K. :PCT/GB2013/052595	(71)Name of Applicant: 1)BASE4 INNOVATION LTD Address of Applicant: Broers Building, JJ Thomson Avenue, Cambrige Cambridgeshire CB3 0FA U.K. (72)Name of Inventor:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:WO 2014/053854 :NA	1)FRAYLING ,Cameron Alexander 2)BALMFORTH, Barnaby 3)SOARES ,Bruno Flavio Nogueira de Sousa 4)ISAAC, Thomas Henry
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	5)BREINER, Boris 6)NATALE ,Alessandra 7)AMASIO, Michele

(57) Abstract:

Disclosed is a method for sequencing a polynucleotide analyte comprising: a. generating a stream of droplets containing a single nucleotide wherein the order of single nucleotides in the droplet stream corresponds to the sequence of nucleotides in the analyte; b. introducing into each droplet a plurality of biological probe types each type comprising a different label in an undetectable state and being adapted to capture a different single nucleotide; c. causing the single nucleotide contained in the droplet to bind to its complementary probe and d. causing the label to be released from the probe that has bound the nucleotide in a detectable state. The probe is a dumbbell shaped probe comprising fluorescent donor and quencher labels and a single nucleotide gap. After gap repair by a polymerase and a ligase, a restriction enzyme recognition site is cleaved by a restriction enzyme, followed by exonuclease digestion to release the labels.

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

(21) Application No.1311/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :17/05/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention : A POWER FACTOR CORRECTION BASED BRIDGELESS CANONICL SWITCHING CELL CONVERTER FED BRUSHLES DC MOTOR DRIVE FOR LOW POWER APPLICATIONS •

 (51) International classification (31) Priority Document No (2) Priority Date (33) Name of priority country (86) International Application No 	:H02M 1/10 :NA :NA :NA :NA	(71)Name of Applicant: 1)INDIAN INSTITUTE OF TECHNOLOGY DELHI Address of Applicant: Hauz Khas, New Delhi 110 016, India Delhi India (72)Name of Inventor: 1)SINGH, Bhim
Filing Date (87) International Publication No	:NA : NA	2)BIST, Vashist
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a power factor correction (PFC) drive using a Bridgeless-Canonical Switching Cell (BL-CSC) converter and a Brushless DC (BLDC) motor for low power application to achieve power factor correction and improved power quality at AC mains for a wide range of speed control. Fig. 4

No. of Pages: 39 No. of Claims: 11

(21) Application No.3408/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :22/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: ORAL CARE COMPOSITIONS FOR TOOTH WHITENING

(51) International classification :A61K8/25,A61Q11/00,A61K8/81 (71)Name of Applicant : (31) Priority Document No 1) COLGATE -PALMOLIVE COMPANY :NA (32) Priority Date Address of Applicant :300 Park Avenue, New York, New :NA (33) Name of priority country :NA York 10022 U.S.A. (72) Name of Inventor: (86) International Application :PCT/US2012/069849 1)FEI .Lin :14/12/2012 Filing Date 2)MANDADI ,Prakasarao (87) International Publication 3)CHOPRA, Suman :WO 2014/092732 4)PRENCIPE, Michael (61) Patent of Addition to :NA

Application Number :NA
Filing Date (62) Divisional to Application
Number :NA

Filing Date :NA

(57) Abstract:

Described herein are oral care compositions (for tooth whitening) comprising a thickening system comprising a first thickening agent, and a second thickening agent wherein the first thickening agent comprises greater than 15 wt% of the mixture of the first and second thickening agents in the thickening system. The compositions comprise crosslinked polyvinylpyrrolidone complexed with hydrogen peroxide with a thickening system comprising silica and crosslinked polyvinylpyrrolidone.

No. of Pages: 22 No. of Claims: 15

(21) Application No.3409/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :22/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: COLOUR IMAGING OF SECURITY DOCUMENT PRECURSORS

(51) International classification(31) Priority Document No(32) Priority Date	:B41M3/14,B41M5/34,B41M5/30 :12192155.5 :12/11/2012	1)AGFA- GEVAERT
(32) Phonty Date (33) Name of priority country	:EPO	Address of Applicant :IP Department 3622, Septestraat 27, B - 2640 Mortsel Belgium
(86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:PCT/EP2013/073014 :05/11/2013 :WO 2014/072275 :NA :NA	(72)Name of Inventor: 1)WAUMANS, Bart; 2)CALLANT, Paul; 3)AERTS, Bart;
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method of producing a security document including the steps of producing a first part of a colour image by colour laser marking a security document precursor; and producing a second part of the colour image by a second imaging technique different from laser marking. The resulting security document is more difficult to falsify.

No. of Pages: 43 No. of Claims: 15

(21) Application No.3410/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :22/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: METHOD OF PREPARING A BARRIER FILM FOR BLISTER PACKS

 (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 	:C08J7/00 :12198387.8 :20/12/2012 :EPO :PCT/EP2013/076706 :16/12/2013 :WO 2014/095723 :NA :NA :NA	(71)Name of Applicant: 1)AGFA- GEVAERT Address of Applicant: IP Department 3622, Septestraat 27, B- 2640 Mortsel Belgium (72)Name of Inventor: 1)DEPLA, Anouschka; 2)MUES, Willem; 3)BRIES, Peter; 4)QUINTENS, Dirk;
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(57) Abstract:

A method for preparing a barrier film comprising the steps of: (i) providing a substrate; (ii) applying in a single coating step an polymer latex on the substrate to form a single layer of the polymer on the substrate (iii) drying the single layer of the polymer; characterized in that the single layer has a dry coating weight (DCW) of at least 20 g/m of polymer and is dried at a dry temperature (Td) of at least the film formation temperature (Tf) the polymer latex at a relative humidity (RH) according to the following formula: $RH = 15 + 1.25 \, DCW$.

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

(21) Application No.3499/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: IL -6 ANTAGONISTS AND USES THEREOF

(51) International classification	:C07K16/24,A61P27/02	(71)Name of Applicant:
(31) Priority Document No	:61/723972	1)ELEVEN BIOTHERAPEUTICS, INC.
(32) Priority Date	:08/11/2012	Address of Applicant :215 First Street, Suite 400, Cambridge
(33) Name of priority country	:U.S.A.	,MA 02142 U.S.A.
(86) International Application No	:PCT/US2013/069279	(72)Name of Inventor:
Filing Date	:08/11/2013	1)SCHMIDT, Michael, M.;
(87) International Publication No	:WO 2014/074905	2)ERBE, David, V.;
(61) Patent of Addition to Application	:NA	3)BARNES,Thomas, M.;
Number	:NA	4)FURFINE, Eric, Steven;
Filing Date	.NA	5)TISDALE, Alison;
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

IL -6 antagonists are provided that are specific for binding to site II of IL -6. Methods of using such inhibitors to treat IL -6 related diseases, e.g., disease of the eye such as diabetic macular edema are disclosed.

No. of Pages: 94 No. of Claims: 36

(22) Date of filing of Application :28/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : SYSTEMS AND METHODS OF MONITORING PERFORMANCE OF ACOUSTIC ECHO CANCELLATION

 (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 	:11/10/2013 :WO 2014/070417 :NA :NA	(71)Name of Applicant: 1)CITRIX SYSTEMS, INC. Address of Applicant:851 West Cypress Creek Road, Fort Lauderdale, Florida 33309 U.S.A. (72)Name of Inventor: 1)WINTERSTEIN, Florian
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Methods and systems monitoring performance of acoustic echo cancellation are described. An audio output is generated by applying a first acoustic echo cancellation algorithm to an audio input. One or more performance metrics for the first acoustic echo cancellation algorithm based on the audio output are determined via a second acoustic echo cancellation algorithm. The first acoustic echo cancellation algorithm is different from the second acoustic echo cancellation algorithm. The one or more performance metrics are provided for storage in a memory.

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

(21) Application No.3581/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :28/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: FUSED HETEROCYCLIC COMPOUNDS AS SELECTIVE BMP INHIBITORS

(51) International :A61K31/437,A61K31/438,A61K31/357

classification

(31) Priority Document :61/707661

(32) Priority Date :28/09/2012

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

country (86) International

:PCT/US2013/032588 Application No

:15/03/2013 Filing Date

(87) International :WO 2014/051698 Publication No

(61) Patent of Addition :NA to Application Number :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)VANDERBILT UNIVERSITY

Address of Applicant :305 Kirkland Hall, Nashville, TN 37240

U.S.A.

(72) Name of Inventor:

1) HOPKINS, Corey, R.; et.al

2)HONG, Charles C. 3)LINDSLEY, Craig W. 4)ENGERS ,Darren W.

(57) Abstract:

The present invention provides small molecule inhibitors of BMP signaling. These compounds may be used to modulate cell growth, differentiation, proliferation, and apoptosis, and thus may be useful for treating diseases or conditions associated with BMP signaling, including inflammation, cardiovascular disease, hematological disease, cancer, and bone disorders, as well as for modulating cellular differentiation and/or proliferation.

No. of Pages: 132 No. of Claims: 41

(22) Date of filing of Application :24/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : DEVICE FOR PACKAGING AND COOKING POPCORN AND AUTOMATED METHOD FOR CLOSING SUCH A 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 	:B65D5/10,B65D81/34 :NA :NA :NA :NA :PCT/FR2012/052467 :26/10/2012 :WO 2014/064342 :NA :NA	(71)Name of Applicant: 1)BERTHAULT ,Fran§ois Address of Applicant: 70 Avenue de Bordeaux, F -17240 Saint Genis De Saintonge France (72)Name of Inventor: 1)BERTHAULT, Fran§ois
. ,		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a packaging and cooking device including a bottom (16), a top and four side walls (18.1, 18.3), each of which includes a first fold line parallel to and slightly distant from the bottom (16), a second fold line parallel to the first fold line, two opposing side walls including two diagonal fold lines in the portion of the side walls located above the first fold line, the top including two flaps (34.1, 34.2), each having a free edge and connected to two opposing side walls (18.1, 18.3) and a hooking system enabling the flaps to be held in closed position, characterized in that the hooking system includes a tab (46) connected to the free edge of a first flap (34.1) and a cut- out (64), provided in a second flap (34.2), in which the tab (46) can be inserted in an insertion direction said cut- out (64) extending in a direction that is approximately perpendicular to the insertion direction and including a projecting shape that is offset relative to the ends thereof and oriented in the direction opposite to the insertion direction.

No. of Pages: 24 No. of Claims: 13

(22) Date of filing of Application :27/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: BIOLOGICAL PROBES AND THE USE THEREOF

(51) International classification	:C12Q1/68	(71)Name of Applicant :
(31) Priority Document No	:1217770.5	1)BASE4 INNOVATION LTD
(32) Priority Date	:04/10/2012	Address of Applicant :Broers Building, JJ Thomson Avenue,
(33) Name of priority country	:U.K.	Cambridge, Cambridgeshire CB3 0FA U.K.
(86) International Application No	:PCT/GB2013/052594	(72)Name of Inventor:
Filing Date	:04/10/2013	1)FRAYLING ,Cameron Alexander
(87) International Publication No	:WO 2014/053853	2)BALMFORTH, Barnaby
(61) Patent of Addition to Application	:NA	3)SOARES ,Bruno Flavio Nogueira de Sousa
Number	:NA	4)ISAAC, Thomas Henry
Filing Date	.11/11	5)BREINER ,Boris
(62) Divisional to Application Number	:NA	6)NATALE, Alessandra
Filing Date	:NA	7)AMASIO, Michele

(57) Abstract:

Disclosed is a biological probe characterised in that it comprises a single- stranded nucleotide region the ends of which are attached to two different oligonucleotide regions wherein at least one of the oligonucleotide regions comprises detectable elements having a characteristic detection property and wherein the detectable elements are so arranged on the oligonucleotide region that the detectable property is less detectable than when the same number detectable elements are bound to a corresponding number of single nucleotides. The biological probe is especially useful for capturing single nucleotides or single stranded nucleotides to create a used probe which can be degraded by means of a restriction enzyme and an exonuclease to generate single nucleotides carrying a detectable element in a form which can be detected. Typically the detectable elements are fluorophores and the corresponding characteristic fluorescence is rendered undetectable in the probe by for example the use of multiple adjacent fluorophores or mixtures of fluorophores and quenchers attached thereto. Preferably the single stranded nucleotide region is comprised of a single nucleotide whose associated nucleotide base is one of the characteristic of the nucleotides bases found in DNA or RNA.

No. of Pages: 19 No. of Claims: 27

(21) Application No.3575/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 27/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: SYNBIOTIC COMPOSITION AND USE THEREOF

(51) International :A23L1/30,A23L1/308,A61K31/702

classification

(31) Priority Document No :12194906.9 (32) Priority Date :29/11/2012 (33) Name of priority country: EPO

(86) International Application: PCT/EP2013/075157

:29/11/2013 Filing Date

(87) International Publication :WO 2014/083177 No

(61) Patent of Addition to :NA Application Number

:NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)NESTEC S.A.

Address of Applicant : Avenue Nestl 55, CH- 1800 Vevey

Switzerland

(72)Name of Inventor:

1)WANG, Dantong

2) SCHAFFER- LEQUART, Christelle

3)BENYACOUB, Jalil 4) VOLERY, Pascal 5) CHUAT, Jean - Yves

(57) Abstract:

The invention relates to a synbiotic composition, its use for use the establishment and/or the maintenance of a healthy gut environment, as well as food compositions comprising said synbiotic composition.

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

(21) Application No.3576/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: LOW VOLATILITY HERBICIDAL COMPOSITIONS

(51) International classification :A01N37/02,A01N37/40,A01N39/04

(31) Priority Document No :61/722700 (32) Priority Date :05/11/2012 (33) Name of priority

country :U.S.A.

(86) International Application No :PCT/US2013/068507

Filing Date :05/11/2013

(87) International :WO 2014/071374

(61) Patent of Addition to
Application Number
Filing Date
(22) Picticipal to

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:

1)MONSANTO TECHNOLOGY LLC

Address of Applicant: 800 North Lindbergh Boulevard, St.

Louis, Missouri 63167 U.S.A. (72)Name of Inventor:

1)HEMMINGHAUS, John W.

2)MACINNES ,Alison 3)WRIGHT, Daniel R. 4)ZHANG, Junhua

(57) Abstract:

The present invention relates generally low volatility herbicidal compositions comprising at least one auxin herbicide and at least one monocarboxylic acid, or monocarboxylate thereof. The invention further relates generally to methods for preparing and using such low volatility herbicidal compositions, including methods for controlling auxin- susceptible plant growth on agricultural and non - agricultural lands.

No. of Pages: 105 No. of Claims: 42

(21) Application No.3485/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/04/2015

(43) Publication Date: 20/11/2015

(54) Title of the invention: FERRITIC HEAT-RESISTANT CAST STEEL WITH EXCELLENT MACHINABILITY AND EXHAUST COMPONENT CONSISTING OF SAME

(51) International :C22C38/00,C22C38/60,F01N13/16

classification (31) Priority Document No :2012224740

(32) Priority Date :10/10/2012 (33) Name of priority country: Japan

(86) International Application :PCT/JP2013/077048

No :04/10/2013 Filing Date

(87) International Publication: WO 2014/057875

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number

:NA Filing Date

(71)Name of Applicant:

1)HITACHI METALS, LTD.

Address of Applicant: 2-1, Shibaura 1-chome, Minato-ku

Tokyo 1058614 Japan (72)Name of Inventor:

1)KATSURAGI Susumu 2)KAWABATA Masahide 3)SAKUTA Tomonori

4)MORISHITA Kana 5)INOUE Kenichi

(57) Abstract:

A ferritic heat-resistant cast steel with excellent machinability, containing by mass 0.32 to 0.48% C, at most 0.85% Si, 0.1 to 2% Mn, at most 1.5% Ni, 16 to 23% Cr, 3.2 to 5% Nb, at most 0.15% N, 0.05 to 0.2% S, 0.01 to 0.08% Al, and balance Fe and unavoidable impurities with the Nb/C ratio being 9 to 11.5; and an exhaust component which consists of the same.

No. of Pages: 50 No. of Claims: 5

(22) Date of filing of Application :24/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: METHOD AND COMPOSITION FOR WATER PURIFICATION AND SLUDGE DEWATERING

(51) International classification: C02F1/28,B01J20/04,C02F101/10 (71) Name of Applicant:

(31) Priority Document No :10 2012 021 103.1

(32) Priority Date :26/10/2012

(33) Name of priority country :Germany

(86) International Application :PCT/EP2013/072022 No

:22/10/2013 Filing Date

(87) International Publication

:WO 2014/064073

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1) CLARIANT INTERNATIONAL LTD.

Address of Applicant : Rothausstrae 61, CH- 4132 Muttenz

Switzerland

(72) Name of Inventor:

1)KUMMER, Gerhard

2) HARTAN, Hans -Georg

(57) Abstract:

The invention relates to a method for purifying water and for dewatering sludge, comprising the following steps: bringing a surfacetreated natural calcium carbonate, a natural bentonite and an anionic polymer into contact with the water or sludge, flakes being formed as a result of the agglomeration of particulate materials contained in said water, or sludge and separating said formed flakes so as to obtain purified water or separating water in order to obtain dewatered sludge. The surface- treated natural calcium carbonate is a product of a reaction of natural calcium carbonate with an acid and carbon dioxide, which is formed by the acid treatment and/or is fed from outside, and is produced as an aqueous suspension with a pH greater than 6.0 measured at 20°C. The invention also relates to a composition comprising said surface- treated natural calcium carbonate, a natural bentonite, and an anionic polymer, for the purpose of purifying water or dewatering sludge.

No. of Pages: 34 No. of Claims: 15

(21) Application No.3583/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :28/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: ROBOTIC DEVICE FOR ASSISTANCE AND REHABILITATION OF LOWER LIMBS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61H1/02 :RM2012A000482 :09/10/2012 :Italy :PCT/IB2013/059174 :07/10/2013	(71)Name of Applicant: 1)UNIVERSIT CAMPUS BIO- MEDICO DI ROMA Address of Applicant: Via • Ivaro del Portillo 21, I -00128 Rome Italy (72)Name of Inventor: 1)ACCOTO, Dino
(87) International Publication No	:WO 2014/057410	2)SERGI, Fabrizio
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)CARPINO, Giorgio 4)TAGLIAMONTE, Nevio, Luigi 5)GALZERANO, Simone
(62) Divisional to Application Number Filing Date	:NA :NA	6)DI PALO ,Michelangelo 7)GUGLIELMELLI ,Eugenio

(57) Abstract:

The present invention refers to a robotic device for assistance and rehabilitation of lower limbs, in particular, an exoskeleton for supporting the walking of a human being.

No. of Pages: 32 No. of Claims: 16

(22) Date of filing of Application :28/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: NOVEL COMPOUNDS, THEIR SYNTHESIS AND THEIR USES

(51) International classification :A61K31/4425 (71)Name of Applicant: (31) Priority Document No 1)SPHAERA PHARMA PTE LTD :3114/DEL/2012 (32) Priority Date Address of Applicant: 8 Temasek Boulevard, #22-03 Suntec :05/10/2012 (33) Name of priority country Tower 3, Singapore 038988 Singapore :India (72)Name of Inventor: (86) International Application No :PCT/IN2013/000607 1)DUGAR, Sundeep Filing Date :07/10/2013 (87) International Publication No :WO 2014/054058 2)HOLLINGER ,Frank ,Peter 3)MAHAJAN, Dinesh (61) Patent of Addition to Application :NA Number 4)DEOKAR ,Rhushikesh ,Chandrabhan :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The present invention discloses novel chemical compounds obtained by causing a covalent attachment of a modifying agent of the structure provided for formula 1, to a functional group or a heteroatom of a heterocyclic ring system in chemical com - o pound with improved chemical and biological properties; Wherein: Y is DRUG-CO; DRUG-OCO; DRUG-NRCO, and X is selec - ted from. With a provisio that the modification can be done at more than one functional group in the DRUG. Alternatively: Y is o DRUG-CR 1 R2, and X is COR, CONRR 2, COOR. With a provisio that the N of the drug is attached to CR 1 R2. With a provisio that the modification can be done at more than one functional group in the DRUG. G can be selected from iodide, chloride, bromide, mesylate, tosylate or tetra flouroborate or any other pharmaceutically acceptable anion. G can be either one or more counter ions to o balance the charge. R, R 1 and R2 are independently H, Ci-Cs straight or branched chain alkyl - optionally containing 1 -3 het eroatoms selected from O, N, S, SO, or SO2; 3-7 membered cycloalkyl optionally containing 1 -3 heteroatoms selected from O, N, S, o SO, or SO2 and or lower alkyl, straight or branched alkyl, alkoxy; alkaryl, aryl, heteroaryl, or alkheteroaryl; or is independently is in - dependently part of 3-7 membered ring optionally containing additional 1 -2 heteroatoms selected from, O, N, S, SO, SO2 and also be optionally substituted with alkoxy, F or CI. The present invention also discloses a method for obtaining these compounds

No. of Pages: 77 No. of Claims: 15

(22) Date of filing of Application :22/04/2015

(43) Publication Date: 20/11/2015

(54) Title of the invention : SUBSTITUTED N- (3- (PYRIMIDIN -4- YL)PHENYL)ACRYLAMIDE ANALOGS AS TYROSINE RECEPTOR KINASE BTK INHIBITORS

 (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 	:C07D239/24 :61/709519 :04/10/2012 :U.S.A. :PCT/US2013/063549 :04/10/2013 :WO 2014/055928 :NA :NA	(71)Name of Applicant: 1)UNIVERSITY OF UTAH RESEARCH FOUNDATION Address of Applicant:615 Arapeen Drive, Suite 301, Salt Lake City, UT 84108 U.S.A. (72)Name of Inventor: 1)VANKAYALAPATI, Hariprasad 2)SORNA, Venkataswamy 3)WARNER, Steven, L. 4)BEARSS, David, J. 5)SHARMA, Sunil
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(57) Abstract:

In one aspect, the invention relates to substituted N- (3 -(pyrimidin- 4 - yl)phenyl)acrylamide analogs, derivatives thereof and related compounds, which are useful as inhibitors of the BTK kinase; synthetic methods for making the compounds; pharmaceutical compositions comprising the compounds; and methods of using the compounds and compositions to treat disorders associated with dysfunction of the BTK kinase. This abstract is intended as a scanning tool for purposes of searching in the particular art and is not intended to be limiting of the present invention.

No. of Pages: 242 No. of Claims: 20

(22) Date of filing of Application :24/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: METHODS FOR FORMING GLASS ELLIPTICAL AND SPHERICAL SHELL MIRROR BLANKS

 (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 	:12306268.9 :12/10/2012 :EPO :PCT/US2013/063826 :08/10/2013 :WO 2014/058847	(71)Name of Applicant: 1)CORNING INCORPORATED Address of Applicant: 1 Riverfront Plaza, Corning, New York 14831 U.S.A. 2)DANNOUX, Thierry, Luc, Alain (72)Name of Inventor: 1)DANNOUX, Thierry, Luc, Alain
(86) International Application No	:PCT/US2013/063826	2)DANNOUX, Thierry, Luc, Alain
Filing Date	:08/10/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2014/058847	1)DANNOUX ,Thierry, Luc ,Alain
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method of producing glass focusing mirror blanks comprises providing a glass sheet, heating the glass sheet sufficiently to allow permanent deformation and reforming the glass sheet into an array of glass shell structures by either (1) pressing the sheet or (2) vacuum or differential pressure forming the sheet. Either (1) the step of pressing is performed using a positive mold surface comprising an array of protrusions pressed in contact with respective resulting inner concave surfaces and without contacting resulting respective outer convex surfaces of the shells or (2) the step of vacuum or differential- pressure forming is performed using a mold surface comprising an array of through holes with the shell structures formed by vacuum or differential pressure forming of the sheet against the mold surface without contacting the resulting respective outer convex surfaces or the resulting respective inner concave surfaces.

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

(21) Application No.3594/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :28/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: FILTER CARTRIDGE

(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 Filed on SB65D81/00 :60/644,094 :13/01/2005 :U.S.A. :PCT/US2006/00102 :12/01/2006 :NA :NA :NA :NA :5519/DELNP/2007 :17/07/2007	(71)Name of Applicant: 1)DONALDSON COMPANY, INC Address of Applicant:1400 WEST 94TH STREET P.O. Box 1299 Minneapolis, Minnesota 55440-1299, United States U.S.A. (72)Name of Inventor: 1)REICHTER, Gregory, L. 2)BISHOP, Wayne, R. W. 3)NELSON, Benny, Kevin 4)WEGNER, Darrel 5)CRENSHAW, Bruce, R. 6)KLADNITSKY, Vladimir 7)MILLER, Thomas, G. 8)MORK, Donald, Raymond 9)SCHRAGE, Kevin, J 10)OSENDORF, Richard, J. 11)KUEMPEL, Bradley, A. 12)LUNDGREN, Thomas, John 13)FLAGSTAD, Jordan, S.
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(57) Abstract:

The present invention relates to filter cartridge comprising: a media pack having an inlet face and an outlet face; the media pack comprising a stack of corrugated media secured to facing media; a housing seal arrangement defining a seal plane extending at an angle, Y, of at least 5°, relative to the outlet face.

No. of Pages: 37 No. of Claims: 12

(21) Application No.3595/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :28/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: METHOD OF PRODUCING AN AROMATISED FOOD OR BEVERAGE PRODUCT

(51) International classification :A23L2/56,A23F3/40,A23F5/46 (71)Name of Applicant : (31) Priority Document No :61/732041 1)NESTEC S.A. (32) Priority Date :30/11/2012 Address of Applicant : IP department, Avenue Nestl 55, CH -(33) Name of priority country 1800 Vevey Switzerland :U.S.A. (72)Name of Inventor: (86) International Application No :PCT/EP2013/075060 1)WESTFALL, Scott A. Filing Date :29/11/2013 (87) International Publication No: WO 2014/083146 2)WU,William (61) Patent of Addition to 3)BIRCH ,Annette Michelle :NA **Application Number** 4)SCARLATOS, Amber Christine :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

The present invention relates to a method of producing an aromatised food or beverage product, wherein an aroma fraction is obtained from a plant extract, said aroma fraction is being contacted with an oil to remove undesired aroma compounds, and the aroma fraction from which undesired compounds have been removed are combined with a food or beverage composition to produce an aromatised food or beverage product.

No. of Pages: 15 No. of Claims: 18

(22) Date of filing of Application :28/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: ENDOSCOPY DEVICES AND APPLICATIONS THEREOF

(51) International classification	:A61B1/00	(71)Name of Applicant:
(31) Priority Document No	:61/796099	1)SMART MEDICAL SYSTEMS LTD.
(32) Priority Date	:02/11/2012	Address of Applicant :10 Hayetzira Street, 43663 Raanana
(33) Name of priority country	:U.S.A.	Israel
(86) International Application No	:PCT/IL2013/050894	(72)Name of Inventor:
Filing Date	:31/10/2013	1)TERLIUC ,Gad
(87) International Publication No	:WO 2014/068569	2)LURIA ,Gilad
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A balloon catheter assembly including an elongate catheter tube including a lumen having a first cross sectional area a wire extending through the lumen, and an inflatable balloon mountably associated with the tube and the wire, the tube being formed with a plurality of balloon inflation apertures communicating with the lumen the apertures having a total aperture cross sectional area which exceeds the first cross sectional area and including at least two apertures being arranged at different azimuthal locations along the tube underlying the balloon and the balloon being characterized by an inflated state having a ratio of maximum inflated diameter to length of more than 0.4 and a corresponding deflated state wherein at least a first portion of the balloon is capable of being twisted relative to at least a second portion thereof, resulting in at least partial blockage of at least one but not all of the apertures.

No. of Pages: 66 No. of Claims: 74

(22) Date of filing of Application :24/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: METHOD FOR PRODUCING COPOLYMER LATEX FOR ADHESIVES

(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	C09J109/00 :2012244370 :06/11/2012 :Japan :PCT/JP2013/079878 :05/11/2013 :WO 2014/073525 :NA :NA	(71)Name of Applicant: 1)NIPPON A & L INC. Address of Applicant: Sumitomo Bldg. 5 -33, Kitahama 4 - Chome, Chuo- ku ,Osaka- shi, Osaka 541-8550 Japan (72)Name of Inventor: 1)TAKENAKA, Shun 2)TANEMURA ,Atsumi 3)MISAKI ,Kimio
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(57) Abstract:

This method for producing a copolymer latex for adhesives comprises: a step for subjecting a monomer composition (a) to emulsion polymerization, said monomer composition (a) containing from 35% by mass to 75% by mass (inclusive) of an aliphatic conjugated diene monomer, from 5% by mass to 25% by mass (inclusive) of a vinyl pyridine monomer and from 0% by mass to 60% by mass (inclusive) of another monomer that is copolymerizable with the aliphatic conjugated diene monomer and the vinyl pyridine monomer; and a step for adding a monomer composition (b) to the monomer composition (a) and subjecting the resulting mixture to emulsion polymerization when the polymer conversion rate of the monomer composition (a) is 30% or more but less than 60%, said monomer composition (b) containing from 35% by mass to 75% by mass (inclusive) of an aliphatic conjugated diene monomer, from 5% by mass to 25% by mass (inclusive) of a vinyl pyridine monomer and from 0% by mass to 60% by mass (inclusive) of another monomer that is copolymerizable with the aliphatic conjugated diene monomer and the vinyl pyridine monomer.

No. of Pages: 23 No. of Claims: 3

(22) Date of filing of Application :24/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: ZOOM LENS BARREL ASSEMBLY AND CAPTURING APPARATUS INCLUDING THE SAME

(51) International classification	:G03B3/02,G02B7/04,H04N5/225	(71)Name of Applicant:
(31) Priority Document No	:1020120110863	1)SAMSUNG ELECTRONICS CO., LTD.
(32) Priority Date	:05/10/2012	Address of Applicant :129 ,Samsung- ro, Yeongtong- gu,
(33) Name of priority country	:Republic of Korea	Suwon- si, Gyeonggi- do 443- 742 Republic of Korea
(86) International Application	:PCT/KR2013/003786	(72)Name of Inventor:
No	:02/05/2013	1)KANG ,Yoon- seok
Filing Date	.02/03/2013	
(87) International Publication	:WO 2014/054844	
No	. W O 2014/034044	
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.11/1	

(57) Abstract:

A zoom lens barrel assembly includes: a first zoom ring that supports a first lens group; a first guide ring of which the first zoom ring is disposed on an inner side, is cam -connected to the first zoom ring to cause the first lens group to move linearly along an optical axis direction by rotation; a second zoom ring that supports a second lens group and is cam -connected to the first guide ring to move linearly along the optical axis direction; a second guide ring; a second cylinder configured to move linearly along the optical axis direction to rotate the first guide ring; a second cylinder configured to move linearly along the optical axis direction together with the second zoom ring while being rotated; and an external cylinder including a third lens group and is camconnected to the second cylinder to cause the second cylinder to rotate.

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

(21) Application No.3598/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :28/04/2015

(43) Publication Date: 20/11/2015

(54) Title of the invention : DYNAMICALLY ADJUSTABLE FILAMENT CONTROL THROUGH FIRMWARE FOR MINIATURE X RAY SOURCE

 (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 	:H05G1/34 :13/683376 :21/11/2012 :U.S.A. :PCT/US2013/070592 :18/11/2013 :WO 2014/081670 :NA :NA	(71)Name of Applicant: 1)THERMO SCIENTIFIC PORTABLE ANALYTICAL INSTRUMENTS INC. Address of Applicant: 2 Radcliff Road, Tewksbury, MA 01876 U.S.A. (72)Name of Inventor: 1)CARUSO, David, J. 2)DINSMORE, Mark, T.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An x- ray beam control system includes a feedback control loop circuit (12) having a modulation circuit (16). The feedback control loop circuit generates a control signal. A x- ray tube (18) has a filament response profile of tube current versus filament temperature that is non- linear. A compensation circuit (14) receives the control signal and modifies the control signal according to a compensating function that is matched to the filament response profile. The modulation circuit receives the modified control signal and generates a drive signal. The x- ray tube receives the drive signal at a filament thereof, and outputs a tube current signal having a linear response to the control signal. The feedback control loop circuit receives the tube current signal.

No. of Pages: 23 No. of Claims: 28

(21) Application No.3599/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :28/04/2015

(43) Publication Date: 20/11/2015

(54) Title of the invention: DEVICE FOR PROVIDING A LIQUID ADDITIVE

 (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 	:F01N3/20 :10 2012 110 760.2 :09/11/2012 :Germany :PCT/EP2013/072454 :25/10/2013 :WO 2014/072192 :NA :NA	(71)Name of Applicant: 1)EMITEC GESELLSCHAFT FREMISSIONSTECHNOLOGIE MBH Address of Applicant: Hauptstrae 128, 53797 Lohmar Germany (72)Name of Inventor: 1)HODGSON, Jan 2)SCHEPERS, Sven
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a device (1) for providing a liquid additive having at least one tank (2) and a removal unit (3) for conveying the liquid additive out of the tank (2) to an additive consumer (4), wherein the tank (2) has a tank wall (5) and the removal unit (3) is mounted on a mounting section (6) of the tank wall (5), wherein the tank wall is made of an injection moulding compound (7), and integrated stiffening structures (8) are provided in the injection moulding compound (7) in the region of the mounting section (6).

No. of Pages: 27 No. of Claims: 11

(21) Application No.3418/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :22/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: EXTRUDED NUTRITIONAL POWDERS HAVING IMPROVED EMULSION STABILITY AND DISPERSIBILITY AND METHODS OF MANUFACTURING SAME

(51) International classification: A23P1/02, A23C11/00, A23C13/12 (71) Name of Applicant:

(31) Priority Document No :61/717799 (32) Priority Date :24/10/2012 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2013/066680

:24/10/2013 Filing Date

(87) International Publication

:WO 2014/066682

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)ABBOTT LABORATORIES

Address of Applicant :Dept. 377/AP6A -1, 100 Abbott Park

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2)ABBOTT GMBH & CO. KG

(72)Name of Inventor: 1)MAZER, Terrence 2) KESSLER, Thomas

3)DEWILLE, Normanella 4)WEARLY, Douglas 5)HEO ,Youngsuk

6)WESTEDT, Ulrich 7)KATZ,Garv 8)LAU, Eik -Lang

(57) Abstract:

Extruded nutritional powders and methods of manufacturing the extruded nutritional powders, including extruded infant nutritional powders and extruded adult nutritional powders are provided. The processes utilize an extruder that is capable of internally mixing and emulsifying protein, and optionally, a carbohydrate with fat and water into an emulsion that can be dried into a powder having equivalent fat separation and dispersibility as compared to spray dried powders.

No. of Pages: 41 No. of Claims: 43

(22) Date of filing of Application :22/04/2015 (43) Publication Date: 20/11/2015

:PCT/US2013/062025

:WO 2014/052659

:26/09/2013

(54) Title of the invention: CRYSTALLINE FORMS OF NEUROTROPHIN MIMETIC COMPOUNDS AND THEIR SALTS

(51) International (71)Name of Applicant: :C07D295/06,A61K31/5375,A61P25/00 1)PHARMATROPHIX, INC. classification (31) Priority Document Address of Applicant :2198 Sterling Avenue, Menlo Park, :61/706273 California 94025 U.S.A. (72) Name of Inventor: (32) Priority Date :27/09/2012 (33) Name of priority 1)MUNIGETI ,Rajgopal :U.S.A. country

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA

Application Number :NA Filing Date

(57) Abstract:

(86) International

Filing Date (87) International

Application No

Publication No

The present invention includes crystalline forms of 2- amino- 3- methyl- N- (2- morpholinoethyl)- pentanamide disulfate and crystalline forms of -2 - amino - 3 - methyl - N -(2 - morpholinoethyl) - pentanamide monosulfate. Furthermore, the present invention provides compositions comprising the crystalline forms and therapeutic use of the crystalline forms. In one embodiment, the crystalline compound is (2S, 3S) -2 -amino- 3- methyl- N -(2 -morpholinoethyl)- pentanamide.

No. of Pages: 80 No. of Claims: 27

(22) Date of filing of Application :24/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : VEHICLE WITH HYDRAULIC ASSISTANCE BY TRANSMITTING TORQUE FROM A DRIVING AXLE TO A DRIVEN AXLE

(51) International :B60K17/356,B60K17/36,B60K17/10

classification (31) Priority Document No :1259191

(32) Priority Date :28/09/2012
(33) Name of priority

country :France

(86) International PCT/EP2013/069519
Application No

Filing Date :19/09/2013

(87) International Publication No :WO 2014/048841

(61) Patent of Addition to
Application Number
Filing Date
(22) Principle (1997)

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:

1)POCLAIN HYDRAULICS INDUSTRIE

Address of Applicant :Route de Compi["]gne, F- 60410

Verberie France

(72)Name of Inventor:

1)HEREN, Jean

2)D'HERSIGNERIE, Cyrille

3)ALBERT ,Laurent 4)LAMBEY, Julien 5)RECOURA ,Clment 6)GOUZOU ,Christophe

(57) Abstract:

The present invention relates to a vehicle comprising a driving axle (10), a driven axle (20), a hydraulic pump (14) and a hydraulic motor (24) providing hydraulic assistance for driving the driven axle (20) by tapping off torque applied to the driving axle (10), characterized in that the driving axle (10) comprising a differential (11) thus defining two output half axles on which wheels are mounted, rotation of the box allowing said output half-axles to be rotationally driven at distinct speeds, the pump (14) comprising a rotor and a stator, the stator being mounted fixed with respect to the chassis and the rotor being connected to and rotating as one with the differential box (11), the hydraulic pumps (10) being rotationally driven at a speed equal to the average speed of the two half axles associated with the differential (11) on which this pump is mounted.

No. of Pages: 27 No. of Claims: 8

(21) Application No.3517/DELNP/2015 A

1)AMOGREENTECH CO., LTD.

Address of Applicant: 185 -1, Sucham-ri, Tongjin-eup,

(19) INDIA

(22) Date of filing of Application :25/04/2015

(43) Publication Date: 20/11/2015

(54) Title of the invention: COSMETIC SHEET FORMED FROM NANOFIBER WITH CONTROLLED DISSOLUTION VELOCITY AND METHOD FOR MANUFACTURING SAME

(51) International

:A45D44/22,D04H1/728,A61K8/02

classification

(31) Priority Document No :1020120118984

(32) Priority Date

:25/10/2012

(33) Name of priority country: Republic of Korea

No

(86) International Application :PCT/KR2013/009459

Filing Date

:23/10/2013

(87) International Publication :WO 2014/065579

:NA

:NA

(61) Patent of Addition to :NA

Application Number

Filing Date

(62) Divisional to Application :NA Number

Filing Date

Gimpo -si, Gyeonggi- do 415 -863 Republic of Korea (72) Name of Inventor:

(71)Name of Applicant:

1)KIM,Chan

(57) Abstract:

Provided is a cosmetic sheet formed from nanofiber that is obtained by preparing a spinning solution that is formed by dissolving a water-soluble polymer material together with a functional material in a solvent of water or alcohol, and electrospinning the spinning solution wherein the nanofiber has a controlled dissolution velocity and has fine pores. The water-soluble nanofiber layer can control a dissolution velocity by moisture or mist through crosslinking. The attached cosmetic sheet is a soluble melt-type such that the cosmetic sheet is naturally melted and absorbed into the skin, thereby being used in everyday life without having to be removed separately, and having excellent thin and adhesive properties.

No. of Pages: 27 No. of Claims: 11

(22) Date of filing of Application :28/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: EURYPHAGOUS SERICIN SILKWORM STRAIN AND METHOD FOR PRODUCING SAME

(51) International :A01K67/033,A01K67/04,C07K14/435 classification

(31) Priority Document No:2012235259 (32) Priority Date :25/10/2012

(33) Name of priority

:Japan country

(86) International :PCT/JP2013/078371 Application No

:18/10/2013 Filing Date

(87) International

:WO 2014/065217

:NA

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number**

Publication No

(57) Abstract:

Filing Date

(71)Name of Applicant:

1)NATIONAL INSTITUTE OF AGROBIOLOGICAL

SCIENCES

Address of Applicant: 1 2 Kannondai 2 chome Tsukuba shi

Ibaraki 3058602 Japan (72) Name of Inventor: 1)IIZUKA Tetsuva 2)OKADA Eiji

3)TATEMATSU Ken ichiro

The present invention addresses the problem of providing a method and the like for producing a euryphagous sericin silkworm strain that can also be raised throughout the entire larval stage thereof on low -cost artificial feed containing almost no mulberry leaf. Provided is a method of producing a euryphagous sericin silkworm strain that includes crossbreeding a euryphagous silkworm strain with a sericin silkworm strain having a mutation in a gene related to a synthesis pathway for fibroin and crossbreeding the obtained hybrid specimen at least twice with a euryphagous silkworm strain, then performing breeding within the resulting strain at least five times on the basis of the traits of the sericin silkworm strain and the traits of the euryphagous silkworm strain.

No. of Pages: 46 No. of Claims: 14

(21) Application No.3506/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: WIND TURBINE

(51) International classification: F03D11/00,F03D11/04,F03D7/02 (71)Name of Applicant:

:10 2012 220 502.0 (31) Priority Document No

(32) Priority Date :09/11/2012

(33) Name of priority country :Germany (86) International Application

:PCT/EP2013/071623 No

:16/10/2013 Filing Date

(87) International Publication :WO 2014/072157

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number :NA

Filing Date

1) WOBBEN PROPERTIES GMBH

Address of Applicant: Dreekamp 5, 26605 Aurich Germany

(72) Name of Inventor: 1)R-ER, Jochen

2)HOFFMANN, Alexander

(57) Abstract:

The invention relates to a wind turbine (100) with a nacelle (4), with a generator (12) arranged in the nacelle (4), with a tower (2) and with an azimuth bearing (24) for the adjustment of the nacelle (4) in terms of its orientation relative to the wind, wherein the azimuth bearing is arranged below the nacelle (4) by a vertical azimuth distance (26), and the nacelle (4) is supported on the azimuth bearing via a vertical shaft section (20) with a length corresponding to the azimuth distance (26).

No. of Pages: 18 No. of Claims: 11

(22) Date of filing of Application :24/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: VIRUS -CONTAINING FORMULATION AND USE THEREOF

(51) International classification	:A61K9/19,A61K39/00	(71)Name of Applicant :
(31) Priority Document No	:12306198.8	1)TRANSGENE SA
(32) Priority Date	:02/10/2012	Address of Applicant :Parc d'Innovation, Boulevard Gonthier
(33) Name of priority country	:EPO	d'Andernach, F' 67400 Illkirch Graffenstaden France
(86) International Application No	:PCT/EP2013/070590	(72)Name of Inventor:
Filing Date	:02/10/2013	1)SENE, Claude
(87) International Publication No	:WO 2014/053571	2)CHASLE, Mlina
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1171	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to formulation comprising (i) at least one virus- based material, (ii) at least one polymer selected in the group of polyvinylpyrrolidone and derivatives thereof, (iii) at least one sugar, (iv) at least two different amino acids, (v) at least two pharmaceutical acceptable salts, wherein at least one of said salts is a phosphate salt and ,optionally (vi) a pharmaceutical acceptable buffer. Such a formulation is particularly suitable for freeze -drying. The present invention also relates to the corresponding dry product, as well as its preparation process. The present invention also relates to a reconstituted material comprising said dry product, which can be administered to a patient in need thereof. Such formulation and reconstituted material are useful as vaccines, preferably for the treatment and/or the prevention of cancers, infectious diseases and/or autoimmune disorders.

No. of Pages: 66 No. of Claims: 23

(21) Application No.3508/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/04/2015

(43) Publication Date: 20/11/2015

(54) Title of the invention: METHOD FOR PROCESSING A FIBER -PLASTIC COMPOSITE OF A ROTOR BLADE, SEMIFINISHED PRODUCT IN THE FORM OF A BUILT- UP COMPOSITE, AND UV LAMP FOR CURING A UV -CURABLE MATRIX MATERIAL

(51) International

:B29C73/10,B29C73/12,B29C73/34

classification (31) Priority Document No

:102012221942.0

(32) Priority Date

:30/11/2012

(33) Name of priority country: Germany

(86) International Application :PCT/EP2013/073447

Filing Date

:08/11/2013

:NA

(87) International Publication :WO 2014/082841

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to Application :NA Number

Filing Date

(71) Name of Applicant:

1)WOBBEN PROPERTIES GMBH

Address of Applicant: Dreekamp 5, 26605 Aurich Germany

(72) Name of Inventor:

1)HESSE,Ingo

(57) Abstract:

The invention relates to a method for processing a fiber -plastic composite of a rotor blade, comprising the following steps: providing the fiber-plastic composite to be processed on the rotor blade ,preparing a local processing region of the fiber -plastic composite, providing a fiber- matrix composite comprising a UV- curable matrix material and a fiber material, applying the fiber matrix- material to the local processing region of the fiber -plastic composite, and curing the matrix material. According to the invention, the matrix material is cured by means of UV radiation.

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

(22) Date of filing of Application :28/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: METHOD AND APPARATUS FOR MEASURING A WORKPIECE WITH A MACHINE TOOL

 (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 	:G01B21/04 :61/726233 :14/11/2012 :U.S.A. :PCT/GB2013/052884 :05/11/2013 :WO 2014/076454 :NA :NA :NA	(71)Name of Applicant: 1)RENISHAW PLC Address of Applicant: New Mills, Wotton -under -Edge, Gloucestershire GL12 8JR U.K. (72)Name of Inventor: 1)OULD ,John ,Charles 2)MARSHALL ,Derek 3)REVELL, Matthew, Anthony; 4)MOORE, Paul, William;
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(57) Abstract:

A method of inspecting an artefact on a machine tool comprising: scanning a probe mounted on the machine tool along the surface of the artefact to be inspected. The method involves supplying a flow of fluid at least at the point of interaction between the probe and the artefact during said scanning.

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

(21) Application No.3604/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :28/04/2015

(43) Publication Date: 20/11/2015

(54) Title of the invention: SANITARY SHEATH FOR AN INSEMINATION SYRINGE FOR INSEMINATION BY MEANS OF A STRAW AND THE PRODUCTION METHOD THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 		(71)Name of Applicant: 1)IMV TECHNOLOGIES Address of Applicant: ZI n° 1 Est, F- 61300 Saint Ouen sur Iton France (72)Name of Inventor:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:28/11/2013 :WO 2014/083282 :NA :NA :NA	1)SCHMITT ,Eric 2)GORGES, Jean- Charles

(57) Abstract:

The sheath (30) comprises a tube (31) and an end piece (32) that comprises a foot (33) introduced into an end portion of the tube (31), and a head (34) arranged in the extension of the tube (31). The foot (33) comprises, on the outer surface (40) thereof, a plurality of annular ribs (41-44) facing the inner surface (45) of the tube (31). The head (34) comprises a shoulder (38) facing the section (39) of the tube (31), projecting over the root of the foot (33). The end piece (32) and the tube (31) are attached to the periphery of at least one of said annular ribs exclusively by intrinsic welding. The method comprises the step of carrying out a peripheral tightening of the outer surface (37) of the tube on a level with the ribs (41-44), and the step of applying a sonotrode to the outer surface (35-36) of the head (34).

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

(21) Application No.3511/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: OAM METHOD AND DEVICE BASED ON MULTI -PROTOCOL LABEL SWITCHING

(51) International :H04L12/24,H04L12/26,H04L12/70 classification

(31) Priority Document No :201210370643.6 (32) Priority Date :28/09/2012

(33) Name of priority country: China

(86) International Application :PCT/CN2013/078838

:04/07/2013 Filing Date

(87) International Publication :WO 2013/170813

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date (57) Abstract:

(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)WEN ,Jianzhong

Disclosed is an Operation Administration and Maintenance (OAM) method based on multi- protocol label switching (MPLS), comprising: after starting and performing a selected Internet protocol (IP) OAM function, a provider edge (PE) in a layer 2 virtual private network (L2VPN) forming an IP OAM message by using a source IP address, a destination IP address, and the selected OAM function, and sending the IP OAM message to a receiving end PE; and when receiving the IP OAM message and determining that the IP OAM message needs to be processed, the PE processing corresponding content according to the OAM function in the IP OAM message. Also disclosed is an OAM device based on MPLS. With the present invention, end -to- end OAM can be finished in one time thereby conveniently and quickly implementing service monitoring.

No. of Pages: 15 No. of Claims: 8

(21) Application No.3513/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: OPENING RIGID WING

(51) International classification :B63H9/06,B63H9/04,B63H9/08 (71)Name of Applicant :

(31) Priority Document No :2012904360 (32) Priority Date :05/10/2012

(33) Name of priority country :Australia

(86) International Application No:PCT/AU2013/001153

Filing Date :08/10/2013 (87) International Publication No: WO 2014/053029

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application

:NA Number :NA

Filing Date

1)SOLAR SAILOR PTY LTD

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Sydney, New South Wales 2000 Australia

(72)Name of Inventor: 1)DANE .Robert 2)MATHEW ,Ninan 3)MCBRIDE, Jan

(57) Abstract:

The present invention relates broadly to a rigid wing (10) which in its preferred embodiment is a rigid wing sail fitted to a waterborne vessel. The rigid wing sail (10) comprises a pair of elongate rigid panels (12A) and (12B), and a hinge element designated generally as (14) coupled to the panels (12/B) to permit pivotal movement of the panels (12A/B) relative to one another. Each of the pair of panels such as (12A) includes an adjoining edge (16A) and an opposing lateral edge (18A). The hinge element (14) is coupled to the panels (12A/B) at the respective adjoining edges (16A/B) to form either: 1) a closed configuration of the wing (10) with lateral edges (18A/B) of respective panels (12A/B) positioned adjacent one another wherein the rigid wing sail (10) is closed; or 2) an open configuration of the wing (10) with the lateral edges (18A/B) of the respective panels (12A/B) separated from one another wherein the rigid wing sail (10) is set at a variable camber.

No. of Pages: 27 No. of Claims: 16

(21) Application No.3514/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: STORE REPLAY POLICY

(51) International classification :G06F9/30,G06F9/38,G06F12/08 (71) Name of Applicant :

(31) Priority Document No :13/667095 (32) Priority Date :02/11/2012 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2013/067848

No :31/10/2013 Filing Date

(87) International Publication No:WO 2014/071059

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)ADVANCED MICRO DEVICES, INC.

Address of Applicant :One AMD Place, Sunnyvale, CA 94088

U.S.A.

(72) Name of Inventor:

1)KAPLAN, David, A.

2) RUPLEY, Jeff

3)NAKRA, Tarun

(57) Abstract:

A method is provided for executing a cacheable store. The method includes determining whether to replay a store instruction to reacquire one or more cache lines (130) based upon a state of the cache line(s) and an execution phase of the store instruction. The store instruction is replayed in response to determining to replay the store instruction. An apparatus is provided that includes a store queue (SQ) (135) configurable to determine whether to replay a store instruction to re acquire one or more cache lines based upon a state of the cache line(s) and an execution phase of the store instruction. Computer readable storage devices for adapting a fabrication facility to manufacture the apparatus are provided.

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

(22) Date of filing of Application :28/04/2015

(43) Publication Date: 20/11/2015

(54) Title of the invention : PREGELATINIZED STARCH WITH MID- RANGE VISCOSITY, AND PRODUCT, SLURRY AND METHODS RELATED THERETO

 (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 	:14/10/2013 :WO 2014/066079	(71)Name of Applicant: 1)UNITED STATES GYPSUM COMPANY Address of Applicant:550 West Adams Street, Chicago, Illinois 60661 -3676 U.S.A. (72)Name of Inventor: 1)SANG, Yijun 2)LEE, Chris C. 3)CHAN, Cesar
	:WO 2014/066079 :NA :NA :NA :NA	

(57) Abstract:

Disclosed are product (e.g., panels), slurry and methods relating to a pregelatinized starch having a mid -range viscosity (i.e., from about 20 centipoise to about 700 centipoise), and an extruded pregelatinized starch.

No. of Pages: 70 No. of Claims: 27

(22) Date of filing of Application :28/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: CONTINUOUS ELECTROLYSIS METHOD BY MEANS OF ELECTROLYTIC BATH FOR POLYSULFIDE MANUFACTURING, AND ELECTROLYSIS DEVICE FOR IMPLEMENTING SAME

(51) International classification :C25B15/08,C02F1/46,C25B1/00 (71)Name of Applicant: (31) Priority Document No :2012219899

(32) Priority Date :01/10/2012 (33) Name of priority country :Japan

(86) International Application :PCT/JP2013/077191

:30/09/2013 Filing Date

(87) International Publication :WO 2014/054815

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)NIPPON PAPER INDUSTRIES CO., LTD

Address of Applicant: 1-4-1, Oji, Kita-ku, Tokyo 114-0002

2)PER MELEC ELECTRODE LTD.

(72)Name of Inventor: 1)SUYAMA, KENICHIRO 2)KUROSU, KAZUHIRO 3)KATO, MASAAKI

4)OTSU, HIDEO

(57) Abstract:

[Problem] To provide an electrolysis method and a device therefor, with which the influence of scale that adheres over time is prevented and a stable continuous operation is enabled in an electrolysis system wherein a white liquor used in a digestion process in a kraft pulping method, which is a pulp manufacturing method, is subjected to an electrolysis process, thereby oxidizing sodium sulfide in the white liquor and electrolytically generating polysulfide. [Solution] An electrolysis method and an electrolysis device therefor with which an increase in the electrolytic bath voltage over time is prevented without stopping the electrolysis, said method and device being characterized in that a two- chamber electrolytic bath having a membrane that partitions an anode chamber and a cathode chamber is used, and during operation of the two- chamber electrolytic bath wherein a white liquor used in a pulp manufacturing process and containing sulfide ions, is supplied to the anode chamber and direct current is supplied to the electrolytic bath, thereby generating polysulfide in the anode chamber by means of electrolysis, a white liquor used in a pulp manufacturing process and containing sulfide ions, and containing a scale cleaning agent and/or a scale preventative, is supplied to the anode chamber.

No. of Pages: 32 No. of Claims: 8

(21) Application No.3441/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :23/04/2015 (43) Publication Date : 20/11/2015

$(54) \ Title \ of \ the \ invention: COMMUNICATION \ CONTROL \ DEVICE, \ PROGRAM, \ COMMUNICATION \ CONTROL \ METHOD \ , \\ AND \ TERMINAL \ DEVICE$

(51) International :H04W16/14,H04W16/32,H04W48/10

(31) Priority Document No :2012238813 (32) Priority Date :30/10/2012

(33) Name of priority :Japan

country

(86) International Application No :PCT/JP2013/070210

Filing Date :25/07/2013

(87) International Publication No :WO 2014/069058

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:
1)SONY CORPORATION

Address of Applicant :1-7-1, Konan ,Minato- ku, Tokyo

1080075 Japan

(72)Name of Inventor : 1)HIROAKI TAKANO

(57) Abstract:

[Problem] To enable time required to connect with a terminal device in a small cell to be further shortened. [Solution] Provided is a communication control device which is equipped with: an acquisition unit for acquiring system information related to a frequency band to be used in a small cell which partially or entirely overlaps a macro cell; and a controller for controlling downlink transmission of the system information in the macro cell. The controller notifies a terminal device located in the macro cell of wireless resources to be used for the downlink transmission.

No. of Pages: 78 No. of Claims: 20

(21) Application No.3532/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: TRIAZOLOPYRAZINE

(51) International :C07D487/04,C07D519/00,A61K31/4985 classification

(31) Priority Document :12192987.1

(32) Priority Date :16/11/2012

(33) Name of priority

:EPO country

(86) International

:PCT/EP2013/073946 Application No :15/11/2013

Filing Date (87) International

:WO 2014/076237 Publication No

(61) Patent of Addition :NA to Application Number :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)BOEHRINGER INGELHEIM INTERNATIONAL

GMBH

Address of Applicant :Binger Strasse 173, 55216 Ingelheim

Am Rhein Germany (72) Name of Inventor:

1) ENGELHARDT, Harald 2)SMETHURST, Christian

3) GIANNI, Davide

(57) Abstract:

The present invention encompasses compounds of general formula (I) wherein the groups R1 to R3 have the meanings given in the claims and in the specification. The compounds of the invention are suitable for the treatment of diseases characterized by excessive or abnormal cell proliferation pharmaceutical preparations containing such compounds and their uses as a medicament.

No. of Pages: 98 No. of Claims: 22

(22) Date of filing of Application :27/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: NOVEL COMPOUNDS AS DIACYLGLYCEROL ACYLTRANSFERASE INHIBITORS

 (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 	:08/11/2013 :WO 2014/074761 :NA	(71)Name of Applicant: 1)GLAXOSMITHKLINE LLC Address of Applicant: 2711 Centerville Road, Suite 400, Wilmington, New Castle, DE 19808 U.S.A. (72)Name of Inventor: 1)CHEUNG, Mui 2)TANGIRALA, Raghuram, S.
(61) Patent of Addition to Application Number		2)TANGIRALA ,Raghuram ,S.
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This invention relates to novel compounds which are inhibitors of acyl coenzyme A: diacylglycerol acyl transferase 1 (DGAT -1), to pharmaceutical compositions containing them, to processes for their preparation, and to their use in therapy, alone or in combination with other triglyceride lowering therapies for the prevention or treatment of diseases related to DGAT-1 dysfunction or where modulation of DGAT-1 activity may have therapeutic benefit including but not limited to obesity, obesity related disorders, genetic (Type 1, Type 5 hyperlipidemia) and acquired forms of hypertriglyceridemia or hyperlipoproteinemia- related disorders, caused by but not limited to lipodystrophy, hypothyroidism, medications (beta blockers thiazides estrogen, glucocorticoids, transplant) and other factors (pregnancy, alcohol intake) hyperlipoproteinemia chylomicronemia dyslipidemia, non-alcoholic steatohepatitis, diabetes, insulin, resistance, metabolic syndrome cardiovascular outcomes angina excess hair growth (including syndromes associated with hirsutism), nephrotic syndrome, fibrosis such as mycocardial renal and liver fibrosis hepatitis C virus infection and acne or other skin disorders.

No. of Pages: 72 No. of Claims: 20

(21) Application No.3620/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :28/04/2015

(43) Publication Date: 20/11/2015

(54) Title of the invention : A METHOD OF MAKING A THERMAL OR ACOUSTICAL FIBERGLASS INSULATION PRODUCT

(51) International classification	:B32B5/18	(71)Name of Applicant:
(31) Priority Document No	:60/702,456	1)KNAUF INSULATION GMBH
(32) Priority Date	:26/07/2005	Address of Applicant :One Knauf Drive, Shelbyville, IN
(33) Name of priority country	:U.S.A.	46176-1496, USA U.S.A.
(86) International Application No	:PCT/US2006/028929	(72)Name of Inventor:
Filing Date	:26/07/2006	1)SWIFT, Brian, Lee
(87) International Publication No	: NA	2)XU, Ruijian
(61) Patent of Addition to Application	:NA	3)KISSELL, Ronald, E
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:1299/DELNP/2008	

(57) Abstract:

Filed on

Binders to produce or promote cohesion in non or loosely assembled matter. The binders comprise maillard reactants including amine and carbohydrate; optionally a silicon containing compoud and/or a corrosion inhibitor

:14/02/2008

No. of Pages: 81 No. of Claims: 60

(22) Date of filing of Application :28/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : MERCURY VAPOR TRACE DETECTION USING PRE EXCITATION CAVITY RING DOWN SPECTROSCOPY

 (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 	:G01N21/71 :61/713074 :12/10/2012 :U.S.A. :PCT/US2013/064648 :11/10/2013 :WO 2014/059345 :NA :NA	(71)Name of Applicant: 1)LEHMANN, Kevin K. Address of Applicant: 1048 Rolling Meadow Lane, Crozet, Virginia 22932 U.S.A. (72)Name of Inventor: 1)LEHMANN, Kevin K.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Apparatus and techniques can include optically- exciting an analyte gas in an optically resonant cavity using optical energy having a first range of wavelengths including a wavelength specified to provide a metastable excited state of a species to be probed in the analyte gas. Such optical excitation can be referred to as pre- excitation. Optical energy having a second range of wavelengths can be coupled to the optically resonant cavity, including a wavelength specified to be absorbed using the metastable excited state of the species to be probed in the analyte gas ,and outcoupled to a detector. One or more of a decay rate or a decay duration (e.g. a ring-down characteristic) can be monitored , such as to determine a presence or quantity of the species in the analyte gas. Such pre - excitation and probing can be referred to as Pre- Excitation Cavity Ring- Down Spectroscopy (PE- CRDS), such as for trace detection of mercury.

No. of Pages: 30 No. of Claims: 31

(21) Application No.344/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :06/02/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention : FULLY AUTOMATED DERMATOGLYPHICS MULTIPLE INTELLIGENCE TEST FOR WHOLE BRAIN ANALYSIS AND DEVELOPMENT

(51) International classification	:G01N	(71)Name of Applicant:
(31) Priority Document No	:NA	1)BHARDWAJ, BHAGIRATH
(32) Priority Date	:NA	Address of Applicant :112, NEW DELHI HOUSE, 27,
(33) Name of priority country	:NA	BARAKHAMBA ROAD, CONNAUGHT PLACE, NEW DELHI
(86) International Application No	:NA	- 110001, INDIA. Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)BHARDAWAJ, BHAGIRATH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides a novel system, tool and technique for multiple-intelligence and psychometric assessment testing in subjects for developing confidence with respect to their weak and hidden talent. The present invention provides exact result after repeated analysis without any effect of emotion and pressure of the subject. More particularly, the invention relates to improvement in confidence of the subject by connecting him with his inherited potential and providing tools to live in sync with that potential by creating a balance in all areas of his/her life as per needs and wants.

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

(22) Date of filing of Application :27/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: RF SHIELDED CAPACITIVELY COUPLED CONNECTOR

(71)Name of Applicant:
Address of Applicant :1100 CommScope Place, SE, Hickory,
North Carolina 28602 U.S.A.
(72)Name of Inventor:
1)VAN SWEARINGEN, Kendrick
2)VACCARO, Ronald
3)PAYNTER ,Jeffrey
North Carolina 28602 U.S.A. (72)Name of Inventor: 1)VAN SWEARINGEN, Kendrick 2)VACCARO, Ronald

(57) Abstract:

A connector with a capacitively coupled connector interface for interconnection with a female portion is provided with an annular groove, with a sidewall, open to an interface end of the female portion. A male portion is provided with a male outer conductor coupling surface at an interface end , covered by an outer conductor dielectric spacer. A waveguide path between the male outer conductor coupling surface and the female portion , while in the interlocked position may extend from the outer conductor dielectric spacer to an exterior of the interconnection through an s- bend in a radial direction ,to improve RF isolation. Alternatively and/or additionally an overbody may be provided as an RF absorbing chamber including RF absorbing material and which may include a plurality of RF absorbing chambers isolated from one another , where multiple interconnections are present.

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

(21) Application No.3531/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: DISPOSABLE DIAPER

(51) International classification :A61F13/15,A61F13/49 (71)Name of Applicant :

(31) Priority Document No :2012218839 (32) Priority Date :28/09/2012

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2013/076399 Filing Date :27/09/2013

(87) International Publication No :WO 2014/051105

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

1)UNICHARM CORPORATION

Address of Applicant: 182, Shimobun, Kinsei-cho

Shikokuchuo- shi, Ehime 799-0111 Japan

(72) Name of Inventor: 1)SAKAGUCHI, Satoru 2)YAMANAKA, Yasuhiro

3)SAWA,Kana

(57) Abstract:

The disposable diaper (10) pertaining to the present invention is configured so that designs (300a, 300b) visible from the non-skin contacting surface side (S) of the disposable diaper (10) are provided in an area that extends to a front waistline region (20) and a back waistline region (30), straddling an inside leg-region (25), and that different methods are used to arrange the design (300b) provided to an area further toward the front waistline region (20) than the crotch elastic part (200a) and to arrange the design (300a) provided to an area further toward the back waistline region (30) than the crotch elastic part (200a).

No. of Pages: 49 No. of Claims: 8

(21) Application No.3627/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :28/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: ELECTRICAL PLUG AND ENERGY TRANSMISSION ARRANGEMENT

 (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 	:H01R13/703 :10 2012 220 102.5 :05/11/2012 :Germany :PCT/EP2013/068987 :13/09/2013 :WO 2014/067701 :NA :NA	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant:Postfach 30 02 20, 70442 Stuttgart Germany (72)Name of Inventor: 1)MITTAG, Andreas 2)FAYE, Ian 3)ECKERT, Bernd
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(57) Abstract:

The invention relates to an electrical plug (24) having a connection unit (36) which can be coupled to an electrical line (26) in order to transmit electrical energy, having at least one electrical contact pin (30) which has a plug section (32) and a coupling section (34), wherein the coupling section (34) is electrically coupled to the connection unit (36), and wherein the plug section (32) is designed to provide a releasable plug connection to an associated contact socket (18) in order to electrically couple the contact pin (30) to the contact socket (18), and having a detection unit (38) which is designed to detect a tensile force which is exerted on the contact pin (30) and/or a movement of the contact pin (30) relative to the contact socket (18), and to provide a disconnection signal for interrupting the energy transmission process.

No. of Pages: 21 No. of Claims: 14

(22) Date of filing of Application :29/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: BATTERY CONTROLLER, POWER STORAGE DEVICE, POWER STORAGE METHOD, AND **PROGRAM**

(51) International :H02J7/34,H01M10/44,H01M10/48 classification

(31) Priority Document No :2012247572 (32) Priority Date :09/11/2012

(33) Name of priority country: Japan

(86) International Application :PCT/JP2013/079689

No

Filing Date

:01/11/2013

(87) International Publication :WO 2014/073475

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number

:NA Filing Date

(71)Name of Applicant: 1)NEC CORPORATION

Address of Applicant: 7-1, Shiba 5-chome, Minato-ku,

Tokyo 1088001 Japan

(72)Name of Inventor: 1)LUO, Yuan

2)OHHATA Shinya 3)KOGURE Junji

4)YOSHIDA Nobuhide 5)TAKAHASHI Shingo 6)ITABASHI Noriyuki

(57) Abstract:

A battery controller (100) comprises: a measurement unit (110) that individually measures a discharge current quantity of a secondary battery being discharged, among a plurality of secondary batteries each of which is independently charged and discharged; a time calculation unit (120) that calculates, for each secondary battery being discharged the required time for the secondary battery to reach a certain battery capacity, on the basis of the discharge current rate of each secondary battery, which is calculated on the basis of the discharge current quantity, and the state of charge (SOC) of the secondary battery; a number calculation unit (130) that calculates the expected number of secondary batteries that will attain a fully charged state within the required time, on the basis of a charging current rate of each secondary battery, which is calculated on the basis of a charging current quantity of the secondary battery being charged, and the SOC and required time for the secondary battery, and calculates the total value of said expected number and the existing number of secondary batteries that are already in a fully charged state; and a control unit (140) that determines whether to raise the charging current rate on the basis of the total value.

No. of Pages: 60 No. of Claims: 10

(21) Application No.3645/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : METHOD FOR DETERMINING STRETCH FLANGE LIMIT STRAIN AND METHOD FOR ASSESSING PRESS FORMING FEASIBILITY

(51) International classification :G01N3/28,B21D22/00 (71)Name of Applicant : (31) Priority Document No 1)JFE STEEL CORPORATION :2012253474 (32) Priority Date Address of Applicant: 2-3, Uchisaiwai-cho 2-chome, :19/11/2012 Chiyoda- ku ,Tokyo 1000011 Japan (33) Name of priority country :Japan (86) International Application No :PCT/JP2013/077595 (72) Name of Inventor: Filing Date :10/10/2013 1)SONOBE, Osamu (87) International Publication No :WO 2014/077060 2)ISHIWATARI, Akinobu (61) Patent of Addition to Application 3)URABE, Masaki :NA Number 4)KANO, Hirotaka :NA Filing Date 5)HIRAMOTO, Jiro (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

This method for setting stretch flange limit strain is characterized in that the stretch flange limit strain is set so as to satisfy the relationship in the following equation using the strain gradient from the end part of a metal sheet toward the inside when a press load is added and the strain gradient in the thickness direction of the metal sheet crossing the loading direction, eelim = $A\{a\Delta\epsilon e/Ar + b\Delta\epsilon e/\Delta t\} + c \text{ Provided that: erepresents the stretch flange limit strain (tangential to the sheet edge) } \Delta\epsilon e/Ar \text{ represents the strain gradient toward the interior } \Delta e/\Delta t \text{ represents the strain gradient in the thickness direction } A$, a, b are influence coefficients c is the limit strain when the strain gradient is zero

No. of Pages: 44 No. of Claims: 4

(22) Date of filing of Application :29/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: KNEADING DEVICE FITTED WITH A SHAFT RETENTION 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 	:B01F7/08,B01F15/00 :1202924 :30/10/2012 :France :PCT/FR2013/052573 :28/10/2013 :WO 2014/068234 :NA :NA :NA	(71)Name of Applicant: 1)HERAKLES Address of Applicant :les cinq chemins, rue de Touban, F- 33185 le Haillan France 2)CENTRE NATIONAL D'ETUDES SPATIALES CNES (72)Name of Inventor: 1)NORMAND Frdric
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(57) Abstract:

Device for kneading a paste allowing a paste to be kneaded and extruded reliably and in a stabilized manner notably for the manufacture of explosives , and offering greater ease of maintenance. According to the invention , this paste- kneading device comprises an oblong barrel (10) , two shafts (14a , 14b) running parallel to one another within the barrel (10) , held and driven at their first ends (15a , 15b) defining the upstream end (AM) by a drive device (12), two screws (20a , 20b) each formed of flights borne by the shafts (14a , 14b) , each screw (20a , 20b) comprising at least one transport section (21a -21d) bearing a main flight (21) for progressing the paste along the two screws (20a , 20b), and an outlet orifice (19) made in the wall of the barrel (10) to discharge the kneaded paste; the kneading device further comprises a retaining device (30) configured to hold each shaft (14a , 14b) at its second end (16a , 16b), defining the downstream end (AV), and allowing it to rotate freely , this retaining device (30) comprising for each shaft (14a , 14b), a first part (31) secured to said shaft (14a , 14b) and a second part (36) secured to an end cap part (13) of the barrel (10), this end cap part (13) being removable and said first (31) and second (36) parts being configured to engage and disengage freely.

No. of Pages: 26 No. of Claims: 9

(21) Application No.3561/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: NOVEL EPISULFIDE COMPOUND AND OPTICAL MATERIAL COMPOSITION

(51) International classification :C07D331/02, (31) Priority Document No :2013052124 (32) Priority Date :14/03/2013 (33) Name of priority country :Japan

(86) International Application No :PCT/JP2014/056397

Filing Date :12/03/2014
(87) International Publication No :WO 2014/142138

(61) Patent of Addition to Application Number :NA Filing Date :NA

(62) Divisional to Application Number :NA Filing Date :NA

:C07D331/02,C08G75/06 (71)Name of Applicant :

1)MITSUBISHI GAS CHEMICAL COMPANY, INC.
Address of Applicant :MITSUBISHI Building, 5-2

Marunouchi 2- chome ,Chiyoda- ku, Tokyo 1008324 Japan

(72)Name of Inventor:

1)KARIYAZONO Kazuki 2)AOKI Takashi

3)OKADA Hiroyuki 4)HORIKOSHI Hiroshi

(57) Abstract:

According to a preferred embodiment of the present invention, with an optical material composition including an episulfide compound represented by formula (1) and an episulfide compound represented by formula (2), it is possible to stably and inexpensively store the episulfide compound represented by formula (2), and also provide an optical material having excellent light resistance. (In formula (1), m represents an integer from 0 to 4, and n represents an integer from 0 to 2.) (In formula (2), m represents an integer from 0 to 4, and n represents an integer from 0 to 2.)

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

(21) Application No.3562/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: ENHANCED STRENGTH GRADE LEVEL UTILITIES ENCLOSURE

(51) International classification :H02G3/18,H02G9/10,G02B6/44 (71)Name of Applicant:

:28/10/2013

(31) Priority Document No :61/720297 (32) Priority Date :30/10/2012 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2013/067148

Filing Date

(87) International Publication No:WO 2014/070685

(61) Patent of Addition to :NA

Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1) CHANNELL COMMERCIAL CORPORATION Address of Applicant: 26040 Ynez Road, Temecula,

California 92589 U.S.A. (72) Name of Inventor:

1)BURKE, Edward J.

(57) Abstract:

An enhanced strength grade level utility enclosure comprises a vertical wall structure having an upright inner wall panel (46) extending from an upper edge to a bottom edge of the structure. The inner wall panel (46) has an inside face spanning the enclosure s interior. One or more narrow vertically extending slotted regions (58) are recessed in the inside face of the wall panel. Upright rigid support bars (60), optionally adapted for use as cable racks, are positioned in and rigidly affixed to separate slotted regions on the wall panel. The support bars (60) provide a continuous means of rigid vertical support from the upper edge down to the bottom edge of the enclosure s wall structure. The recessed support bars, in combination with the vertical wall structure, provide enhanced wall strength in excess of industrial vertical side wall and center load test standards.

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

(22) Date of filing of Application :29/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : METHOD AND APPARATUS FOR LINING THE CATHODE DEVICE OF AN ELECTROLYTIC CELL

(51) International classification	:C25C3/08	(71)Name of Applicant :
(31) Priority Document No	:NA	1)OBSHCHESTVO S OGRANICHENNOY
(32) Priority Date	:NA	OTVETSTVENNOSTYU OBEDINENNAYA KOMPANIYA
(33) Name of priority country	:NA	RUSAL INZHENERNO TEKHNOLOGICHESKIY TSENTR
(86) International Application No	:PCT/RU2012/000875	Address of Applicant :ul. Pogranichnikov 37, str. 1
Filing Date	:25/10/2012	Krasnoyarsk, 660111, Russia
(87) International Publication No	:WO 2014/065692	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)PROSHKIN Aleksandr Vladimirovich
Number	:NA	2)LEVENSON Samuil Yakovlevich
Filing Date	.11/11	3)PINGIN Vitaliy Valere'vich
(62) Divisional to Application Number	:NA	4)MOROZOV Aleksey Vasile'vich
Filing Date	:NA	

(57) Abstract:

The invention relates to a method and an apparatus for lining the cathode device of an aluminium electrolytic cell. The method involves loading a powder material into the cathode shell of an electrolytic cell, leveling said material with a leveling board and covering the loaded material with a dust -insulating film prior to compaction. Compaction is carried out in two stages by means of a preliminary static action and a final dynamic action effected by corresponding working members which move in succession along the axis of the cathode over a resilient packing sheet comprised of at least two layers, namely a bottom layer which prevents the powder material from being displaced in the direction of movement, and a top layer which enables engagement between the packing sheet and the working member that effects static compaction. In the apparatus, a static compaction unit, in the form of a roller with a drive, is connected by elastic elements to a dynamic compaction unit with a vibration exciter mounted thereon such that the dynamic compaction unit is able to move about the horizontal and vertical axes of the roller. The result is a slower rate of penetration of molten fluorides into the heat shield of the cathode and an increase in the service life of the electrolytic cell.

No. of Pages: 26 No. of Claims: 9

(21) Application No.3649/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: MOBILE DEVICE CONTROLLER

 (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 	:05/04/2013 :WO 2014/070240 :NA :NA	(71)Name of Applicant: 1)WIKIPAD, INC. Address of Applicant: 1801 Century Park East, Suite 2400, Los Angeles, CA 90067 U.S.A. (72)Name of Inventor: 1)JOYNES, Matthew, R. 2)SANDERFORD, H., Britton 3)BOWER, James
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An apparatus can have a casing (1, 2) that provides a first rigid interface that is configured to engage a second rigid interface of a mobile electronics device to form a direct electrical connection via rigid attachment. The casing may further have a charge controller (39) connected to a circuitry board (3) and configured to distribute charge power from at least a solar panel (16) and external power input to a re chargeable battery.

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

(21) Application No.3556/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: ROTOR BLADE TIP

(51) International classification	:F03D11/00,F03D1/06	(71)Name of Applicant :
(31) Priority Document No	:10 2012 220 936.0	1)WOBBEN PROPERTIES GMBH
(32) Priority Date	:15/11/2012	Address of Applicant :Dreekamp 5, 26605 Aurich Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:PCT/EP2013/073188	1)HOFFMANN, Alexander
Filing Date	:06/11/2013	2)DULLE ,Dennis
(87) International Publication No	:WO 2014/075976	3)CLEMENS, Christian
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a rotor blade (30) of a wind turbine (100), comprising a main blade part and a blade tip (260), the blade tip (260) being detachably fastened to the main part by means of a connecting device (202). The connecting device (202) comprises a tip section (206) fastened to the blade tip (260) and a base section (204) for receiving the tip section (206), said base section being fastened to the main blade part. The tip section (206) comprises at least one securing means (242) for securing the tip section (206) to the base section (204), said securing means extending at least to the base section (204). The securing means (242) can be actuated through an opening (286) in the surface (282) of the blade tip (260) to secure the tip section.

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

(22) Date of filing of Application :29/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : TRANSMITTING RADIO NODE AND METHOD THEREIN FOR SCHEDULING SERVICE DATA FLOWS

 (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 	:H04W72/12 :NA :NA :NA :PCT/SE2012/051333 :30/11/2012 :WO 2014/084767 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant: S- 164 83 Stockholm Sweden (72)Name of Inventor: 1)ERIKSSON, Ann- Christine 2)STJERNHOLM, Paul 3)VOIGT, Lotta
Filing Date	:NA	

(57) Abstract:

According to embodiments herein a method in a transmitting radio node (12) for scheduling service data flows within a radio bearer towards a receiving radio node (10) in a radio communications network (1) is provided. The transmitting radio node (12) maps data packets of at least two service data flows within the radio bearer to a respective pre-scheduling queue at a PDCP layert wherein each pre-scheduling queue is associated with a service or a service quality requirement of the respective service data flow. The transmitting radio node (12) further pre-schedules the data packets of the respective pre-scheduling queue down to a scheduling queue at a RLC or a MAC layer. The transmitting radio node 12 further schedules the data packets in the scheduling queue towards the receiving radio node 10. The transmitting radio node (12) takes a prebuffer time of a data packet queued in the pre-scheduling queue into account when pre-scheduling and/or scheduling the data packets.

No. of Pages: 29 No. of Claims: 18

(22) Date of filing of Application :29/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: SYSTEM AND METHOD FOR CREATING MULTIPLE VERSIONS OF A DESCRIPTOR FILE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H04N21/854,H04N21/84 :13/644 792 :04/10/2012 :U.S.A.	1)ERICSSON TELEVISION INC. Address of Applicant: 4500 River Green Parkway, Suite 110, Duluth, Georgia 30096 U.S.A.
 (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 	:PCT/IB2013/059076 :02/10/2013 :WO 2014/054012 :NA :NA :NA	(72)Name of Inventor: 1)DHANAPAL, Sathiyamoorthy

(57) Abstract:

A system (e.g., content management system, content delivery system) and method are described herein which are configured for receiving one or more source descriptor files (e.g., MPD files, HLS m3u8 files, HTTP manifest files) along with associated adaptive bit.rate segments. The system and method are also configured for receiving rules (e.g., content ratings, timing information, user profiles, regional and demographic information) and then creating multiple descriptor files based on the received rules and the source descriptor file(s). The system and method are further configured for distributing the multiple descriptor files to one or more downstream systems (e.g., content delivery systems, users).

No. of Pages: 46 No. of Claims: 28

(22) Date of filing of Application :29/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: METHODS TO ENABLE WLAN PROXIMITY SERVICE (WLAN PROSE)

(51) International classification :H04W76/02,H04W7 (31) Priority Document No :61/721321 (32) Priority Date :01/11/2012

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

(86) International Application No :PCT/US2013/067986

Filing Date :01/11/2013 (87) International Publication No :WO 2014/071140

(61) Patent of Addition to Application
Number
Filing Date
(62) Divisional to Application Number
Filing Date
:NA
Filing Date
:NA

:H04W76/02,H04W76/04 (71)**Name of Applicant :**

1)INTERDIGITAL PATENT HOLDINGS, INC.

Address of Applicant :200 Bellevue Parkway, Suite 300,

Wilmington, Delaware 19809 U.S.A.

(72)Name of Inventor: 1)AHMAD,Saad

(57) Abstract:

Methods and apparatus are described for implementing a wireless local area network (WLAN) Proximity Service (ProSe) connection in a WLAN ProSe capable wireless transmit receive unit (WTRU). The WLAN ProSe capable WTRU requests an establishment of a WLAN ProSe connection with other WLAN ProSe capable WTRU(s), where a ProSe discovery process determines the presence of other WLAN ProSe capable WTRU(s). Configuration information is received , via a non -access stratum or a radio resource control message, from a network node to facilitate the WLAN ProSe connection to the other WLAN ProSe capable WTRU(s). The configuration information includes one of a WLAN ID of the other WLAN ProSe capable WTRU(s), a medium access control ID of the other WLAN ProSe capable WTRU(s) , a WLAN access point Service Set Identification (SSID) or Basic SSID , a frequency or channel number , a beacon interval , and timing information.

No. of Pages: 48 No. of Claims: 20

(21) Application No.3563/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: ADAPTIVE EJECTOR VALVE ARRAY

(51) International classification	:B07C5/36	(71)Name of Applicant:
(31) Priority Document No	:1219184.7	1)BUHLER SORTEX LTD
(32) Priority Date	:25/10/2012	Address of Applicant :20 Atlantis Avenue, London E16 2BF
(33) Name of priority country	:U.K.	U.K.
(86) International Application No		(72)Name of Inventor:
Filing Date	:24/10/2013	1)MILLS, Stewart John
(87) International Publication No	:WO 2014/064222	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method for providing adaptive control of the flow of a plurality of ejector valves arranged in close proximity to each other in a sorting machine is described. The method comprises measuring a temporal response curve for each ejector valve, comparing the measured temporal response curve for each ejector valve to a library set of previously stored temporal response curves, determining from the comparison a predicted flow for each ejector valve, and adapting a drive signal for each ejector valve in dependence on the predicted flow. Temporal response curves may be measured and compared in a calibration (non- sorting) mode, and real -time feedback of the measured temporal responses in a sorting mode may be used to indicate health of a valve and to further adapt the drive signal to provide conformal performance. The number of neighbouring ejector valves may also be taken into account.

No. of Pages: 31 No. of Claims: 33

(21) Application No.3564/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: MONORAIL SWITCH

 (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 	:E01B25/06 :NA :NA :NA :PCT/JP2012/078607 :05/11/2012 :WO 2014/068783 :NA :NA :NA	(71)Name of Applicant: 1)HITACHI LTD. Address of Applicant:6 6 Marunouchi 1 chome Chiyoda ku Tokyo 1008280 Japan (72)Name of Inventor: 1)AWA Masanao
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(57) Abstract:

Provided is a monorail switch such that deflection when a vehicle is traveling is suppressed and beam structure is simplified. The monorail switch which switches the track to a straight state or curved state comprises a straight movement beam (11) and an arc-like curved movement beam (12). Carriages (21a, 21d) serving as centers of rotation are installed on one end of the straight movement beam (11) and the curved movement beam (12), movable movement assisting carriages (21b, 21c, 21e, 21f) are installed on the other end and in an intermediate section, and lock receivers (43b, 43c, 43e, 43f) are installed on the carriages (21b, 21c, 21e, 21f). Anchoring devices (41a, 41b) are installed on the ground side in intermediate positions between the carriage position in the straight state and the carriage position in the curved state and the anchoring devices (41a, 41b) have power to rotate locking rollers (45). The locking rollers (45) are rotated in the straight state and the curved state so as to engage with the lock receivers of the carriages.

No. of Pages: 27 No. of Claims: 6

(21) Application No.3565/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: SYNBIOTIC COMPOSITION AND USE THEREOF

(51) International classification	:A61K35/74,A61K31/702	(71)Name of Applicant:
(31) Priority Document No	:12194905.1	1)NESTEC S.A.
(32) Priority Date	:29/11/2012	Address of Applicant : Avenue Nestl 55, CH- 1800 Vevey
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2013/075117	(72)Name of Inventor:
Filing Date	:29/11/2013	1)WANG, Dantong
(87) International Publication No	:WO 2014/083166	2)SCHAFFER -LEQUART, Christelle
(61) Patent of Addition to Application	:NA	3)BENYACOUB ,Jalil
Number	:NA	4)VOLERY, Pascal
Filing Date	.NA	5)CHUAT, Jean- Yves
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a synbiotic composition ,its use for the inhibition of pathogen infection, especially in the gut , as well as food compositions comprising said synbiotic composition.

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

(22) Date of filing of Application :29/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: DOWN-CONVERSION DEVICE AND REALIZING METHOD THEREOF AND RECEIVER

 (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 	:201210381339.1 :10/10/2012 :China	(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)DUAN, Yajuan 2)LI, Xiangling 3)ZHANG, Guojun
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(57) Abstract:

The present invention relates to the field of mobile communications. Disclosed in an embodiment of the present invention are a down-conversion device for a receiver and realizing method thereof. The down-conversion device is used to down-convert a first radio frequency signal received by a receiver aerial and comprises: a control module configured to output a control signal according to the power of the first radio frequency signal; a gain processing module configured to amplify the gain or attenuate the power of the first radio frequency signal according to the control signal, so as to obtain a second radio frequency signal; a down-conversion module configured to down-convert the second radio frequency signal to an intermediate frequency and output an intermediate frequency signal. The technical solution in an embodiment of the present invention can dynamically decide to amplify the gain or attenuate the gain of a radio frequency signal according to the powers of different radio frequency signals received, thus avoiding attenuating radio frequency signals before amplification, and reducing the power consumption of the entire receiver.

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

(21) Application No.3559/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/04/2015

(43) Publication Date: 20/11/2015

(54) Title of the invention : USER TERMINAL APPARATUS ELECTRONIC DEVICE AND METHOD FOR CONTROLLING THE SAME

 (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 	:H04B1/40 :1020120109132 :28/09/2012 :Republic of Korea :PCT/KR2013/008658 :27/09/2013 :WO 2014/051367 :NA :NA :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)JEONG, Dae- yeon 2)Lee, Young- sik
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(57) Abstract:

A user terminal apparatus connected to an electronic device, and a method thereof, are provided. The apparatus includes a communicator that performs communication with the electronic device, an audio processor that processes an audio source to be transmitted to the electronic device, and a controller that adjusts a sound level of the audio source based on a reference volume unit of the electronic device, and controls the adjusted audio source to be transmitted to the electronic device in a streaming method.

No. of Pages: 32 No. of Claims: 15

(21) Application No.3654/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: FIBER REINFORCED POLYPROPYLENE RESIN COMPOSITION AND MOLDED ARTICLE OF **SAME**

(51) International classification :C08L23/16,C08J5/04,C08K7/04 (71) Name of Applicant:

(31) Priority Document No :2012268514 (32) Priority Date :07/12/2012

(33) Name of priority country :Japan

(86) International Application :PCT/JP2013/082598

:04/12/2013 Filing Date

(87) International Publication No: WO 2014/088035

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number

:NA Filing Date

(57) Abstract:

1)JAPAN POLYPROPYLENE CORPORATION

Address of Applicant: 1 1 Marunouchi 1 chome Chiyoda ku

Tokyo 1008251 Japan (72)Name of Inventor:

1)AOKI Naova

2)KONDO Kazumasa 3)MASUDA Kenii 4)SHIMOUSE Masashi

Provided are a fiber-remiorced polyproOviene resin composition and a molded article having good emboss transier properties and molded appearance properties, a soft texture of the molded article surface, and high rigidity and high heat resistance. This is achieved by using a specific propylene/ethylene random copolymer, specific fibers, and an optional metallocene catalyst to obtain, inter alia, a fiber-reinforced polypropylene resin composition comprising a propylene-ethylene block copolymer that satisfies four conditions, such as successive polymerization, a thermoplastic elastomer that satisfies two conditions, such as MFR, and a spe-cific propylene polymer resin.

No. of Pages: 103 No. of Claims: 8

(21) Application No.3655/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: PEARLESCENT HAIR CARE COMPOSITION

:19/11/2013

(51) International classification :A61K8/34,A61K8/41,A61Q5/12 (71)Name of Applicant:

(31) Priority Document No :12196268.2 (32) Priority Date :10/12/2012

(33) Name of priority country :EPO

(86) International Application :PCT/EP2013/074120

Filing Date

(87) International Publication No:WO 2014/090519

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)OTC GMBH

Address of Applicant :Brammenring 11, 46047 Oberhausen

Germany

(72)Name of Inventor: 1)DAHMS, Gerd

(57) Abstract:

The present invention relates to a pumpable or sprayable pearly luster hair care composition with a high humectant content and high heat stability, the use of such cosmetic hair care composition and a kit of parts containing said pearly luster hair care composition.

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

(21) Application No.3656/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: BEADLETS COMPRISING CAROTENOIDS

:B01J2/30,A23L1/00,A23L1/275 (71)Name of Applicant : (51) International classification

(31) Priority Document No :12189045.3 (32) Priority Date :18/10/2012

(33) Name of priority country :EPO

(86) International Application :PCT/EP2013/071809

No :18/10/2013 Filing Date

(87) International Publication No: WO 2014/060566

(61) Patent of Addition to

:NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)DSM IP ASSETS B.V.

Address of Applicant: Patent Department, Het Overloon 1,

NL- 6411 The Heerlen Netherlands

(72)Name of Inventor:

1)BADOLATO BOENISCH, Gabriela

2)SCHLEGEL ,Bernd

(57) Abstract:

The present invention relates to beadlets comprising at least one carotenoid and matrix ,material which comprise wax(es) and/or fat(s) with a melting point of between 40 to 85 °C, as well as to the production of such beadlets and to the use of such beadlets in compositions.

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

(22) Date of filing of Application :29/04/2015

(43) Publication Date: 20/11/2015

(54) Title of the invention: MATTRESS STRUCTURE AND METHOD OF USING TECHNICAL FEATURE THEREOF TO HELP USER TO LEARN ABOUT USE OF MATTRESS STRUCTURE AND DETERMINE WHETHER USER CAN ADJUST TO MATTRESS STRUCTURE

(51) International :A47C27/14,A47C27/15,A47C27/00

:NA

classification

(31) Priority Document No :13101804.9 (32) Priority Date :08/02/2013 (33) Name of priority country: Hongkong(China) (86) International :PCT/CN2014/000144

Application No :08/02/2014

Filing Date

(87) International Publication :WO 2014/121665

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to :NA

Application Number Filing Date

(71) Name of Applicant:

1)GLORIOUS MASTER LIMITED

Address of Applicant : NovaSage Chambers P.O. Box 4389

Road Town Tortola VIRGIN ISLANDS

(72) Name of Inventor: 1)HUI Cheung Wing

(57) Abstract:

A mattress structure (1), comprising a main axial section, and two or more comfort members (51 -59) arranged at different positions along the main axial section; the degree of comfort provided by at least one of the comfort members (51-59) differs from the degree of comfort provided by the other comfort members, so as to define a comfort layer (5) providing different degrees of comfort for different parts of a user body; the comfort layer (5) can be divided into two or more comfort areas corresponding to different parts of the user body; at least one or more of the comfort areas consist of comfort members (51 -59) of different sizes; at least one of the comfort members (51-59) is a key comfort member (52, 56) providing a higher comfort effect than the other comfort members; the comfort members (51-59) in the comfort areas can be interchanged or exchanged based on individual needs of the user so as to change the relative positions of the key comfort members (52, 56) in the comfort areas to accommodate different heights of the users and different lengths of the body parts. A user can test a sample mattress structure (1) to learn about the use of the mattress structure (1) and determine whether the user can adjust to the use of the mattress structure (1).

No. of Pages: 86 No. of Claims: 37

(22) Date of filing of Application :24/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: SLAM SHUT SAFETY DEVICE WITH GUIDED VALVE DISC

(51) Intermedianal alassification	.E16V1/26 E16V1/49	(71) Nome of Amiliant.
(51) International classification	:F10K1/30,F10K1/48	(71)Name of Applicant:
(31) Priority Document No	:61/706198	1)EMERSON PROCESS MANAGEMENT REGULATOR
(32) Priority Date	:27/09/2012	TECHNOLOGIES ,INC.
(33) Name of priority country	:U.S.A.	Address of Applicant :310 East University Drive, Mckinney
(86) International Application No	:PCT/US2013/061790	TX 75070 U.S.A.
Filing Date	:26/09/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2014/052513	1)MOLDOVAN ,Cristian -tiberiu
(61) Patent of Addition to Application	:NA	2)BOUVRY, Michel
Number		3)ALEXANDRU -VLAD, Roman
Filing Date	:NA	4)HALL ,Stanley ,D.
(62) Divisional to Application Number	:NA	5)WOOLLUMS, David ,E.
Filing Date	:NA	6)NGUYEN, Tung, K.

(57) Abstract:

A slam- shut safety device includes a valve body (112), a valve disc (122), a reset pin (136), and a guide collar (162). The valve disc (122) is disposed within the valve body (112) and shiftable along a slam -shut axis between an open position and a closed second position. The reset pin (136) is operatively coupled to the valve disc (122) and shiftable along the slam- shut axis relative to the valve body (112) between an untripped position placing the valve disc (122) in the open position and a tripped position placing the valve disc (122) in the closed position. The guide collar (136) includes a hollow cylindrical portion extending away from the valve disc (122) at least partly over the reset pin (136) and being slidably disposed in a guide bore of a slam shut body that is connected to the valve body (112) and supporting the reset pin (136), thereby providing added structural integrity to the rest pin (136) and valve disc (122).

No. of Pages: 21 No. of Claims: 20

(21) Application No.3474/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: SEAL DISK WITH A PLURALITY OF HARDNESSES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:F16K1/36,F16K25/00,F16J15/02 :13/629345 :27/09/2012 :U.S.A. :PCT/US2013/061533 :25/09/2013	(71)Name of Applicant: 1)EMERSON PROCESS MANAGEMENT REGULATOR TECHNOLOGIES, INC. Address of Applicant: 310 East University Drive, Mckinney ,TX 75070 U.S.A. (72)Name of Inventor: 1)MEVIUS, Jason, S.
(87) International Publication	:WO 2014/052355	1).125 (100) 645011 (0)
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A seal disk (54) for a fluid flow control valve, such as a fluid regulator, has a body formed of elastomeric material having a first hardness at a seal face (84) and a second hardness spaced apart (82) from the seal face along the thickness. The elastomeric material is softer at the seal face (84) and harder spaced away from the seal face (84).

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

(21) Application No.3660/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: TREATMENT OF CANCERS USING PI3 KINASE ISOFORM MODULATORS

(51) International classification	:A61K45/06,A61K31/00,A61K31/52	(71)Name of Applicant: 1)INFINITY PHARMACEUTICALS, INC.
(31) Priority Document No	:61/721432	Address of Applicant :780 Memorial Drive, Cambridge, MA
(32) Priority Date	:01/11/2012	02139 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor: 1)STERN, Howard, M.
(86) International Application No Filing Date	:PCT/US2013/067929 :01/11/2013	2)KUTOK "Jeffery, L.
(87) International Publication No	:WO 2014/071109	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provided herein are methods, kits, and pharmaceutical compositions that include a PI3 kinase inhibitor for treating cancers or hematologic disorders.

No. of Pages: 275 No. of Claims: 94

(22) Date of filing of Application :29/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : OPTICAL OBJECTIVE WITH ENLARGEMENT OF THE EXIT PUPIL BY MEANS OF A DIFFRACTIVE ELEMENT

 (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 	:G02B27/00 :12250162.0 :12/10/2012 :EPO :PCT/EP2013/057679 :12/04/2013 :WO 2014/056631 :NA :NA	(71)Name of Applicant: 1)VISION ENGINEERING LIMITED Address of Applicant: Send Road, Send, Woking Surrey GU23 7ER U.K. (72)Name of Inventor: 1)MERCER, Graham Peter Francis
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Optical instrument for producing an image to be viewed by an observer and comprising an optical system producing the image of an object that is viewable by an observer at the exit pupil and a diffractive element located in an image plane and producing an array of exit pupils that are perceivable as a single, enlarged exit pupil by the observer. The diffractive element comprises a surface which has an array of diffractive units, each of which generates one of the exit pupils, of said array of exit pupils, the diffractive units each comprising a lenticule that produces diffractive interference and generates a plurality of exit pupils that are displaced relative to one another in the form of an array of exit pupils the lenticules each comprising an irregular feature having a plurality of surfaces. The diffractive units are disposed progressively radially outwardly from the optical axis of the diffractive element and configured progressively to provide an increasing angular offset such that, independently of the location on the aperture of the diffractive element, light from the received image is relayed to a common region on the viewing plane across the aperture of the diffractive element.

No. of Pages: 27 No. of Claims: 29

(22) Date of filing of Application :29/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: OPTICAL INSTRUMENTS

(51) International :G02B5/18,G02B21/36,G02B27/42

classification (31) Priority Document No :12250161.2

(32) Priority Date :12/10/2012 (33) Name of priority country: EPO

(86) International Application

:PCT/EP2013/057715

:12/04/2013 Filing Date

(87) International Publication :WO 2014/056632

No

(61) Patent of Addition to

Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(71)Name of Applicant:

1) VISION ENGINEERING LIMITED

Address of Applicant :Send Road, Send, Woking, Surrey

GU23 7ER U.K.

(72) Name of Inventor:

1)MERCER, Graham ,Peter, Francis

(57) Abstract:

An optical instrument for producing an optical image to be viewed by an observer, the optical instrument comprising: an optical system for producing an optical image of an object which is viewable by an observer at an exit pupil; and a diffractive element located at an image plane of the optical system for producing an array of exit pupils, which are perceivable as a single, enlarged exit pupil by the observer; wherein the diffractive element comprises a surface which has an array of diffractive units, each of which generates one of the exit pupils of the array of exit pupils, the diffractive units each comprising replications of a pattern of a plurality of separated areas which are effective to produce diffractive interference of light and generate a plurality of exit pupils which are displaced relative to one another in the form of an array of exit pupils, such as to be viewable as a single continuous enlarged exit pupil, and the areas comprise irregular features of different sizes, both in horizontal and vertical section, which have curved surfaces at lateral faces thereof; wherein the diffractive units are disposed progressively radially outwardly from the optical axis of the diffractive element and configured progressively to provide for an increasing angular offset, such that, independent of location on the aperture of the diffractive element and without any relay lens arrangement, light from the received image is relayed to a common region on a viewing plane across the aperture of the diffractive element.

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

(21) Application No.3667/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/04/2015

(43) Publication Date: 20/11/2015

(54) Title of the invention: VARIABLE MAGNIFICATION OPTICAL SYSTEM, OPTICAL DEVICE, AND PRODUCTION METHOD FOR VARIABLE MAGNIFICATION OPTICAL SYSTEM

:G02B15/20,G02B13/18 (71)Name of Applicant : (51) International classification (31) Priority Document No :2012238726 (32) Priority Date :30/10/2012 (33) Name of priority country :Japan (86) International Application No :PCT/JP2013/079237 Filing Date :29/10/2013 (87) International Publication No :WO 2014/069446

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

1)NIKON CORPORATION

Address of Applicant: 12-1, Yurakucho 1-chome, Chiyoda-

ku, Tokyo 1008331 Japan (72) Name of Inventor: 1)OBAMA, Akihiko

2)SASHIMA, Tomoyuki

(57) Abstract:

Provided are a variable magnification optical system, an optical device and a production method for the variable magnification optical system. The variable magnification optical system comprises, in order from the object side, a positive first lens group (G1), a negative second lens group (G2), a positive third lens group (G3), a positive fourth lens group (G4), and a fifth lens group (G5). When changing magnification from a wide- angle end state to a telephoto end state, the interval between the first lens group (G1) and the second lens group (G2), the interval between the second lens group (G2) and the third lens group (G3), the interval between the third lens group (G3) and the fourth lens group (G4), and the interval between the fourth lens group (G4) and the fifth lens group (G5) changes, while the position of the fifth lens group (G5) remains fixed. The variable magnification optical system has high optical performance, is compact, and has a high zoom ratio due to satisfying a prescribed conditional expression.

No. of Pages: 139 No. of Claims: 22

(22) Date of filing of Application :29/04/2015 (43) Publication Date : 20/11/2015

:NA

:NA

(54) Title of the invention: VARIABLE MAGNIFICATION OPTICAL SYSTEM, OPTICAL DEVICE, AND PRODUCTION METHOD FOR VARIABLE MAGNIFICATION OPTICAL SYSTEM

:G02B15/20,G02B13/18 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)NIKON CORPORATION :2012238732 (32) Priority Date Address of Applicant: 12-1, Yurakucho 1-chome, Chiyoda-:30/10/2012 (33) Name of priority country ku ,Tokyo 1008331 Japan :Japan (86) International Application No :PCT/JP2013/079239 (72) Name of Inventor: Filing Date :29/10/2013 1)SASHIMA, Tomoyuki (87) International Publication No :WO 2014/069448 2)OBAMA, Akihiko (61) Patent of Addition to Application :NA Number :NA Filing Date

(57) Abstract:

Filing Date

Provided is a variable magnification optical system having " in order from the object side: a first lens group having a positive refractive power; a second lens group having a negative refractive power; a third lens group having a positive refractive power; a fourth lens group having a positive refractive power; and a fifth lens group having a positive refractive power. The variable magnification optical system is compact, has high optical performanc, e and has a high magnification ratio as a result of the interval between the first lens group, and the second lens group, the interval between the second lens group and the third lens group and the fifth lens group changing when magnification is changed from a wide- angle end state to a telescopic end state, and a prescribed formula being fulfilled. Also provided are an optical device and a production method for the variable magnification optical system.

No. of Pages: 116 No. of Claims: 18

(62) Divisional to Application Number

(22) Date of filing of Application :29/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : VARIABLE MAGNIFICATION OPTICAL SYSTEM, OPTICAL DEVICE , AND PRODUCTION METHOD FOR VARIABLE MAGNIFICATION OPTICAL SYSTEM

(71)Name of Applicant: (51) International classification :G02B15/20 (31) Priority Document No 1)NIKON CORPORATION :2012238735 (32) Priority Date Address of Applicant: 12-1, Yurakucho 1-chome, Chiyoda-:30/10/2012 (33) Name of priority country ku, Tokyo 1008331 Japan :Japan :PCT/JP2013/079240 (72) Name of Inventor : (86) International Application No Filing Date :29/10/2013 1)OBAMA ,Akihiko (87) International Publication No :WO 2014/069449 2)SASHIMA, Tomoyuki (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Provided are a variable magnification optical system, an optical device and a production method for the variable magnification optical system. The variable magnification optical system has, in order from the object side, a first lens group with positive refractive power, a second lens group with negative refractive power, and a third lens group with positive refractive power. When changing magnification from a wide- angle end state to a telephoto end sate, the interval between the first lens group and the second lens group, the interval between the second lens group and the third lens group and the interval between the third lens group and an image plane changes. When changing from the wide angle end state to the telephoto end sate a fixed lens group with a fixed position is nearest to the image side. When changing focus from an object at infinity to a nearby object the variable magnification optical system is compact due to the fact that the third lens group moves along the optical axis and the variable magnification optical system has high optical performance even when changing focus from an object at infinity to a nearby object.

No. of Pages: 131 No. of Claims: 26

(21) Application No.3493/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/04/2015

(43) Publication Date: 20/11/2015

(54) Title of the invention : METHOD FOR DETECTING VOIDS IN GYPSUM- BASED CONSTRUCTION BOARD AND METHOD FOR PRODUCING GYPSUM -BASED CONSTRUCTION BOARD

 (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 	:2012230499 :18/10/2012 :Japan :PCT/JP2013/066632 :17/06/2013 :WO 2014/061308 :NA :NA	(71)Name of Applicant: 1)YOSHINO GYPSUM CO.,LTD. Address of Applicant:Shin-Tokyo Bldg., 3-1, Marunouchi 3-Chome, Chiyoda- Ku, Tokyo 1000005 Japan (72)Name of Inventor: 1)YONEZAWA, Shinji 2)UENO, Yasutoshi
- 10	:NA :NA :NA	

(57) Abstract:

This method for detecting voids in a gypsum- based construction board involves: applying a cooling medium to the surface of a gypsum- based construction board in which heat has been generated by the hydration reaction of calcined gypsum, and cooling said surface thereof; and after the completion of said cooling detecting the temperature distribution of the surface of the gypsum -based construction board.

No. of Pages: 40 No. of Claims: 3

(21) Application No.3586/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :28/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: CASTING SYSTEM WITH TAPERED HEARTH

(51) International :B22D11/116,C22B34/12,F27B3/10

classification (31) Priority Document No :13/759370

(32) Priority Date :05/02/2013 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2014/010291

:06/01/2014

Filing Date (87) International Publication :WO 2014/123647

(61) Patent of Addition to

:NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant: 1)ATI PROPERTIES, INC.

Address of Applicant: 1600 N.E. Old Salem Road, Albany,

OR 97321 U.S.A.

(72) Name of Inventor: 1)COPLAND, Evan, H.

2)ARNOLD, Matthew, J. 3)MINISANDRAM, Ramesh, S.

(57) Abstract:

A casting system and method. The casting system can include an energy source and a hearth, which can have a tapered cavity. The tapered cavity can have a first end portion, and a second end portion and the tapered cavity can narrow between the first and second end portions. Further, the tapered cavity can have an inlet at the first end portion that defines an inlet capacity, and one or more outlets at the second end portion that define an outlet capacity. Where the cavity has a single outlet, the outlet capacity can be less than the inlet capacity. Where the cavity has multiple outlets, the combined outlet capacity can match the inlet capacity. Further, the cross sectional area of the tapered cavity near the inlet can be similar to the cross-sectional area of the inlet.

No. of Pages: 58 No. of Claims: 43

(19) INDIA

(22) Date of filing of Application :28/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: CABLE LABEL

 (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 	:G09F3/02,G09F3/14 :201220583130.9 :07/11/2012 :China :PCT/CN2013/082100 :22/08/2013 :WO 2014/071762 :NA :NA	(71)Name of Applicant: 1)ZTE CORPORATION Address of Applicant: ZTE Plaza Keji Road South Hi Tech Industrial Park Nanshan District Shenzhen Guangdong 518057 China (72)Name of Inventor: 1)ZHAI Shixuan 2)QIN Haiyan
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.3587/DELNP/2015 A

(57) Abstract:

A cable label (100). A through- hole (110) which is provided for a bundle buckle to pass through and a plurality of knockoff holes (120) are provided on the label (100), and the knockoff holes (120) are formed of discontinuous annular kerf (121), and each knockoff hole (120) is provided with an identification. When a cable is marked it is merely required to knock off an intermediate material (122) of a knockoff hole (120) corresponding to the identification of the cable, which can be used to mark cables with different uses, has high versatility and easy management.

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

(22) Date of filing of Application :28/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: METHOD FOR PRODUCING ACETIC ACID

(51) International :C07C51/12,B01J31/16,C07C51/44 classification

(31) Priority Document No :2012279114 (32) Priority Date :21/12/2012

(33) Name of priority country: Japan

(86) International Application :PCT/JP2013/082334

:02/12/2013 Filing Date

(87) International Publication :WO 2014/097867

(61) Patent of Addition to **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(71)Name of Applicant:

1)DAICEL CORPORATION

Address of Applicant: 3-4-5, Umeda, Kita-ku, Osaka-shi,

Osaka 5300001 Japan (72) Name of Inventor: 1)SHIMIZU Masahiko

2)SAITO Rvuji 3)MIURA Hiroyuki

(57) Abstract:

Provided is a method for efficiently removing acetaldehyde and producing high-purity acetic acid in a stable manner. Methanol and carbon monoxide are reacted continuously in a carbonylation reactor (1) in the presence of a catalyst system, the reaction mixture is supplied continuously to a flasher (2), and a volatile phase (2A) containing acetic acid and methyl iodide is produced. The volatile phase (2A) is supplied continuously to a splitter column (3) and separated into overhead (3A) containing methyl iodide and acetaldehyde, and flow fraction (3B) containing acetic acid. The volatile phase (2A) and/or overhead (3A) are cooled by first condensers (C1, C3) having a predetermined cooling temperature, the uncondensed gas component is further cooled by second condensers (C2, C4) and condensed, the temperature is lowered further, and a concentrate in which acetaldehyde has been concentrated to a high concentration is produced. The high -concentration acetaldehyde concentrate is distilled by a distillation column (6), and the acetaldehyde is efficiently removed.

No. of Pages: 105 No. of Claims: 17

(21) Application No.3680/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: A PROGRAMMABLE LOGIC CIRCUIT

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:H04N5/57,H04N5/14,H04N5/208 :NA :- :: :PCT/TR2014/000125 :21/04/2014 :WO 2015/163831	(71)Name of Applicant: 1)ASELSAN ELEKTRONIK SANAYI VE TICARET ANONIM SIRKETI Address of Applicant: Mehmet Akif Ersoy Mahallesi 296. Cadde No:16 Yenimahalle 06370 Ankara Turkey (72)Name of Inventor: 1)KIZILOZ Cemil
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract:

The present invention relates to a programmable logic circuit (1), which is developed for day and night sight systems (thermal camera , day tv camera , etc.), is designed using hardware description language can be implemented , and is capable of making the details on an image visible without requiring any other intelligent device.

No. of Pages: 11 No. of Claims: 6

(22) Date of filing of Application :27/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: COLLAPSIBLE WHEELS AND METHODS OF MAKING COLLAPSIBLE WHEELS

 (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 	:B60B19/00 :61/719634 :29/10/2012 :U.S.A. :PCT/US2013/066843 :25/10/2013 :WO 2014/070609 :NA :NA :NA	(71)Name of Applicant: 1)KARSTEN MANUFACTURING CORPORATION Address of Applicant: 2201 West Desert Cove, Phoenix ,Arizona 85029 U.S.A. (72)Name of Inventor: 1)SOLHEIM, John A.; 2)COLE, Eric V.;
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(57) Abstract:

Embodiments of collapsible wheels and methods of making collapsible wheels are generally described herein. Other embodiments may be described and claimed. Some sporting equipment may require a wheeled vehicle for transportation. A wheel is described including a plurality of wheel sections. Each wheel section has a hub having a central bore and at least one spoke attached to the hub and to a rim portion. The plurality of wheel sections are rotatable relative to each other from a collapsed position to an expanded position.

No. of Pages: 47 No. of Claims: 25

(22) Date of filing of Application :28/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : DOT PATTERN DOT PATTERN FORMING MEDIUM PROGRAM FOR GENERATING IMAGE DATA FOR DOT PATTERN DOT PATTERN FORMING APPARATUS OPTICAL DEVICE OPTICAL DEVICE READER INFORMATION I/O DEVICE DOT PATTERN READER

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G06K19/06,G06K1/12,G06K7/10 :2012219902 :01/10/2012 :Japan	(71)Name of Applicant: 1)YOSHIDA Kenji Address of Applicant: 9 14 2302 Koishikawa 1 chome Bunkyo ku Tokyo 1120002 Japan
(86) International Application No Filing Date	:PCT/JP2013/076722 :01/10/2013	(72)Name of Inventor: 1)YOSHIDA Kenji
(87) International Publication No	:WO 2014/054647	
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provided is a novel dot pattern that is a technique for realizing the definition of information according to the distance and direction between two dots rather than the positions in which dots are arranged, where, in contrast to the prior art described above, the novel dot pattern: (1) is capable of being read even when the printing resolution or reading resolution is low, (2) has a large amount of information capable of being defined by a small number of dots, (3) is capable of being decoded at high speed, (4) is easily read even when the arrangement of an imaged dot pattern is markedly deformed, and (5) is not easy to visually decipher. A dot pattern provided with at least a set comprising a starting-point-information dot, which is an information-dot-representing a starting point, and a terminal-point-information dot which is an information dot representing a terminal point; the plurality of information dots being arranged so that the spacing between information dots that are adjacent in a prescribed sequence from the starting-point-information dot has a prescribed distance value or a prescribed distance value between predetermined directions; and a code being encoded on the basis of the prescribed distance value or the prescribed distance value between the predetermined directions has.

No. of Pages: 98 No. of Claims: 51

(22) Date of filing of Application :30/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: MIXING CHAMBER FOR TWO FLUID CONSTITUENTS

 (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 	:61/709586 :04/10/2012 :U.S.A. :PCT/US2013/062996 :02/10/2013 :WO 2014/055608 :NA :NA	(71)Name of Applicant: 1)ARMINAK & ASSOCIATES, LLC Address of Applicant:1350 Mountain View Circle, Azusa, CA 91702 U.S.A. (72)Name of Inventor: 1)ARMINAK, Armin
Filing Date	:NA	

(57) Abstract:

A mixing chamber for two fluid constituents is disclosed which provides improved mixing before the mixture is pushed through a mesh insert for the production of foam. Foam production using air and liquid is the basis of the exemplary embodiment though the disclosed mixing chamber could be used for any two fluid constituents. A single stream of air is diffused into a plurality of smaller streams of air. The single stream of liquid is directed into an annular sleeve resulting in a thinner wall of liquid flow as compared to the entering liquid stream. This annular sleeve of a thinner wall of liquid flow surrounds the plurality of smaller streams of air. In a second embodiment, there are individual streams of liquid which are directed inwardly toward the individual streams of air. The mixing chamber construction is disclosed herein can be used for any two fluid constituents which would benefit for more thorough mixing.

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

(21) Application No.3678/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: PIEZO INJECTOR

(51) International classification	:F02M63/00,F02M47/02	(71)Name of Applicant:
(31) Priority Document No	:10 2012 222 509.9	1)CONTINENTAL AUTOMOTIVE GMBH
(32) Priority Date	:07/12/2012	Address of Applicant :Vahrenwalder Strae 9, 30165 Hannover
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2013/075693	(72)Name of Inventor:
Filing Date	:05/12/2013	1)JAGANI, Jignesh;
(87) International Publication No	:WO 2014/086933	2)KEREKGYARTO, Janos;
(61) Patent of Addition to Application	:NA	3)KROTOW, Ivan;
Number	:NA	4)SCHRZ,Willibald;
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A piezo injector comprises: - an actuator space (119) in which a piezo actuator (104) is arranged ,- a control piston bore (121) in which a control piston (110) with an end face (118) is arranged ,- a leakage pin (106) which is arranged between the piezo actuator (104) and the end face (118) to couple the piezo actuator (104) with the control piston (110), and - a union (109; 113) for fluidic communication with the control piston bore (121) which union has a hydraulic throttle (120).

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

(21) Application No.3497/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: METAL-RESIN COMPOSITE, AND METHOD FOR PRODUCING SAME

:B32B15/08,B29C45/14 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)SUMITOMO BAKELITE CO.,LTD. :2012230011 (32) Priority Date Address of Applicant: 5-8, Higashi-Shinagawa 2-chome :17/10/2012 (33) Name of priority country Shinagawa- ku, Tokyo 1400002 Japan :Japan (86) International Application No (72) Name of Inventor: :PCT/JP2013/077438 1)Koji KOlZUMI Filing Date :09/10/2013 (87) International Publication No :WO 2014/061520 2)Yusuke WATANABE 3)Yoshihiro TAKIHANA (61) Patent of Addition to Application :NA Number 4)Shinya YAMAMOTO :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

This metal -resin composite (100), comprising a resin member (101) and a metal member (102) joined to one another is obtained by joining the resin member (101) and the metal member (102) to one another. The resin member (101) comprises a thermosetting resin composition (P) including a thermosetting resin (A) as a resin component. The metal member (102) has a gloss of 0.1- 30 inclusive ,at least at the joint surface (103) that joins to the resin member (101). In this case , the gloss indicates a value at a measurement angle of 60° , measured in conformance with ASTM -D523.

No. of Pages: 58 No. of Claims: 15

(22) Date of filing of Application :28/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: RADIOPAQUE MARKER FOR BIORESORBABLE STENTS

 (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 	:A61F2/915 :61/718532 :25/10/2012 :U.S.A. :PCT/EP2013/072239 :24/10/2013 :WO 2014/064180 :NA :NA	(71)Name of Applicant: 1)ARTERIAL REMODELING TECHNOLOGIES SA Address of Applicant: 3 rue de Verdun, 78590 Noisy Le Roi France (72)Name of Inventor: 1)VIAL, Batrice 2)VAN DER LEEST, Machiel
Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present patent application relates to a method of applying a radiopaque marker to a tubular stent. A radiopaque marker for a tubular stent is constructed of a radiopaque material and configured with a roof portion and a pair of wall portions extending approximately perpendicular to the roof portion. The radiopaque marker is applied to a tubular stent by a method including the steps of forming the tubular stent with a pair of openings through a wall of the tubular stent; inserting the wall portions of the radiopaque marker into the openings in the wall of the tubular stent; and heat treating the tubular stent to retain the wall portions of the radiopaque marker within the openings in the wall of the tubular stent. The heat treating step also embeds the roof portion of the radiopaque marker onto the wall of the tubular stent. The method of the invention is particularly adapted for applying a radiopaque marker to a bioresorbable polymeric vascular stent.

No. of Pages: 18 No. of Claims: 17

(21) Application No.3593/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :28/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: CRIMPING METHOD FOR BIORESORBABLE STENTS

(51) International classification	:A61F2/958,A61F2/915	(71)Name of Applicant:
(31) Priority Document No	:61/718549	1)ARTERIAL REMODELING TECHNOLOGIES, SA
(32) Priority Date	:25/10/2012	Address of Applicant :3 rue de Verdun, F- 78590 Noisy Le
(33) Name of priority country	:U.S.A.	Roi France
(86) International Application No	:PCT/EP2013/072247	(72)Name of Inventor:
Filing Date	:24/10/2013	1)VIAL ,Batrice
(87) International Publication No	:WO 2014/064183	2)VAN DER LEEST, Machiel
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present patent application relates to a method of crimping a tubular stent having a stent lumen onto an inflatable balloon of a stent delivery catheter.

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

(21) Application No.3683/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: INSULATING CONSTRUCTION MATERIALS WITH A BASE OF VEGETAL ADDITIONS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No	:C04B28/02,C04B28/04,C04B111/00 :1260689 :09/11/2012 :France :PCT/EP2013/073647 :12/11/2013	(71)Name of Applicant: 1)LAFARGE Address of Applicant:61 rue des Belles Feuilles, F- 75116 Paris France (72)Name of Inventor: 1)CHANVILLARD, Gilles 2)HOANG, La-Chian 3)SABIO, Serge
Filing Date (87) International	:12/11/2013	4)PEREZ ,Nicolas
Publication No	:WO 2014/072533	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to an insulating construction material with low thermal conductivity comprising vegetal additions, as well as to a process for preparation and to uses of such a material.

No. of Pages: 27 No. of Claims: 11

(22) Date of filing of Application :30/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : DYNAMIC PRESSURE REGISTRATION DEVICE FOR INTERNALLY REGISTERED ACTUATORS AND OVERPRESSURE PROTECTION DEVICES

 (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 	:F16K31/165 :61/708530 :01/10/2012 :U.S.A. :PCT/US2013/062796 :01/10/2013 :WO 2014/055469 :NA :NA :NA	(71)Name of Applicant: 1)EMERSON PROCESS MANAGEMENT REGULATOR TECHNOLOGIES, INC. Address of Applicant: 310 East University Drive, McKinney, TX 75070 U.S.A. (72)Name of Inventor: 1)HAWKINS, James, Chester 2)DAVIS, David, Blair 3)MASIAS, Justin, Lane
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(57) Abstract:

A fluid regulating device includes a regulator valve (12) having an inlet (14), an outlet (16), and a valve port (18) disposed between the inlet (14) and the outlet (16). An actuator (20) is coupled to the regulator valve (12) and includes a valve disc (22) that displaces between a closed position and an open position. The device also includes an overpressure protection device (25) adapted to stop flow from the inlet to the outlet when pressure in a control cavity reaches a predetermined level. The overpressure protection device (25) includes a sensing tube (28) having a first end (29) in fluid communication with the control cavity (27) and a second end (30) in fluid communication with the outlet (16). The sensing tube (28) has a first portion extending parallel to the flow axis. One or more apertures (34) are disposed in the sensing tube (28) adjacent to the second end (30), and each of the apertures (34) has a centerline that is perpendicular to the flow axis.

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

(22) Date of filing of Application :24/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: DUAL CONNECTOR INTERFACE FOR CAPACITIVE OR CONDUCTIVE COUPLING

 (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 	:H01R24/28 :13/673084 :09/11/2012 :U.S.A. :PCT/US2013/059392 :12/09/2013 :WO 2014/074219 :NA :NA :NA	(71)Name of Applicant: 1)ANDREW LLC Address of Applicant:1100 CommScope Place, SE, Hickory, North Carolina 28602 U.S.A. (72)Name of Inventor: 1)VAN SWEARINGEN, Kendrick 2)VACCARO, Ronald 3)PAYNTER, Jeffrey 4)GUERIN, Michael
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(57) Abstract:

A connection interface with a female portion for interconnection with a conductive male portion or a capacitive coupling male portion interface provides conductive coupling when interconnected with the conductive male portion and capacitive coupling when coupled with the capacitive coupling male portion. The female portion may include a spring basket dimensioned to receive a pin of the conductive male portion and to seat within a socket of the conductive male portion, separated by an inner conductor dielectric spacer.

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

(22) Date of filing of Application :28/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : PROCESS FOR THE CONVERSION OF A HYDROCARBON FEEDSTOCK INTO A SYNTHESIS GAS

 (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 	:1219960.0 :06/11/2012 :U.K. :PCT/GB2013/052663 :11/10/2013 :WO 2014/072679 :NA :NA	(71)Name of Applicant: 1)JOHNSON MATTHEY PUBLIC LIMITED COMPANY Address of Applicant:5th floor, 25 Farringdon Street, London EC4A 4AB U.K. (72)Name of Inventor: 1)FARNELL, Peter William
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A process for the conversion of a hydrocarbon feedstock into a synthesis gas is described comprising: (i) passing a first stream comprising a hydrocarbon and steam to externally- heated catalyst- filled tubes in a heat exchange reformer where steam reforming reactions take place to generate a first reformed gas mixture, (ii) passing a second stream comprising a hydrocarbon and steam ,after a heating step , to an autothermal reformer, where it is combined with an oxidant gas containing free oxygen and autothermally reformed to generate a second reformed gas mixture (iii) mixing the second reformed gas mixture and the first reformed gas mixture to form a combined reformed gas mixture, and (iv) using the combined reformed gas mixture to heat the catalyst filled tubes in the heat exchange reformer to form a partially- cooled combined reformed gas mixture , wherein the partially- cooled combined reformed gas mixture is used to pre- heat the second stream fed to the autothermal reformer.

No. of Pages: 18 No. of Claims: 15

(21) Application No.3687/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: METHOD FOR PREPARING ALKALI METAL SULPHIDE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 		(71)Name of Applicant: 1)ARKEMA FRANCE Address of Applicant: 420, Rue d'Estienne d'Orves, F- 92700 Colombes France (72)Name of Inventor: 1)SCHMITT, Poul Cuilleume
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:13/11/2013 :WO 2014/076416 :NA :NA :NA	1)SCHMITT, Paul Guillaume 2)FREMY ,Georges

(57) Abstract:

The present invention concerns a method for preparing an alkali metal sulphide, from at least one oxygenated alkali metal compound comprising at least one step a) consisting of reacting said oxygenated alkali compound(s) with at least one sulphur compound of formula (I): in which: - R represents a linear or branched alkyl or alkenyl radical ,containing 1 to 6 carbon atoms , preferably 1 to 4 carbon atoms; - n is equal to 0 , 1 or 2; - x is equal to 0 or to a whole number having a value of between 1 and 10 preferably x is a whole number equal to 1 , 2 , 3 or 4; - R represents a linear or branched alkyl or alkenyl radical, containing 1 to 6 carbon atoms , preferably 1 to 4 carbon atoms, or only if n = x = 0, a hydrogen atom; - or indeed R and R can form , together and with the sulphur atom(s) bearing them , a sulphur heterocycle containing 2 to 12 carbon atoms , preferably 2 to 8 carbon atom,s and optionally one or a plurality of heteroatoms chosen from oxygen , nitrogen and sulphur.

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

(22) Date of filing of Application :30/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: THERMOPLASTIC POLYURETHANES WITH CRYSTALLINE CHAIN ENDS

(51) International :C08G18/48,C08G18/66,C08G18/76 classification

(31) Priority Document No :61/720563 (32) Priority Date :31/10/2012 (33) Name of priority country:U.S.A.

(86) International :PCT/US2013/064763

Application No :14/10/2013 Filing Date

(87) International Publication :WO 2014/070426

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to :NA **Application Number** :NA

Filing Date

(71)Name of Applicant:

1)LUBRIZOL ADVANCED MATERIALS INC.

Address of Applicant: 9911 Brecksville Road, Cleveland

Ohio 44141 3247 U.S.A. (72)Name of Inventor: 1)MAKAL, Umit G.

2)STEINMETZ, Bryce W.

3)LU,Qiwei 4)DAY, Roger W.

(57) Abstract:

The present invention relates to novel thermoplastic polyurethane (TPU) compositions that have crystalline chain ends. The TPU compositions of the invention can provide improved resiliency, lower surface free energy, and/or reduced stickiness, while maintaining other desirable physical properties. The present invention also provides the described TPU compositions that are further grafted with vinyl alkoxysilane moieties allowing for crosslinked networks of the TPU compositions. The present invention also provides plasticizer -free, very soft TPU compositions without the processing difficulties often associated with such materials. The invention further provides means of reducing the surface tension of a TPU composition which can allow for improved blend compositions, and means of crosslinking the described TPU compositions.

No. of Pages: 41 No. of Claims: 28

(22) Date of filing of Application :28/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: AUTOMATIC DRUG DELIVERY DEVICES

:17/10/2013

(51) International classification :A61M5/20,A61M5/00,A61M5/32 (71)Name of Applicant :

(31) Priority Document No :1218667.2 (32) Priority Date :17/10/2012

(33) Name of priority country :U.K.

(86) International Application :PCT/EP2013/071805

Filing Date

(87) International Publication :WO 2014/060563

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number

:NA Filing Date

1)OVAL MEDICAL TECHNOLOGIES LIMITED

Address of Applicant: The Innovation Centre, Unit 23 Cambridge Science Park, Milton Road, Cambridge

Cambridgeshire CB4 0EY U.K.

(72)Name of Inventor:

1)YOUNG, Matthew

2)LAMBLE, Ralph

(57) Abstract:

The invention provides in one aspect a drug delivery device comprising a drug container (16), and a plunger (18) positioned within the container assembly, the drug container assembly having an outlet for dispensing the drug, wherein, in an initial position, the outlet is sealed; a drive mechanism comprising a first stored energy source (42) operable to apply pressure on the plunger or the drug container to pressurise the drug, and a first release mechanism operable to unseal the outlet after the drug has been pressurised. In another aspect, there is provided a drug delivery device comprising a housing, including an external housing portion configured to be held in use and a drug containing portion containing a drug, a needle assembly comprising a needle fixed to a needle hub, the needle hub configured to move relative to the drug containing portion from an initial position within the housing to an insertion position in which the needle extends beyond the housing a first stored energy source configured to move the needle hub from the initial position to the insertion position and a plunger within the housing and configured to move relative to the drug containing portion to eject the drug through the needle when the needle is in the insertion position.

No. of Pages: 70 No. of Claims: 51

(22) Date of filing of Application :30/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: SEMICONDUCTOR DEVICE HAVING FEATURES TO PREVENT REVERSE ENGINEERING

 (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 	:H03K19/20 :13/663921 :30/10/2012 :U.S.A. :PCT/US2012/069819 :14/12/2012 :WO 2014/070216 :NA :NA :NA	(71)Name of Applicant: 1)STATIC CONTROL COMPONENTS, INC. Address of Applicant:3010 Lee Avenue, Sanford, North Carolina 27331 U.S.A. (72)Name of Inventor: 1)THACKER, III, William Eli 2)TENCZAR, Robert Francis 3)HOKE, Michael Clinton
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(57) Abstract:

It is desirable to design and manufacture electronic chips that are resistant to modern reverse engineering techniques. Disclosed is a method and device that allows for the design of chips that are difficult to reverse engineer using modern tear down techniques. The disclosed device uses devices having the same geometry but different voltage levels to create different logic devices. Alternatively, the disclosed uses devices having different geometries and the same operating characteristics. Also disclosed is a method of designing a chip using these devices.

No. of Pages: 37 No. of Claims: 31

(21) Application No.3694/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: WORK VEHICLE AND WORK VEHICLE CONTROL METHOD

 (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 	:E02F9/24 :NA :NA :NA :PCT/JP2013/070365 :26/07/2013 :WO 2015/011832 :NA :NA :NA	(71)Name of Applicant: 1)KOMATSU LTD. Address of Applicant:2- 3- 6, Akasaka, Minato- ku, Tokyo 1078414 Japan (72)Name of Inventor: 1)TACHIBANA Tatsuhiko 2)HIMOTO Manabu 3)TSUMURA Daisuke
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(57) Abstract:

When a locking member is switched from a locked position to a released position, a lock valve switching unit switches a lock valve from a locked state to a released state. A misoperation monitoring unit keeps the lock valve in the released state if the pilot pressure is greater than or equal to a prescribed pressure when the elapsed time from when the locking member switches from the locked position to the released position is greater than or equal to a first prescribed time. The misoperation monitoring unit switches the lock valve to a locked state if when the elapsed time is less than the first prescribed time the pilot pressure is greater than or equal to the prescribed pressure and the time duration thereof is greater than a second prescribed time. The misoperation monitoring unit allows the lock valve to be switched by the lock valve switching unit if when the elapsed time is less than the first prescribed time, the pilot pressure is greater than or equal to the prescribed pressure and the time duration thereof is less than or equal to the second prescribed time.

No. of Pages: 32 No. of Claims: 14

(21) Application No.3695/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: CONTAINERS AND METHODS FOR ISOLATING LIQUIDS PRIOR TO DISPENSING

(51) International :B65D47/08,B65D1/04,B65D81/32

classification

(31) Priority Document No :61/746791 (32) Priority Date :28/12/2012 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2013/073509

:06/12/2013

Filing Date (87) International Publication

:WO 2014/105390

(61) Patent of Addition to **Application Number**

:NA Filing Date (62) Divisional to Application :NA

Number :NA

Filing Date

(71)Name of Applicant:

1)KRAFT FOODS GROUP BRANDS LLC

Address of Applicant : Three Lakes Drive, Northfield, Illinois

60093 U.S.A.

(72) Name of Inventor:

1)DE CLEIR ,Piaras Valdis

(57) Abstract:

A container (100) or isolating first and second fluids such as beverage concentrate components, until dispensing is provided, as well as methods of assembly and dispensing. The container can have first (111) and second (113) enclosed bodies for containing the first and second fluids to be dispensed and an insert (130) directing fluid from the enclosed bodies such as toward one or more valves or separate discharge paths (148a, 148b).

No. of Pages: 65 No. of Claims: 54

(21) Application No.3421/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :22/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: INHIBITORS OF HISTONE DEMETHYLASES

(51) International :C07D213/79,C07D401/12,C07D405/12 classification

(31) Priority Document

:PA 2012 00599

:02/10/2012 (32) Priority Date (33) Name of priority

country

:Denmark

(86) International Application No

:PCT/EP2013/070457 :01/10/2013

Filing Date

(87) International

:WO 2014/053491

Publication No (61) Patent of Addition to :NA

:NA

Application Number Filing Date

(62) Divisional to :NA **Application Number** :NA

Filing Date

(71)Name of Applicant:

1)EPITHERAPEUTICS APS

Address of Applicant :Ole Maal es Vei 3, DK-2200

K benhavn N Denmark

(72)Name of Inventor:

1)LABELLE, Marc

2)BOESEN, Thomas

3)MEHROTRA, Mukund

4)KHAN, Qasim

5)ULLAH ,Farman

(57) Abstract:

The present application discloses compounds capable of modulating the activity of histone demethylases (HDMEs) which are useful for prevention and/or treatment of diseases in which genomic dysregulation is involved in the pathogenesis such as e.g. cancer. The present application also discloses pharmaceutical compositions comprising said compounds and the use of such compounds as a medicament. The compounds take the form (I).

No. of Pages: 221 No. of Claims: 16

11)WALKER, Daniel Patrick

14)ZAPF, Christoph Wolfgang 15)SCHMIDT ,Michelle ,Ann

12)WAN, Zhao-Kui

13)XING,Li

(19) INDIA

(22) Date of filing of Application :22/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: BRUTON S TYROSINE KINASE INHIBITORS

(71)Name of Applicant: 1)PFIZER INC. (51) International :C07D401/04,A61K31/4155,A61K31/454 Address of Applicant :235 East 42nd Street, New York, New classification (31) Priority Document York 10017 U.S.A. :61/721920 (72) Name of Inventor: (32) Priority Date :02/11/2012 1)SPRINGER, John Robert (33) Name of priority 2)DEVADAS, Balekudru :U.S.A. country 3) GARLAND , Danny James (86) International 4)GRAPPERHAUS, Margaret Lanahan :PCT/IB2013/059846 Application No 5)HAN, Seungil :01/11/2013 Filing Date 6)HOCKERMAN ,Susan Landis (87) International 7) HUGHES, Robert Owen :WO 2014/068527 **Publication No** 8)SAIAH ,Eddine 9)SCHNUTE, Mark Edward (61) Patent of Addition :NA 10) SELNESS, Shaun Raj to Application Number :NA

(57) Abstract:

Filing Date (62) Divisional to

Application Number

Filing Date

Disclosed herein are compounds that form covalent bonds with Bruton's tyrosine kinase (BTK). Methods for the preparation of the compounds are disclosed. Also disclosed are pharmaceutical compositions that include the compounds. Methods of using the BTK inhibitors are disclosed, alone or in combination with other therapeutic agents, for the treatment of autoimmune diseases or conditions, heteroimmune diseases or conditions, cancer, including lymphoma, and inflammatory diseases or conditions. (Formula I)

No. of Pages: 213 No. of Claims: 28

:NA

:NA

(21) Application No.3617/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :28/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: FLUID CATALYTIC CRACKING PROCESS

(51) International classification :C07C2/04,C07C4/06,C07C11/06 (71)Name of Applicant: (31) Priority Document No :61/725231

(32) Priority Date :12/11/2012 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2013/069406

No :11/11/2013 Filing Date

(87) International Publication :WO 2014/074975

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)UOP LLC

Address of Applicant :25 East Algonquin Road, P. O. Box

5017. Des Plaines .Illinois 60017 -5017 U.S.A.

(72)Name of Inventor:

1)WEGERER .David A.

2) VANDEN BUSSCHE, Kurt M.

3)KRUSE, Todd M.

4)MEHLBERG, Robert L.

5)FEI, Zhihao

(57) Abstract:

One exemplary embodiment can be a process for fluid catalytic cracking. The process can include providing a first feed including one or more heavy hydrocarbons to a riser of a riser-reactor, and obtaining a second feed from an oligomerization zone. Usually, the second feed includes one or more light alkene oligomeric hydrocarbons and is provided downstream from the first feed for producing propene.

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

(22) Date of filing of Application :28/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: EMBEDDING CASSETTE EMBEDDING MOLD AND EMBEDDING ASSEMBLY FOR BIOPSY

(51) International classification	:G01N1/36,G01N33/48	(71)Name of Applicant:
(31) Priority Document No	:1020130003852	1)JUNG ,Sun Mi
(32) Priority Date	:14/01/2013	Address of Applicant :123 -701, Sema e -Pyeonhansesang Apt.
(33) Name of priority country	:Republic of Korea	Yangsan -dong Osan -si Gyeonggi- do 447- 768 Republic of
(86) International Application No	:PCT/KR2013/010824	Korea
Filing Date	:27/11/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2014/109480	1)JUNG, Sun Mi
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is an embedding cassette for biopsy to embed tissue received in 5 an embedding mold provided with a space to receive the tissue when the embedding cassette is combined with the embedding mold, including a body provided with a space communicating with the receipt space of the combined embedding mold so that an injected paraffin solution may coagulate therein during embedding of the tissue and at least one paraffin barrier groove formed at the edge of the lower surface 10 of the body, and, when the embedding cassette is combined with the embedding mold and embedding of the tissue is carried out, the injected paraffin solution flows into the at least one paraffin barrier groove and forms a barrier and, thereby, leakage of the paraffin solution between the embedding cassette and embedding mold is prevented.

No. of Pages: 31 No. of Claims: 18

(21) Application No.3710/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: SURFACE- COATING MATERIAL, CUTTING TOOL IN WHICH SAID MATERIAL IS USED, AND WORKING MACHINE IN WHICH SAID MATERIAL IS USED

:B23B27/14,C23C14/06 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)MITSUBISHI HEAVY INDUSTRIES .LTD. :2013022091 (32) Priority Date :07/02/2013 Address of Applicant :16-5, Konan 2- chome, Minato -ku (33) Name of priority country Tokyo 1088215 Japan :Japan (86) International Application No :PCT/JP2014/052025 (72)Name of Inventor: Filing Date :30/01/2014 1)MISAKI, Masanobu (87) International Publication No :WO 2014/123053 2) KIKUCHI, Taiji (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The present invention provides a surface- coating material capable of exhibiting high peeling resistance and high chipping resistance. A surface- coating material (10) is provided with a base material (11), a bottom layer (12), and a top layer (13). The base material (11) comprises high speed tool steel or cemented carbide. The bottom layer (12) is provided on the surface of the base material (11) and comprises at least one nitride of titanium, aluminum, chromium, and zirconium. The top layer (13) is provided on the surface of the bottom layer (12) and is formed by alternatingly laminating an A layer and/or a B layer. The A layer comprises a nitride of aluminum, chromium, and yttrium.

No. of Pages: 32 No. of Claims: 12

(22) Date of filing of Application :28/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: MOTOR VEHICLE REAR AXLE ASSEMBLY COMPRISING AN AERODYNAMIC FAIRING

 (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 	:B60G21/05 :A/10031/2012 :29/09/2012 :Romania :PCT/FR2013/051615 :05/07/2013 :WO 2014/049215 :NA :NA :NA	(71)Name of Applicant: 1)RENAULT S.A.S. Address of Applicant: 13- 15 quai Le Gallo, F- 92100 Boulogne Billancourt France (72)Name of Inventor: 1)GULIE, Camelia 2)PLESUVESCU, Elena
Filing Date	:NA	

(57) Abstract:

Motor vehicle rear axle assembly comprising a central crossbeam (1) perpendicular to the longitudinal direction of the vehicle and interposed between lateral arms (2) situated one on each side of the vehicle and connected by their front end (200) to the structure thereof and supporting at their rear end (201) vehicle rear wheel sub axle supports (3), characterized in that it comprises an aerodynamic fairing (5) covering, from underneath, the central crossbeam (5) and that part of the lateral arms (2) that extends between the ends of the central crossbeam (1) and the rear ends (201) of the lateral arms (2), the aerodynamic fairing (5) being a plastic component made in one piece with the overall shape of a U at least part of the central branch of the U of which is shaped to fit and close off a downwardly facing opening formed along the central crossbeam (1).

No. of Pages: 17 No. of Claims: 9

(22) Date of filing of Application :28/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: ANTI TERMITE CABLE SHEATHING COMPRISING AN ALIPHATIC POLYAMIDE X.Y WITH X+Y>18, AN UV ABSORBER AND/OR UV STABILIZER, AND AN ANTIOXIDANT

(51) International classification :H01B3/30,H01B7/17,H01B7/28 (71) Name of Applicant:

:NA

(31) Priority Document No :12.62523 (32) Priority Date :21/12/2012

(33) Name of priority country :France

(86) International Application No:PCT/IB2013/002942

Filing Date :17/12/2013

(87) International Publication No: WO 2014/096951

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date

(62) Divisional to Application :NA Number

Filing Date

1)ARKEMA FRANCE

Address of Applicant :420, rue d'Estienne d'Orves, F- 92700

Colombes France

(72)Name of Inventor:

1)DANG, Patrick

2)KHUSRAWY, Maliha 3)LI, Zhenzhong

4)POMMIER DE SANTI, Marie

5) RAULINE, Damien

(57) Abstract:

The present invention relates to the use of a composition comprising: a) at least one aliphatic polyamide having at least two units corresponding to the following general formula: X.Y in which: X.Y represents a unit obtained by polycondensation of: -a diamine containing X carbon atoms and, a dicarboxylic acid containing Y carbon atoms and such that the sum of X+Y is strictly superior to 18, b) at least one UV absorber and eventually at least one UV stabilizer c) at least one antioxidant with preferably a weight ratio of antioxidant over light stabilizer being less than or equal to 0.7, to manufacture a mono or multilayer cable sheathing resistant to termite damage. The present invention also relates to a cable sheathing made of a composition according to the invention, a process to manufacture a cable sheathing according to the invention, and the use of a cable sheathing according to the invention in an electric or optical fiber cable.

No. of Pages: 33 No. of Claims: 18

(21) Application No.3704/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: AN ENERGY SAVING FLUID

 (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 	:C09K5/10 :NA :NA :NA :PCT/IB2012/056018 :30/10/2012 :WO 2014/068367 :NA :NA :NA	(71)Name of Applicant: 1)ISTANBUL KURUMSAL PAZARLAMA DANISMANLIK KIMYA SANAYI VE TICARET ANONIM SIRKETI Address of Applicant: Baris Mah. Birlik San Sitesil.Is Merkezi, Kat:3 D., 3045 Beylikduzu, Istanbul Turkey 2)OZDORUK, Umit (72)Name of Inventor: 1)OZDORUK, Umit
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(57) Abstract:

This invention relates to an energy saving fluid composition used in both cooling and heating heat transfer systems. The energy saving fluid composition reduces the energy consumption and increases the heat transfer performance in heat transfer systems operated with water.

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

(21) Application No.3706/DELNP/2015 A

Florida 32601 U.S.A.

(72) Name of Inventor:

1)TOREKI, William

Address of Applicant :902 N.W. 4th Street, Gainesville

(19) INDIA

(22) Date of filing of Application :30/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : REGENERATION OF ANTIMICROBIAL COATINGS CONTAINING METAL DERIVATIVES UPON EXPOSURE TO AQUEOUS HYDROGEN PEROXIDE

(51) International classification :A61L2/18,A61L2/16,A61L2/23 (71) Name of Applicant : (31) Priority Document No :61/740075 1)OUICK- MED TECHNOLOGIES, INC.

(31) Priority Document No :61/740075 (32) Priority Date :20/12/2012

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

(86) International Application No :PCT/US2013/077333 Filing Date :21/12/2013

(87) International Publication No :WO 2014/100778

(61) Patent of Addition to
Application Number
Filing Date
:NA

(62) Divisional to Application
Number

Filing Date

:NA

:WO 2014/100778 **2)KANGA ,Rustom** :NA

(57) Abstract:

This invention relates to regenerable antimicrobial coatings with long- lasting efficacy for use in medical applications including implants medical instruments or devices, and hospital equipment. The same coatings would also have broad utility in the consumer, industrial, and institutional markets. The coating technology would be based on sequestration of hydrogen peroxide (HP) by zinc oxide binders incorporated into the coatings.

No. of Pages: 63 No. of Claims: 22

(21) Application No.3707/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: MODULATION OF RNA ACTIVITY AND VASCULAR PERMEABILITY

(51) International

:C12N15/113,A61K31/7088,A61K48/00 classification

:Australia

:NA

(31) Priority Document :2012904297

(32) Priority Date :02/10/2012

(33) Name of priority

country

(86) International

:PCT/AU2013/001129 Application No :02/10/2013

Filing Date

(87) International :WO 2014/053014

Publication No

(61) Patent of Addition to :NA

Application Number Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1) CENTENARY INSTITUTE OF CANCER MEDICINE

AND CELL BIOLOGY

Address of Applicant: Missenden Road, Camperdown, New

South Wales 2050 Australia

2)MIRRX THERAPEUTICS A/S 3)UNIVERSITY OF SYDNEY

(72)Name of Inventor:

1)GAMBLE Jennifer

2)VADAS ,Mathew

3)MOLLER, Thorleif

(57) Abstract:

The present invention provides oligonucleotides that inhibit the binding of miR -27a to VE- cadherin mRNA, particularly in the form of blockmirs. The invention also provides compositions comprising such oligonucleotides and methods of use of such oligonucleotides to modulate the activity of VE cadherin, inhibit or reduce vascular permeability, treat or prevent a vascular permeability- associated disease or condition inhibit tumour growth, treat ischaemic injury, enhance recovery from ischaemic injury, treat surgical wounds and/or promotes post- operative recovery, and promote or induce angiogenesis.

No. of Pages: 67 No. of Claims: 29

(21) Application No.3614/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :28/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: TELECOMMUNICATIONS CHIP CARD

(51) International :H04W4/00,H04L29/08,H04L29/06

classification (31) Priority Document No :12191036.8

(32) Priority Date :02/11/2012 (33) Name of priority country: EPO

(86) International Application :PCT/EP2013/072571

:29/10/2013

Filing Date (87) International Publication

:WO 2014/067925

(61) Patent of Addition to **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number :NA

Filing Date

(57) Abstract:

(71)Name of Applicant:

1)MORPHO CARDS GMBH

Address of Applicant : Konrad- Zuse- Ring 1, 24220 Flintbek

Germany

(72) Name of Inventor: 1)SHRIYA, Sanjeev 2)PHOGAT Vikas

The invention provides for a telecommunications chip card for logging into a mobile a digital cellular mobile telecommunications network (107). The telecommunications chip card, comprises a chip card reader interface for communicating with a mobile telephone device, a chip card processor means, and a secure memory means (302) for storing programs for execution by the chip card processor means. The secure memory means contains a program (304). The program causes the chip card processor means to: perform (200) a first cryptographic mutual authentication between the telecommunications chip card and a terminal device (502) receive (214) a configuration message (400, 402, 404, 406, 408, 410, 524) via the chip card reader interface, store the (216) configuration message in the secure memory means, and delete (218) the program from the secure memory means.

No. of Pages: 56 No. of Claims: 15

(21) Application No.3615/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :28/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: ABD BINDING POLYPEPTIDE

(51) International classification :C07K14/00,C07K14/195,G01N33/68

(31) Priority Document No :12189932.2

(32) Priority Date :25/10/2012
(33) Name of priority

country :EPO

(86) International :PCT/EP2013/072359

Application No
Filing Date

Filing Date

First 201

25/10/2013

(87) International Publication No :WO 2014/064237

(61) Patent of Addition to Application Number Filing Date :NA

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant : 1)AFFIBODY AB

Address of Applicant :Gunnar Asplunds All 24, S- 171 63

Solna Sweden

(72)Name of Inventor : 1)JONASSON ,Per 2)EKLUND Pr

(57) Abstract:

The disclosure provides an ABD binding polypeptide comprising an ABD binding motif BM ,which motif consists of an amino acid sequence selected from EX2X3X4AX6X7EIXi0XL11PNLXi6Xi7Xi8QX20X2iAFrX25X26LX28D and amino acid sequences with at least 89 % identity thereto.

No. of Pages: 167 No. of Claims: 15

(21) Application No.3714/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: PURGING AGENT FOR PROCESSING POLYMER

(51) International classification :C08K7/22,C08J9/04,B29C33/72 (71)Name of Applicant:

(31) Priority Document No :1020120132820 (32) Priority Date :22/11/2012 (33) Name of priority country :Republic of Korea

(86) International Application :PCT/KR2013/010163

:11/11/2013 Filing Date

(87) International Publication No:WO 2014/081144

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)FINE CHEMICAL CO., LTD.

Address of Applicant: 30-16, Seobu-ro 123beon-gil, Jinyeong -eup, Gimhae- si, Gyeongsangnam- do 621-801

Republic of Korea (72) Name of Inventor: 1)LEE ,Sung Yull

(57) Abstract:

Provided is a purging agent for processing a polymer comprising a polymer foam which comprises a plurality of foam cells wherein the ratio of closed cells among the foam cells is 50% or more. In addition provided is a purging method comprising the steps of: obtaining a molded product after molding a first polymer composition with a processing machine under a plasticizable or meltable temperature and pressure conditions and extracting the molded product from the processing machine; injecting a purging agent for processing a polymer into the processing machine after extracting the first polymer composition thereby allowing the purging agent for processing a polymer to be closely adhered to the inner wall of the processing machine and a screw; and extracting to the outside of the processing machine the purging agent for processing a polymer which has been expanded inside the processing machine together with the first polymer composition remaining on the inner wall or the screw as being processing by the processing machine wherein the purging agent for processing a polymer comprises the polymer foam.

No. of Pages: 24 No. of Claims: 5

(21) Application No.3715/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: NOVEL MUCOSAL ADJUVANTS AND DELIVERY SYSTEMS

(51) International :A61K31/715,A61K31/716,C07H15/04 classification

(31) Priority Document No:61/719713 (32) Priority Date :29/10/2012

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

country

(86) International :PCT/US2013/067212 Application No

:29/10/2013 Filing Date

(87) International :WO 2014/070709

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to

Publication No

:NA **Application Number** :NA (71)Name of Applicant:

1) THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS

Address of Applicant: 2404 North University Avenue, Little

Rock, AR 72207 U.S.A. (72) Name of Inventor: 1) HARGIS, Billy, M. 2)PUMFORD, Neil, R. 3)MORGAN, Marion

4)SHIVARAMAIAH, Srichaitanya

5)TELLEZ, Guillermo 6) WOLFENDEN, Amanda

(57) Abstract:

Filing Date

Adjuvants comprising chitosan cross -linked with, an aldehyde or mannosylated chitosan are provided herein. Methods of making the adjuvants and methods of combining or linking the adjuvants with antigens are also provided. The adjuvant -antigen combinations can be used in vaccine formulations and the vaccine formulations can be used, in methods to vaccinate animals against the source of the antigen or to enhance the immune response in a subject.

No. of Pages: 37 No. of Claims: 29

(21) Application No.3716/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: HIGH PROTEIN LOW VISCOSITY LIQUID NUTRITIONAL PRODUCT WITH HMB

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A23L1/29,A23L1/30,A23L1/305 :61/717768 :24/10/2012 :U.S.A.	(71)Name of Applicant: 1)ABBOTT LABORATORIES Address of Applicant: Dept. 377/AP6A -1, 100 Abbott Park Road, Abbott Park, Illinois 60064 U.S.A.
(86) International Application No Filing Date (87) International Publication No	:PCT/US2013/066672 :24/10/2013 :WO 2014/066675	(72)Name of Inventor: 1)PATEL, Gaurav 2)SOMAVAT, Romel 3)DEWILLE, Normanella
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Nutritional products with improved organoleptic properties are provided herein. The general inventive concepts provide liquid nutritional products with improved viscosities while providing relatively higher levels of protein. In certain exemplary embodiments, the liquid nutritional products further provide beta -hydroxy- beta- methylbutyrate in addition to relatively higher levels of protein while maintaining a pleasant mouthfeel when consumed.

No. of Pages: 22 No. of Claims: 25

(22) Date of filing of Application :25/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: PILOT OPERATED RELIEF VALVE WITH DUAL PILOT REGULATORS

 (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 	:F16K17/10 :61/707257 :28/09/2012 :U.S.A. :PCT/US2013/062094 :27/09/2013 :WO 2014/052703 :NA	(72)Name of Inventor:1)DIAZ ,Juan, M.2)NASHERY, Khashayar, A.
` '	:NA :NA	
Filing Date	:NA	

(57) Abstract:

A pilot operated pressure relief valve (10) includes a valve body (14) having a fluid inlet (16) and a fluid outlet (18) connected by a fluid passageway (20). A valve plug (22) may be disposed within the fluid passageway (20), the valve plug (22) cooperating with a valve seat (24) to control fluid flow through the fluid passageway (20. An actuator (28) may be connected to the valve plug (22), the regulator (28) biasing the valve plug (22) towards the valve seat (24). A pilot assembly may include a first pilot valve (52) and a second pilot valve (54), wherein the pilot assembly directs fluid pressure upstream of the valve plug (22) to one of the first and second pilot valves (52,54). When the upstream fluid pressure exceeds a predetermined level, the valve plug (22)moves away from the valve seat (24) allowing fluid to flow through the fluid passageway (20).

No. of Pages: 18 No. of Claims: 20

(21) Application No.3525/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: IN -WHEEL MOTOR DRIVE DEVICE

(51) International classification:B60L15/20,B60K7/00,B60K17/14 (71)Name of Applicant: (31) Priority Document No :2012242463

(32) Priority Date :02/11/2012

(33) Name of priority country :Japan (86) International Application

:PCT/JP2013/078546 :22/10/2013

Filing Date

(87) International Publication :WO 2014/069280

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

1)NTN CORPORATION

Address of Applicant :3- 17, Kyomachibori 1- chome ,Nishi -

ku, Osaka -shi ,Osaka 550-0003 Japan

(72) Name of Inventor:

1)MAKINO Tomoaki

the reduction gear (2) is lubricated by a lubricant pumped by an oil pump. This in- wheel motor drive device is provided with a temperature detection means (Sa) which detects the temperature of the lubricant or the temperature of the electric motor (1) and an output limiting means (49) which limits output of the electric motor (1) when the temperature detected by the temperature detection

This in- wheel motor drive device is provided with an electric motor (1) which drives the wheel, a wheel bearing (5) which supports the wheel and a reduction gear (2) which reduces and transmits to the wheel bearing (5), rotation of the electric motor (1), wherein

means (Sa) is less than or equal to a determined threshold value.

No. of Pages: 32 No. of Claims: 6

(22) Date of filing of Application :28/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: USER INTERFACE DEVICE FOR SURGICAL SIMULATION SYSTEM

 (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 	:28/11/2013 :WO 2014/083119 :NA :NA	(71)Name of Applicant: 1)SURGICAL SCIENCE SWEDEN AB Address of Applicant: Haraldsgatan 5, S -413 14 Gteborg Sweden (72)Name of Inventor: 1)JOHANSSON, Christer 2)LARSSON, Anders
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A user interface device (1) for a surgical simulation system (2), comprising a rigid shaft (21) pivotably supported by a frame (11), and movable in the axial direction but fixed with respect to rotation around its longitudinal axis, and a handle (20) having a sensor body (22) rigidly attached to said rigid shaft (21), and a grip portion (24), rotatable around said longitudinal axis relative said sensor body (22). The handle (20) further comprises a rotator sleeve (23) rotatable around said longitudinal axis relative said sensor body (22), and said grip portion (24) a rotation sensor (40) adapted to detect rotation of said rotator sleeve (23) in relation to said sensor body (22), and a signal interface (45) mounted on said sensor body (22) and connected to receive a first detection signal from said rotation sensor (40). Through this design, all sensor elements and electronic circuitry can be provided in or adjacent to the sensor body, leading to an efficient design and manufacturing.

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

(22) Date of filing of Application :30/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: PHARMACEUTICAL COMPOSITIONS COMPRISING HYDROMORPHONE AND NALOXONE

(51) International classification	:A61K9/52,A61K31/485,A61K47/02	(71)Name of Applicant: 1)PURDUE PHARMA
(31) Priority Document No	:61/796390	Address of Applicant :575 Granite Court, Pickering, Ontario
(32) Priority Date	:09/11/2012	L1W 3B8 Canada
(33) Name of priority country	:U.S.A.	(72)Name of Inventor : 1)VARGAS RINCON ,Ricardo Alberto
(86) International Application No Filing Date	:PCT/CA2013/000932 :06/11/2013	
(87) International Publication No	:WO 2014/071499	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed is a prolonged release pharmaceutical dosage form comprising a plurality of coated beads , each comprising a granule, a first layer coated on the granule comprising hydromorphone , naloxone , an antioxidant compound and a chelatmg compound; and a second layer coated on the first layer comprising a prolonged release agent. The dosage form has improved stability and dissolution properties. Also disclosed is the use of a combination of an antioxidant , such as sodium metabisulfite , and a chelatmg agent , such as EDTA , to improve the stability and/or dissolution properties of a prolonged release dosage form comprising hydromorphone and naloxone.

No. of Pages: 53 No. of Claims: 51

(22) Date of filing of Application :28/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: EXTRACT FROM MORIGACEAE AND A METHOD TO PREPARE THE EXTRACT

(51) International classification :A23L1/30,A23L2/52,A61K8/97 (71)Name of Applicant : (31) Priority Document No :2012/07427 1)UNIVERSITY OF T

(31) Priority Document No :2012/07427 (32) Priority Date :03/10/2012 (33) Name of priority country :South Africa

(86) International Application No:PCT/IB2013/058765

Filing Date :23/09/2013 (87) International Publication No :WO 2014/053944

(61) Patent of Addition to Application Number :NA Filing Date :NA

(62) Divisional to Application
Number
:NA

1)UNIVERSITY OF THE WITWATERSRAND JOHANNESBURG Address of Applicant :1 Jan Smuts Avenue, 2050

Johannesburg South Africa

(72)Name of Inventor: 1)CHIMUKA, Luke

2)MATSHEDISO ,Phatsimo Gimamah

(57) Abstract:

Filing Date

This invention provides for a plant extract from the family Moringaceae which suitable for use as an ingredient in a food product drink dietary supplement or a cosmetic product and a pressurised hot water extraction method for preparing the extract. The extract comprises from about 1000 to about 2000 mg/kg Total Phenolic Content (TPC) as measured according to the method described with an incubation period of about 2 hours. The invention further provides a food product drink dietary supplement or a cosmetic product comprising the extract.

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

(21) Application No.3670/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: WIND POWER TURBINE FOR GENERATING ELECTRIC ENERGY

(51) International classification :H02P25/22,H02J3/38,H02P3/22 (71)Name of Applicant :

(31) Priority Document No :MI2012A001666 (32) Priority Date :05/10/2012

(33) Name of priority country :Italy

(86) International Application No:PCT/IB2013/059125

Filing Date :04/10/2013 (87) International Publication No: WO 2014/054031

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

:NA Number :NA Filing Date

(62) Divisional to Application

(57) Abstract:

1)WINDFIN B.V.

Address of Applicant: 1, Boulevard de laFoire, L-1528

Luxembourg Luxembourg (72) Name of Inventor: 1)BAGNARA .Davide 2) CASAZZA, Matteo

3)MANDRIOLI, Leonardo

A wind power turbine for producing and feeding electric energy to an electric power grid (9); the wind power turbine (1) having: a blade assembly (5); at least one electric machine (6) connected to the blade assembly (5) to generate electric energy, and having a rotor (11) and a stator (10) divided into a number (N) of stator subsystems (13); and an electric transmission system (7) for connecting the number of stator subsystems (13) to the electric power grid (9), and having an electric transmission assembly (14) for, and connected to, each stator subsystem (13); the wind power turbine being characterized by having a control device (8) connected to, and for receiving malfunction signals from the electric transmission assemblies (14), and designed to define an individual target torque reference value (CND) on the basis of the malfunction signals from the electric transmission assemblies (14), so as to reduce discontinuity in the torque of the rotor (11).

No. of Pages: 31 No. of Claims: 29

(21) Application No.3671/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: AN APPARATUS AND METHODS FOR LOADING AND UNLOADING OF SENSOR CAPSULES

(51) International classification(31) Priority Document No(32) Priority Date	:G01V13/00,B63B35/04 :20121418 :27/11/2012	(71)Name of Applicant: 1)MAGSEIS AS Address of Applicant:Fornebuveien 5, N-1366 Lysaker
(33) Name of priority country	:Norway	Norway
(86) International Application No	:PCT/NO2013/000049	(72)Name of Inventor:
Filing Date	:28/10/2013	1)GATEMAN, Jan
(87) International Publication No	:WO 2014/084741	2)UNDHEIM, Eiven
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An apparatus and methods for loading and unloading of sensor capsules (9) into or out of seismic node casings (5) forming part of a seismic cable (19) to be deployed or retrieved by a vessel (18), the apparatus comprises: a trolley (3) with room for at least one sensor capsule (9), the trolley (3) is moveable back and forth in a direction essentially corresponding to the longitudinal direction (24, 25) of the seismic cable (19); a support structure (12) for the trolley (3); a latching mechanism (7) for latching the trolley (3) to a node casing (5), and at least one inserting/withdrawing mechanism (8, 11) for inserting and withdrawing the sensor capsules (9) into or out of the node casing (5).

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

(22) Date of filing of Application :30/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : METHOD FOR PRODUCING PROTEIN COMPOSITIONS OF LOW SOLUBILITY, COMPOSITIONS PRODUCED , AND USE THEREOF IN BREAD- MAKING PRODUCTS

:A23J1/14,A21D2/26,A23J1/12 | (71)Name of Applicant : (51) International classification (31) Priority Document No 1)ROOUETTE FRERES :12 60284 (32) Priority Date Address of Applicant: 1 rue de la Haute Loge, F-62136 :29/10/2012 (33) Name of priority country Lestrem France :France (86) International Application No :PCT/FR2013/052563 (72) Name of Inventor: Filing Date :28/10/2013 1)BARATA, Manuel (87) International Publication No :WO 2014/068226 2) BUREAU , Stphanie (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

The invention relates to a method for functionalising a protein composition , by heating between 100° C and 160° C for between 0.1 s and 1 s , then cooling between 60° C and 90° C , with a pH adjustment to a value of between 6.2 and 9 by means of calcium hydroxide. When used in the production of bread , the protein compositions thus produced allow products to be produced without any unpleasant aftertaste; these bread products are also especially large which provides them with a very pronounced soft character. Such a balance of performances has never been achieved until now for bread -making products.

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

(21) Application No.377/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :11/02/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: An improved water soluble active microbial formulation and a process for the production thereof

(51) International classification	:C12P	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INTERNATIONAL PANAACEA LIMITED
(32) Priority Date	:NA	Address of Applicant :E - 34, 2ND FLOOR, CONNAUGHT
(33) Name of priority country	:NA	PLACE, NEW DELHI - 110001, INDIA Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. PRAKASH, VIMLA
(87) International Publication No	: NA	2)DR. BASU, KAUSHIK
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides a novel microbial consortium which comprises of microorganisms and organic materials. The microbial consortium under the present invention does not cause any side effect to the plants. The invention aims to impart nutrient contents to plants resulting in better growth.

No. of Pages: 15 No. of Claims: 18

(21) Application No.3664/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: VARIABLE MAGNIFICATION OPTICAL SYSTEM, OPTICAL DEVICE, AND METHOD FOR MANUFACTURING VARIABLE MAGNIFICATION OPTICAL SYSTEM

(51) International :G02B15/20,G02B13/18,G03B5/00 classification

(31) Priority Document No :2013004650

(32) Priority Date :15/01/2013 (33) Name of priority country :Japan

(86) International Application :PCT/JP2013/079242

No

:29/10/2013 Filing Date

(87) International Publication :WO 2014/112176

(61) Patent of Addition to

:NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant: 1)NIKON CORPORATION

Address of Applicant: 12-1, Yurakucho 1-chome, Chiyoda-

ku ,Tokyo 1008331 Japan (72) Name of Inventor: 1)SASHIMA, Tomoyuki 2)OBAMA, Akihiko

(57) Abstract:

The present invention provides a variable magnification optical system, an optical device, and a method for manufacturing a variable magnification optical system. The variable magnification optical system includes a positive first lens group (G1), a negative second lens group (G2), and a positive third lens group (G3) sequentially from an object side. The variable magnification optical system also includes a V lens group (GV) and an F lens group (GF). The V lens group (GV) changes the interval between the first lens group (G1) and the second lens group (G2) and the interval between the second lens group (G2 and the third lens group (G3) when the magnification is varied from a wide angle end state, to a telephoto end state, has a negative refracting power, and moves so as to include components in a direction perpendicular to an optical axis. The F lens group (GV) has a positive refracting power, and moves along the optical axis when the focus is moved from an infinite distance object to a short distance object. When the V lens group (GV) is disposed closer to an object than the F lens group (GF), a variable magnification optical system having a high variable magnification ratio, a small size and high optical performance is provided.

No. of Pages: 141 No. of Claims: 49

(21) Application No.3665/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : VARIABLE MAGNIFICATION OPTICAL SYSTEM , OPTICAL DEVICE , AND PRODUCTION METHOD FOR VARIABLE MAGNIFICATION OPTICAL SYSTEM

:G02B15/20,G02B13/18 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)NIKON CORPORATION :2012238729 (32) Priority Date Address of Applicant: 12-1, Yurakucho 1-chome, Chiyoda-:30/10/2012 (33) Name of priority country ku ,Tokyo 1008331 Japan :Japan (86) International Application No :PCT/JP2013/079238 (72) Name of Inventor: Filing Date :29/10/2013 1)SASHIMA, Tomoyuki (87) International Publication No :WO 2014/069447 2)OBAMA, Akihiko (61) Patent of Addition to Application :NA Number

:NA

:NA

:NA

(57) Abstract:

Filing Date

Filing Date

Provided is a variable magnification optical system having, in order from the object side: a first lens group having a positive refractive power; a second lens group having a negative refractive power; a third lens group having a positive refractive power; a fourth lens group having a positive refractive power; and a fifth lens group. The variable magnification optical system is compact, has high optical performance, and has a high magnification ratio as a result of the interval between the first lens group and the second lens group, the interval between the second lens group and the fourth lens group, and the interval between the third lens group and the fourth lens group changing when magnification is changed from a wide- angle end state to a telescopic end state, and a prescribed formula is fulfilled. Also provided are an optical device and a production method for the variable magnification optical system.

No. of Pages: 150 No. of Claims: 29

(62) Divisional to Application Number

(21) Application No.3666/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: FLUID MANAGEMENT IN A HVAC SYSTEM

(51) International classification: F24F1/00,F24F11/02,B65D90/26 (71) Name of Applicant:

(31) Priority Document No :61/714462 (32) Priority Date :16/10/2012 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2013/065269

:16/10/2013 Filing Date

(87) International Publication :WO 2014/062820

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date (57) Abstract:

1)TRANE INTERNATIONAL INC.

Address of Applicant :One Centennial Avenue, Piscataway,

NJ 08855 U.S.A.

(72)Name of Inventor:

1)SIBIK, Lee L.

2) DINGEL , Benjamin, E. 3)RING, Harry, Kenneth

Embodiments of a spill over tank for an evaporator of a HVAC system are described. The spill over tank may be configured to receive a refrigerant directed out of the evaporator. The spill over tank may be configured to have an outlet directing refrigerant in the spill over tank out of the spill over tank and flowing back to a compressor of the HVAC system. The spill over tank may be equipped with a refrigerant level sensor configured to measure a refrigerant level in the spill over tank. The measured refrigerant level in the spill over tank may be used to control and/or maintain a refrigerant level in the evaporator, and/or may be used to control a return refrigerant flow into the compressor of the HVAC system so as to manage an oil return to the compressor.

No. of Pages: 36 No. of Claims: 17

(21) Application No.4110/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/05/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: METHOD AND SYSTEM FOR GENERATING CROWD ANIMATION AND COMPUTER READABLE RECORDING MEDIUM

(51) International classification :G06F3/0484,G06T13/20 (71)Name of Applicant : (31) Priority Document No :1020120114782 (32) Priority Date :16/10/2012 (33) Name of priority country :Republic of Korea (86) International Application No :PCT/KR2013/009262 Filing Date :16/10/2013 (87) International Publication No :WO 2014/062003

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA 1)JEON Jae Woong

Address of Applicant: 39 Banpo daero 5 gil Seocho gu Seoul

137 868 Republic of Korea (72) Name of Inventor: 1)JEON Jae Woong

(57) Abstract:

The present invention relates to a method a system and a computer readable recording medium for generating a crowd animation. One embodiment of the present invention relates to the method for creating the crowd animation comprising the steps of: (a) generating a guide shape of a crowd including one or more characters by referencing a first user operation wherein the guide shape defines the formation and/or the number of the one or more characters included in the crowd; (b) generating a guide path for defining a motion path of the one or more characters included in the crowd by referencing a second user operation which is inputted with respect to the guide shape; and (c) generating the crowd animation in which the one or more characters included in the crowd move along the motion path that is defined by the guide path in the formation defined by the guide shape.

No. of Pages: 45 No. of Claims: 13

(22) Date of filing of Application :29/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: SYSTEM FOR RECIRCULATING WATER BETWEEN COLD WATER AND HOT WATER PIPES

(51) International classification	:F24D17/00	(71)Name of Applicant:
(31) Priority Document No	:MX/a/2012/011441	1)SALAZAR UGARTE ,Hugo Iv;n
(32) Priority Date	:02/10/2012	Address of Applicant :Real de la Villa n° 10, Interior 5, Col.
(33) Name of priority country	:Mexico	Fracc. Vista Real, C.P. 76905, Corregidora, Quertaro Mexico
(86) International Application No	:PCT/MX2013/000115	(72)Name of Inventor:
Filing Date	:27/09/2013	1)SALAZAR UGARTE, Hugo Iv;n
(87) International Publication No	:WO 2014/054934	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a system that can be used to prevent the wastage of cold water left running while waiting for hot water to reach the shower from the heater, said system comprising three essential structural components, namely: an extension element, a dividing nut, and a complementary recirculation chamber, which, combined with a connection means, provide novel results.

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

(21) Application No.4101/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/05/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: DEVICE FOR EXTRACORPOREAL BLOOD TREATMENT

(51) International classification: A61M1/14,A61M1/16,A61M1/34 (71)Name of Applicant:
(31) Priority Document No :PCT/IB2012/055972 1)DEBIOTECH S.A.
(32) Priority Date :29/10/2012 Address of Applicant: Immeuble Le Portique Av. de Svelin 28

(33) Name of priority country :PCT CH 1004 Lausanne Switzerland

(86) International Application
No
:PCT/IB2013/059744
1)THIEBAUD Pierre

Filing Date :29/10/2013 2)MAGNENAT Olivier (87) International Publication WO 2014/060475 3)CUENI Reto

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to Application

Number :NA
Filing Date :NA

(57) Abstract:

The invention relates to a system for treating blood which includes a single cassette capable of carrying out the various CRRT treatments.

No. of Pages: 97 No. of Claims: 50

(21) Application No.4102/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/05/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : LUMINESCENT BORATES LUMINESCENT MATERIALS AND ARTICLES INCORPORATING SUCH BORATES

(51) International classification: C09K11/63,C09D7/12,C09D5/22 (71) Name of Applicant: (31) Priority Document No 1)HONEYWELL INTERNATIONAL INC. :61/732022 (32) Priority Date :30/11/2012 Address of Applicant :Patent Services M/S AB/2B 101 (33) Name of priority country Columbia Road P. O. Box 2245 Morristown NJ 07962 2245 :U.S.A. (86) International Application U.S.A. :PCT/US2013/035601 (72) Name of Inventor: :08/04/2013 Filing Date 1)KANE James (87) International Publication 2)LAU Carsten :WO 2014/084896 3)RAPOPORT William Ross (61) Patent of Addition to :NA **Application Number** :NA

(57) Abstract:

Number

Filing Date

Filing Date

(62) Divisional to Application

:NA

:NA

Luminescent borates luminescent materials and articles incorporating such borates are provided herein. An embodiment of a luminescent borate includes a host borate that has a BO comprising crystal lattice. Neodymium and/or ytterbium are present within the host borate and one or more substitutable elements are optionally present along with the neodymium and/or ytterbium within the host borate. The one or more substitutable elements are different from neodymium and ytterbium.

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

(21) Application No.4103/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 14/05/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: TURBINE BLADE WITH INTEGRATED SERPENTINE AND AXIAL TIP COOLING CIRCUITS

 (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 	:13/714518 :14/12/2012 :U.S.A. :PCT/US2013/075034 :13/12/2013 :WO 2014/113162 :NA :NA	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: Wittelsbacherplatz 2 80333 Munich Germany (72)Name of Inventor: 1)LEE Ching Pang
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

An air cooled turbine blade (10) including leading and trailing edges (22 24) and pressure and suction side walls (18 20) extending between the leading and trailing edges. Leading and trailing edge cooling circuits (34 36) extend spanwise adjacent to the leading and trailing edges respectively. A forward flow mid section serpentine cooling circuit (38) extends spanwise and is located between the leading and trailing edge cooling circuits. An axial tip cooling circuit (40) extends in the chordal direction and is located between a tip cap of the blade and the serpentine cooling circuit at an outer end of the serpentine cooling circuit. The axial tip cooling circuit has a forward end (41) receiving cooling air from a final channel (62) of the serpentine cooling circuit and discharges the cooling air adjacent to the trailing edge. A method for cooling a corresponding turbine blade (10).

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

(21) Application No.4104/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/05/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: VANE CARRIER TEMPERATURE CONTROL SYSTEM IN A GAS TURBINE ENGINE

(51) International classification	:F02C6/08,F02C7/18	(71)Name of Applicant:
(31) Priority Document No	:13/719269	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:19/12/2012	Address of Applicant :Wittelsbacherplatz 2 80333 Munich
(33) Name of priority country	:U.S.A.	Germany
(86) International Application No	:PCT/US2013/076099	(72)Name of Inventor:
Filing Date	:18/12/2013	1)LAURELLO Vincent P.
(87) International Publication No	:WO 2014/100164	2)THAM Kok Mun
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A vane carrier temperature control system for use in a gas turbine engine includes a first cooling air source a second cooling air source and an air temperature control system. The first cooling air source supplies a first portion of vane carrier cooling air extracted from a compressor section of the engine to a first section of a vane carrier that supports a plurality of rows of vanes within a turbine section of the engine. The second cooling air source supplies a second portion of vane carrier cooling air extracted from the compressor section to a second section of the vane carrier spaced from the first section in an axial direction defined by a direction of hot working gas flow through the turbine section. The air temperature control system controls a temperature of at least one of the first and second portions of vane carrier cooling air.

No. of Pages: 26 No. of Claims: 20

(21) Application No.3577/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :08/12/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: DIFFERENTIAL ASSEMBLY HAVING A LINK SHAFT

 (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 	:F16H48/29 :14/277,090 :14/05/2014 :U.S.A. :NA :NA :NA	
(61) Patent of Addition to Application Number		
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A differential assembly having at least one link shaft that may be disposed in a case between a first gear and a second gear. The link shaft may have a bend portion that may not be coaxially disposed with first and second end portions of the link shaft. A pinion gear may engage the first and second gears may be rotatably disposed on the link shaft.

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

(21) Application No.3673/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: MOTOR -VEHICLE DOOR LOCK

(51) International

:E05B81/14,E05B81/76,E05B77/26

classification

(31) Priority Document No :10 2012 020 424.8

(32) Priority Date

:18/10/2012

(33) Name of priority country: Germany

(86) International Application

:PCT/DE2013/000609

:17/10/2013

Filing Date

(87) International Publication

No

:WO 2014/059966

(61) Patent of Addition to **Application Number**

:NA :NA

:NA

Filing Date

(62) Divisional to Application :NA Number

Filing Date

(71)Name of Applicant:

1)KIEKERT AKTIENGESELLSCHAFT

Address of Applicant : Hseler Platz 2, 42579 Heiligenhaus

Germany

(72) Name of Inventor:

1)BARMSCHEIDT, Christian;

(57) Abstract:

The subject matter of the present invention is a motor-vehicle door lock which is equipped with a locking mechanism, further with an opening drive (3, 4) which acts on the locking mechanism, and also with an operating lever mechanism (6, 7). At least one sensor (8) for checking an operator opening request is further provided. Finally, a safety device (9, 10, 11), which prevents the locking mechanism (3, 4) from opening at least in its safe position, is provided. The invention makes provision for an intermediate lever (7) of the operating lever mechanism (6, 7) which intermediate lever mechanically converts the operator opening request, to selectively act on or not act on the sensor (8) which actuates the opening drive (3, 4) depending on the position of the safety device (9, 10, 11).

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

(21) Application No.3674/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: SHIELDED ELECTRICAL CONDUCTOR FURCATION ASSEMBLY

(51) International classification :G02B6/44,G02B6/00,H02G1/02 (71)Name of Applicant : (31) Priority Document No 1)ANDREW LLC :61/728020 (32) Priority Date :19/11/2012 Address of Applicant: 1100 CommScope Place, SE, (33) Name of priority country Hickory, North Carolina 28602 U.S.A. :U.S.A. (86) International Application (72) Name of Inventor: :PCT/US2013/061322 No 1) ISLAM, Nahid :24/09/2013 Filing Date (87) International Publication No: WO 2014/077952 (61) Patent of Addition to :NA Application Number :NA Filing Date

(57) Abstract:

Filing Date

Number

(62) Divisional to Application

:NA

:NA

A furcation assembly for electrical conductors of an electro- optical cable with electrical conductors and optical conductors has an inner tube surrounded by a metallic shield layer and a polymer jacket surrounding the metallic shield layer. The inner tube may have a circular or a generally ovaloid cross section inner diameter. A transition housing may be applied over an interconnection between the metallic sield layer and a metallic shield of the electro- optical cable. A pull strand may be provided in the inner tube inner diameter, for ease of insertion of the electrical conductors and/or additional water proofing characteristics.

No. of Pages: 25 No. of Claims: 20

(21) Application No.3675/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : WIND TURBINE AERODYNAMIC ROTOR BLADE APPENDIX AND WIND TURBINE BLADE PROVIDED WITH SUCH AN AERODYNAMIC APPENDIX

 (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 	:23/10/2013 :WO 2014/064626 :NA :NA :NA	(71)Name of Applicant: 1)WINDFIN B.V. Address of Applicant:1, Boulevard de laFoire, L-1528 Luxembourg Luxembourg (72)Name of Inventor: 1)ROCHHOLZ, Hermann
Filing Date	:NA :NA	

(57) Abstract:

An aerodynamic appendix (8) for a wind turbine blade (7) is designed to fit to the inner portion (12) and intermediate portion (13) of the wind turbine blade (7), and has a trailing edge (19), a pressure side (20), a suction side (21), and at least one duct (14) connecting the pressure side (20) fluidically to the suction side (21).

No. of Pages: 22 No. of Claims: 18

(21) Application No.3676/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: METHODS AND KITS FOR PERFORMING IN SITU HYBRIDIZATION

 (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 	:C12Q1/68 :61/720665 :31/10/2012 :U.S.A. :PCT/US2013/065279 :16/10/2013 :WO 2014/070460 :NA :NA	(71)Name of Applicant: 1)CELLAY, INC. Address of Applicant:100 Inman Square, Suite 200, Cambridge, MA 02139 U.S.A. (72)Name of Inventor: 1)AURICH -COSTA, Joan 2)EWEN, Elizabeth 3)GILDEA, Michael
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(57) Abstract:

performing in situThe invention relates to methods and kits for hybridization on a biological sample on a solid surface using nucleic acid probes that are embedded in or sorbed to a dry ,fibrous matrix. For example , fluorescence in situ hybridization (FISH) can be carried out using fluorescently labeled oligonucleotide probes that are provided in dry form on filter paper or glass fiber disks.

No. of Pages: 41 No. of Claims: 35

(21) Application No.4123/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/05/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: PRESSURE CUFF OR GARMENT

 (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 	:A61H9/00 :1219496.5 :30/10/2012 :U.K. :PCT/GB2013/052786 :25/10/2013 :WO 2014/068288 :NA :NA	(71)Name of Applicant: 1)HUNTLEIGH TECHNOLOGY LIMITED Address of Applicant: Arjohuntleigh House Houghton Hall Business Park Houghton Regis Bedfordshire LU5 5XF U.K. (72)Name of Inventor: 1)JACKSON Philip 2)PATEL Champaben
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A pressure cuff or garment (10) for prophylactic treatment of deep vein thrombosis includes a series of three chambers (24 28) arranged in series and coupled fluidically to one another by bleed tubes or chokes (32 34). The chambers (24 28) are of curved shape so as to overlap one another. The cuff or garment (24 28) provides more effective pulsating pressure treatment than prior art structures.

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

(22) Date of filing of Application :30/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: CONTAINER WITH A REMOVABLE MEASURING CAP

(51) International :B65D41/26,B65D47/06,B65D47/40

classification (31) Priority Document No :61/724907

(32) Priority Date :10/11/2012 (33) Name of priority country:U.S.A.

(86) International :PCT/US2013/068432

Application No :05/11/2013 Filing Date

(87) International Publication :WO 2014/074488 No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA Application Number :NA

Filing Date

(71)Name of Applicant:

1)KRAFT FOODS GROUP BRANDS LLC

Address of Applicant: Three Lakes Drive, Northfield, Illinois

60093 U.S.A.

(72) Name of Inventor: 1)DOUBLES .Allison 2)MARKOULIS, Shelley

3)BRAUN, Jason 4)LESLIE, Stuart M. 5) ZEDER, Roland

(57) Abstract:

A container for dispensing a liquid concentrate comprises a container body with top edge and a cap base sealed relative to the top edge. The cap base includes a wall having an inner thread, a funnel surrounding an opening, and a spout. The container includes a cap top with a shoulder including a flange having an outer thread and depending downwardly from the shoulder to define a channel being open toward a bottom edge of the cap top and located between an interior of the flange and the sidewall of the cap top. The cap top can be threadingly engaged to the cap base to form an outer seal between at least one of the shoulder and the flange of the cap top and the wall of the cap base and form an inner seal between the bottom edge of the sidewall of the cap top and the funnel of the cap base.

No. of Pages: 36 No. of Claims: 22

(22) Date of filing of Application :30/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : NEGATIVE ELECTRODE ACTIVE SUBSTANCE METHOD FOR MANUFACTURING SAME, AND LITHIUM SECONDARY CELL

(51) International classification	,	(71)Name of Applicant:
(31) Priority Document No	:2012249647	1)NEC CORPORATION
(32) Priority Date	:13/11/2012	Address of Applicant :7 1 Shiba 5 chome Minato ku Tokyo
(33) Name of priority country	:Japan	1088001 Japan
(86) International Application No	:PCT/JP2013/079106	(72)Name of Inventor:
Filing Date	:28/10/2013	1)IRIYAMA Jiro
(87) International Publication No	:WO 2014/077113	2)KAWASAKI Daisuke
(61) Patent of Addition to Application	:NA	3)FUJII Emiko
Number		4)SERIZAWA Shin
Filing Date	:NA	5)TAKAHASHI Hiroo
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A negative electrode active substance containing silicon oxide wherein the negative electrode active substance has excellent performance as a negative electrode active substance for a lithium secondary cell and in regard to the silicon oxide after at least one charging cycle when the solid NMR (Si DDMAS) of the Si has been measured the sums S1 S2 and S3 satisfy the expressions 0.42=S1/S1+S2+S3)=0.55 (formula (1)) and 0.21=S1+S2+S3)=0.26 (formula (2)) where S1 is the sum of the areas under peaks of the group of signals attributed to silicon having Si Si bonds) S2 is the sum of the areas under the peaks of the group of signals attributed to silicon having the structure Si(OH)(OSi)(n=3 4)) and S3 is the sum of the areas under the peaks of the group of signals attributed to silicon having the structure Si(OLi)(OSi)(n=0 1 2 3)).

No. of Pages: 29 No. of Claims: 10

(22) Date of filing of Application :14/05/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: MIXTURE OF ISOCYANATE COMPOUNDS AND ITS USE AS EMULSIFIER

(51) International :C08G18/72,C08G18/79,C08G18/48

classification

(31) Priority Document No :201210421446.2 (32) Priority Date :29/10/2012 (33) Name of priority country: China

(86) International :PCT/CN2013/086027

Application No :28/10/2013 Filing Date

(87) International Publication :WO 2014/067432

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1) ROHM AND HAAS COMPANY

Address of Applicant: 100 Independence Mall West 7th Floor

Philadelphia Pennsylvania 19106 U.S.A.

2)DOW GLOBAL TECHNOLOGIES LLC

(72)Name of Inventor: 1)CHEN Yongchun 2) ZHANG Shiling 3)HOU Guoling 4)CHEN Mai

(57) Abstract:

Provided is a composition comprising (a1) one or more compound that is a trimer of a diisocyanate that has structure A1 NCO; (b1) one or more compound having the structure A1 L1 (CH2CH2O)n Z; (a2) one or more compound that is a trimer of a diisocyanate that has structure A2 NCO; and (b2) one or more compound having the structure A2 L2 OG; wherein A1 in structure II 1 is identical to A1 in structure I 1 L1 is a linking group formed by a reaction of an isocyanate group with an isocyanate reactive group n is 5 to 25 Z is an alkyl group A2 in structure II 2 is identical to A2 in structure I 2 L2 is a linking group formed by a reaction of an isocyanate group with an isocyanate reactive group Q is an organic group G is an anionic group A1 and A2 may be identical or different wherein wa1 + wa2 is 0% to 90% wherein wa1 is the weight percent of said compound (a1) based on the total solids weight of said composition wherein wa2 is the weight percent of said compound (a2) based on the total solids weight of said composition wherein wb1 + wb2 is 0% to 100% wherein wb1 is the weight percent of said compound (b1) based on the total solids weight of said composition wherein wb2 is the weight percent of said compound (b2) based on the total solids weight of said composition and wherein the ratio wb1:wb2 is between 0.01:1 and 100:1. Also provided is an emulsion comprising particles suspended in an aqueous medium wherein the particles comprise said composition and further comprise (c) one or more water insoluble compound that is different from said trimer (a).

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

(21) Application No.4111/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 14/05/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention : METHOD AND SYSTEM FOR CONTROLLING VIRTUAL CAMERA IN VIRTUAL 3D SPACE AND COMPUTER READABLE RECORDING MEDIUM

(51) International classification :H04N13/02,G06F3/048 (71)Name of Applicant : (31) Priority Document No :1020120114780 1)JEON Jae Woong (32) Priority Date Address of Applicant: 39 Banpo daero 5 gil Seocho gu Seoul :16/10/2012 (33) Name of priority country :Republic of Korea 137 868 Republic of Korea :PCT/KR2013/009260 (72) Name of Inventor: (86) International Application No Filing Date :16/10/2013 1)JEON Jae Woong (87) International Publication No :WO 2014/062001 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The present invention relates to a method and a system for controlling a virtual camera in a virtual 3D space and a computer readable recording medium. According to one embodiment of the present invention provided is the system for controlling the virtual camera in the virtual 3D space comprising: a user interface module for providing a user interface so as to receive inputted control data of the virtual camera; and a camera control module for establishing a movement surface of the virtual camera and controlling properties of the virtual camera according to the control data wherein the properties of the virtual camera includes at least some of position view visual field and movement track of the virtual camera wherein the position is limited to the movement surface or to a surrounding area thereof.

No. of Pages: 22 No. of Claims: 15

(21) Application No.4112/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/05/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : METHODS APPARATUSES USER EQUIPMENT RADIO NETWORK NODE AND COMPUTER PROGRAM PRODUCT FOR RANDOM ACCESS PROCEDURES

 (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 	:H04W52/26 :NA :NA :NA :PCT/CN2012/087563 :26/12/2012 :WO 2014/101012 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant: S 164 83 Stockholm Sweden (72)Name of Inventor: 1)SUN Zhenglin 2)FAN, Rui
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Methods apparatuses a user equipment a radio network node and a computer program product for a random access procedure are provided. One of the methods comprises receiving from a radio network node a random access response message including a request for channel quality information. The method also comprises transmitting to the radio network node a scheduled transmission message including the requested channel quality information which is used by the radio network node to perform link adaptation for transmission of a contention resolution message. With the methods apparatuses user equipment radio network node and computer program product the physical resources unreasonably occupied due to an improper modulation and coding scheme can be saved and may be used by other user equipments during the random access procedure resulting in more stable cell throughput.

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

(21) Application No.4113/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/05/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: COMBUSTION SYSTEM FOR THE PRODUCTION OF CERAMIC LININGS

(31) Priority Document No (32) Priority Date (33) Name of priority country :Brazil	92A CEP 04578 000 S£o Paulo SP Brazil (72)Name of Inventor: 1)HARTSCHUH SCHAUB Ernesto Adolfo
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(57) Abstract:

The present invention relates to a combustion system for the production of linings comprising a roller furnace having walls with insulations and being divided into different regions with different temperatures the burning zone (3) of the system further comprising a plurality of burners (2 4) in which the burners (2 4) are located in the ceiling and/or in the floor and/or in the sides of the furnace and preferably burn in the direction contrary to the direction of advance of the load horizontally.

No. of Pages: 15 No. of Claims: 14

(21) Application No.4114/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/05/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : DOSAGES OF IMMUNOCONJUGATES OF ANTIBODIES AND SN 38 FOR IMPROVED EFFICACY AND DECREASED TOXICITY

(51) International classification :A61K51/00,A61M36/14,A61K39/00

(31) Priority Document No :61/736684

(32) Priority Date :13/12/2012 (33) Name of priority

country :U.S.A.

(86) International

Application No :PCT/US2013/051667

Filing Date :23/07/2013

(87) International

Publication No :WO 2014/092804

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to

:NA
:NA

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:
1)IMMUNOMEDICS INC.

Address of Applicant :300 American Road Morris Plains NJ

07950 U.S.A.

(72)Name of Inventor:

1)GOVINDAN Serengulam V. 2)GOLDENBERG David M.

(57) Abstract:

The present invention relates to therapeutic immunoconjugates comprising SN 38 attached to an antibody or antigen binding antibody fragment. The antibody may bind to EGP 1 (TROP 2) CEACAM5 CEACAM6 CD74 CD19 CD20 CD22 CSAp HLA DR AFP or MUCSac and the immunoconjugate may be administered at a dosage of between 4 mg/kg and 24 mg/kg preferably 4 6 8 9 10 12 16 or 18 mg/kg. When administered at specified dosages and schedules the immunoconjugate can reduce solid tumors in size reduce or eliminate metastases and is effective to treat cancers resistant to standard therapies such as radiation therapy chemotherapy or immunotherapy.

No. of Pages: 214 No. of Claims: 60

(22) Date of filing of Application: 14/05/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: ASSEMBLY FOR PRODUCING A GALLING RESISTANT THREADED TUBULAR CONNECTION

(51) International classification	:F16L15/00	(71)Name of Applicant :
(31) Priority Document No	:1262580	1)VALLOUREC OIL AND GAS FRANCE
(32) Priority Date	:21/12/2012	Address of Applicant :54 rue Anatole France F 59620 Aulnoye
(33) Name of priority country	:France	Aymeries France
(86) International Application No	:PCT/EP2013/076841	1 7
Filing Date	:17/12/2013	CORPORATION
(87) International Publication No	:WO 2014/095817	(72)Name of Inventor:
(61) Patent of Addition to Application	.NT A	1)GARD Eric
Number	:NA	2)GOUIDER Mohamed
Filing Date	:NA	3)PETIT Mikael
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention concerns an assembly for the production of a threaded connection comprising a first and a second tubular component each with an axis of revolution (10) and each provided at one of their ends (1 2) with a threaded zone (3; 4) produced on the outer or inner peripheral surface of the component depending on whether the threaded end is male or female in type said ends (1 2) being capable of cooperating by makeup and ending in a terminal surface (7 8) at least one first contact surface being provided on one of the ends (1 2) and at least one second contact surface being provided on the corresponding end (1 2) such that the first and second contact surfaces come into contact during makeup of the ends (1 2) characterized in that the first and second contact surfaces are respectively each coated with a first and a second dry thermoplastic film the matrices of which are constituted by one or more thermoplastic polymers only one of the first and second dry thermoplastic films further comprising a liquid amorphous thermoplastic resin with a dynamic viscosity in the range 2000 to 40000 mPa.s at 25 °C.

No. of Pages: 39 No. of Claims: 18

(21) Application No.4116/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 14/05/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: PROCESS FOR THE PRODUCTION OF A BIOMASS HYDROLYSATE

(51) International :C07C51/00,C07C51/42,C07C51/47 classification

(31) Priority Document No :12196081.9

(32) Priority Date :07/12/2012 (33) Name of priority country: EPO

(86) International Application :PCT/EP2013/075962

:09/12/2013

Filing Date (87) International Publication :WO 2014/087016

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant: 1)DSM IP ASSETS B.V.

Address of Applicant :Het Overloon 1 NL 6411 TE Heerlen

Netherlands

(72) Name of Inventor:

1)PARTON Rudy Francois Maria Jozef

2)KROON Johannes Augustinus

3)WOESTENBORGHS Pierre Louis

(57) Abstract:

The invention provides a process for the production of a biomass hydrolysate suitable for the production of levulinic acid and formic acid a biomass hydrolysate obtainable by said process a process for the production of levulinic acid and formic acid from said biomass and levulinic acid and formic acid obtainable by said process. The hydrolysis process includes a single hydrolysis step wherein a slurried biomass is subjected to a temperature of between 120 and 200°C preferably between 160 and 190°C for a time period of between 2 minutes and 8 hours preferably between 20 and 140 minutes at a mineral acid concentration of between 1 15wt%. The process can be carried out starting from lignocellulosic biomass and also from glucose and fructose.

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

(21) Application No.4117/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 14/05/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: PROCESS FOR THE ISOLATION OF LEVULINIC ACID AND FORMIC ACID

(51) International :C07C51/42,C07C51/44,C07C51/47 classification

(31) Priority Document No :12196080.1

(32) Priority Date :07/12/2012

(33) Name of priority country: EPO

(86) International Application :PCT/EP2013/075961

:09/12/2013

Filing Date

(87) International Publication :WO 2014/087015

(61) Patent of Addition to

:NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

(71)Name of Applicant: 1)DSM IP ASSETS B.V.

Address of Applicant :Het Overloon 1 NL 6411 TE Heerlen

Netherlands

(72) Name of Inventor:

1)PARTON Rudy Francois Maria Jozef

The invention provides a process for the isolation of levulinic acid and formic acid from a composition comprising formic acid and levulinic acid said process comprising a solid liquid separation step a vapor removal step and a solvent solvent extraction step wherein a vapor condensate vapor and/or an aqueous phase from the solvent extraction is used to wash the solid fraction. Washing with vapor condensate results in higher levulinic acid yields (higher levulinic acid recovery) as compared to washing with normal water. Washing with aqueous phase results in a less compressible filter cake. Washing first with aqueous phase and subsequently with condensate results in even higher levulinic acid yields. The process is suitable for isolating levulinic acid and formic acid from compositions made by acid hydrolysis of a lignocellulosic biomass and also from compositions made by acid hydrolysis of sugars such as glucose and fructose.

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

(21) Application No.4118/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/05/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: CLUTCH MEMBER FOR AN INJECTION DEVICE

(51) International classification :A61M5/315,A61 (31) Priority Document No :1219753.9 (32) Priority Date :02/11/2012

(33) Name of priority country :U.K.

(86) International Application No :PCT/GB2013/052761 Filing Date :23/10/2013

(87) International Publication No :WO 2014/068283

(61) Patent of Addition to Application
Number
Filing Date
(62) Divisional to Application Number
Filing Date
:NA
Filing Date
:NA

:A61M5/315,A61M5/20 (71)Name of Applicant :

1)OWEN MUMFORD LIMITED

Address of Applicant :Brook Hill Woodstock Oxford

Oxfordshire OX20 1TU U.K. (72)Name of Inventor:

1)COWE Toby

(57) Abstract:

An injection device comprises a housing (10 16) for receiving a cartridge or syringe (18) a plunger (50) moveable axially to express a dose from said cartridge or syringe a rotary drive element (22) configured to rotate as said plunger moves axially a clutch member (38) moveable between a holding position in which it inhibits rotary movement of said rotary drive element (22) and a release position in which the rotary drive element is freed to rotate to cause or allow said plunger (50) to move axially; wherein said clutch member (38) is selectively moveable to a control position to control rotary movement of said rotary drive element and thereby axial movement of said plunger and bias means (94) for urging said clutch member to its control position.

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

(21) Application No.4125/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/05/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: HOME NETWORK CONTENT PROCESSING METHOD AND 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 	:24/09/2013 :WO 2014/059859 :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)GONG Yougang 2)JING Yongnian 3)TIAN Xuehong
(61) Patent of Addition to Application		'

(57) Abstract:

Disclosed is a home network content processing method comprising: establishing a home network content directory performing directory level synchronization and then distributing storage attribute identities. Also provided in the present invention is a home network content processing device. Employment of the present invention allows of a home network terminals and a home information center to be provided with home network content sharing and storing capabilities and increases for the terminals access efficiency storage efficiency and communication efficiency. This allows a consumer to be relieved from complicated file management and to be no longer troubled by specific technical and management details thus enhancing user experience. For a file content updating synchronization process periods of time when networks are idling or when inter network transmission costs are reduced are selected thus increasing communication efficiency and reducing use costs.

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

(22) Date of filing of Application: 14/05/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: METHOD AND DEVICE FOR PROCESSING PHOTO OF TERMINAL

(51) International classification	:G06F17/30,G06T3/40	(71)Name of Applicant:
(31) Priority Document No	:201210391175.0	1)ZTE CORPORATION
(32) Priority Date	:16/10/2012	Address of Applicant :ZTE Plaza Keji Road South Hi Tech
(33) Name of priority country	:China	Industrial Park Nanshan Shenzhen Guangdong 518057 China
(86) International Application No	:PCT/CN2013/083835	(72)Name of Inventor:
Filing Date	:18/09/2013	1)GONG Yougang
(87) International Publication No	:WO 2014/059847	2)JING Yongnian
(61) Patent of Addition to Application	:NA	3)TIAN Xuehong
Number	:NA	
Filing Date	.1171	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed are a method and device for processing a photo of a terminal. The photo is preprocessed after the photo is saved by the terminal but before the photo is browsed and the photo is scaled thus allowing the pixels and size of the photo to match the parameters of a display screen of the terminal. Also as multiple photos that have been scaled can be integrated the multiple photos are allowed to form one document but are still presented in the form of single photos when displayed to the external the need for repeated scaling of the photos is obviated for subsequent browsing power consumption is greatly reduced also overheads for continued opening and closing of the multiple photos are prevented the smoothness of photo browsing is increased and user experience is enhanced. When transferring photos with another terminal in a case that a screen of the other terminal is limited in terms of display capabilities the local photos are scaled to match the display capabilities of the screen of the other terminal before being transferred thus conserving as much as possible communication traffic taken up by the transfer without loss in display effects.

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

(21) Application No.4127/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/05/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: ETHOXYLATE ISOCYANATE COMPOUND AND ITS USE AS EMULSIFIER

(51) International :C08G18/72,C08G18/79,C08G18/48

classification

(31) Priority Document No :201210421466.X (32) Priority Date :29/10/2012 (33) Name of priority country: China

(86) International :PCT/CN2013/086024

Application No :28/10/2013 Filing Date

(87) International Publication :WO 2014/067430

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1) ROHM AND HAAS COMPANY

Address of Applicant: 100 Independence Mall West 7th Floor

Philadelphia Pennsylvania 19106 U.S.A.

2)DOW GLOBAL TECHNOLOGIES LLC

(72)Name of Inventor: 1) CHEN Yongchun 2) ZHANG Shiling 3)HOU Guoling 4)YUAN Ling

(57) Abstract:

Provided is a composition comprising one or more compound having the structure of formula II:wherein A is a residue of a polyisocyanate L is a linking group formed by a reaction of an isocyanate group with an isocyanate reactive group n is 5 to 25 m is 0 to 100 and Z is methyl or ethyl or propyl and wherein the ratio of the sum of the moles of isocyanate groups plus the moles of said L groups to the moles of said Z groups is 2:1 to 30:1. Also provided is an emulsion in which the particles comprise such a composition and further comprise one or more water insoluble compound that does not have the structure A NCO.

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

(21) Application No.4128/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/05/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: ANIONIC ISOCYANATE COMPOUND AND ITS USE AS EMULSIFIER

(51) International

:B01F17/00,C08G18/72,C08G18/28

classification

(31) Priority Document No

:201210421396.8 :29/10/2012

(32) Priority Date (33) Name of priority country: China

(86) International Application :PCT/CN2013/086025

:28/10/2013

Filing Date (87) International Publication :WO 2014/067431

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1) ROHM AND HAAS COMPANY

Address of Applicant: 100 Independence Mall West 7th Floor

Philadelphia Pennsylvania 19106 U.S.A.

2)DOW GLOBAL TECHNOLOGIES LLC

(72)Name of Inventor: 1) CHEN Yongchun

2)HOU Guoling 3) ZHANG Shiling

(57) Abstract:

Provided is a composition comprising (a) one or more polyisocyanate wherein said polyisocyanate has the structure of formula I: A NCO I and (b) one or more compound having the structure of formula II: A L Q G II wherein A in structure II is identical to A in structure I L is a linking group formed by a reaction of an isocyanate group with an isocyanate reactive group O is an organic group and G is an anionic group and wherein the ratio of the sum of the moles of isocyanate groups plus the moles of said L groups to the moles of said Q groups is 3:1 to 10:1. Also provided is an emulsion in which the particles comprise such a composition and further comprise (c) one or more water insoluble compound that is different from said polyisocyanate (a).

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

(21) Application No.3681/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: IMPROVEMENTS IN REFRIGERATION

(51) International classification :F25B9/00,F25B9/06,F25B19/00 (71)Name of Applicant :

(31) Priority Document No :1220788.2 (32) Priority Date :19/11/2012

(33) Name of priority country :U.K.

(86) International Application No:PCT/GB2013/053056

Filing Date :19/11/2013 (87) International Publication No: WO 2014/076508

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1) DEARMAN ENGINE COMPANY LTD

Address of Applicant: 1 Finsbury Circus, London EC2M 7SH

U.K.

(72) Name of Inventor: 1)AYRES, Michael 2)CLARKE, Henry

3)DEARMAN, Michael

(57) Abstract:

A system comprising a cryogenic engine system and a refrigeration system wherein the cryogenic engine system and the refrigeration system are mechanically and/or thermally coupled with each other. The refrigeration system is driven by the cryogenic engine system and the cryogenic engine system enhances cooling of the refrigeration system.

No. of Pages: 26 No. of Claims: 33

(22) Date of filing of Application :30/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: SILVER NANOPLATE COMPOSITIONS AND METHODS

 (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 	:A61M37/00 :61/795149 :11/10/2012 :U.S.A. :PCT/US2013/063920 :08/10/2013 :WO 2014/058904 :NA :NA	(71)Name of Applicant: 1)NANOCOMPOSIX, INC. Address of Applicant: 4878 Ronson Court, Suite K, San Diego, CA 92111 U.S.A. 2)SIENNA LABS INC. (72)Name of Inventor: 1)OLDENBURG Steven J. 2)MIRANDA, Martin, G. 3)SEBBA, David, S. 4)HARRIS, Todd, J.
- 10	:NA :NA :NA	

(57) Abstract:

Embodiments of the present invention relate to methods for preparing high optical density solutions of nanoparticle, such as nanoplates, silver nanoplates or silver platelet nanoparticles, and to the solutions and substrates prepared by the methods. The process can include the addition of stabilizing agents (e.g., chemical or biological agents bound or otherwise linked to the nanoparticle surface) that stabilize the nanoparticle before, during, and/or after concentration, thereby allowing for the production of a stable, high optical density solution of silver nanoplates. The process can also include increasing the concentration of silver nanoplates within the solution, and thus increasing the solution optical density.

No. of Pages: 58 No. of Claims: 171

(21) Application No.4132/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/05/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : MULTIPLEXED VOLUMETRIC BAR CHART CHIP FOR POINT OF CARE BIOMARKER AND/OR ANALYTE QUANTITATION

 (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 	:16/10/2013 :WO 2014/062821 :NA :NA	(71)Name of Applicant: 1)THE METHODIST HOSPITAL Address of Applicant:6565 Fannin St. Ms d200 Houston TX 77030 U.S.A. (72)Name of Inventor: 1)QIN Lidong 2)SONG Yujun
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Apparatus for determining the quantity of a target protein and/or other types of biomarkers or analytes present in a sample the apparatus comprising: a top plate comprising a plurality of recesses arranged to form a plurality of rows extending parallel to one another; and a bottom plate comprising a plurality of recesses arranged to form a plurality of rows extending parallel to one another and a plurality of channels extending perpendicularly to the plurality of rows of the bottom plate.

No. of Pages: 92 No. of Claims: 48

(21) Application No.4133/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/05/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: COMMUNICATIONS SYSTEMS AND METHODS FOR SUBSEA PROCESSORS

 (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 	:16/10/2013 :WO 2014/062855 :NA :NA	(71)Name of Applicant: 1)TRANSOCEAN INNOVATION LABS LTD Address of Applicant: 70 Harbour Drive 4th Floor George Town Grand Cayman KY1 1003 Cayman Island (72)Name of Inventor: 1)GUTIERREZ Jose 2)PEREIRA Luis
1 (01110 01		
Filing Date	:NA	

(57) Abstract:

A subsea processor may be located near the seabed of a drilling site and used to coordinate operations of underwater drilling components. The subsea processor may be enclosed in a single interchangeable unit that fits a receptor on an underwater drilling component such as a blow out preventer (BOP). The subsea processor may issue commands to control the BOP and receive measurements from sensors located throughout the BOP. A shared communications bus may interconnect the subsea processor and underwater components and the subsea processor and a surface or onshore network. The shared communications bus may be operated according to a time division multiple access (TDMA) scheme.

No. of Pages: 38 No. of Claims: 20

(21) Application No.4134/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/05/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: SUBSEA PROCESSOR FOR UNDERWATER DRILLING OPERATIONS

 (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 	:16/10/2013 :WO 2014/062858 :NA :NA :NA	(71)Name of Applicant: 1)TRANSOCEAN INNOVATION LABS LTD Address of Applicant: 70 Harbour Drive 4th Floor George Town Grand Cayman KY1 1003 Cayman Island (72)Name of Inventor: 1)GUTIERREZ Jose 2)PEREIRA Luis
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A subsea processor may be located near the seabed of a drilling site and used to coordinate operations of underwater drilling components. The subsea processor may be enclosed in a single interchangeable unit that fits a receptor on an underwater drilling component such as a blow out preventer (BOP). The subsea processor may issue commands to control the BOP and receive measurements from sensors located throughout the BOP. The subsea processor may relay information to the surface for recording or monitoring. The subsea processor may also be programmed with a model from which to base operation of the BOP such as in emergency conditions.

No. of Pages: 37 No. of Claims: 20

(22) Date of filing of Application :25/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: PUBLIC WARNING SYSTEM INDICATION TO USERS IN CONNECTED MODE.

(51) International classification: H04W4/06, H04W4/20, H04W4/22 (71) Name of Applicant:

(31) Priority Document No :3425/DEL/2012 (32) Priority Date :06/11/2012

(33) Name of priority country :India

(86) International Application :PCT/EP2013/073122 No

Filing Date

:06/11/2013

(87) International Publication

:WO 2014/072321

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)

Address of Applicant :S- 164 83 Stockholm Sweden

(72) Name of Inventor:

1)BALLAKUR, Ravitej 2)DAS ,Sajal Kumar

3) PERSSON, Claes - Gran

4)RAO, BADANIDIYUR, Sarvesh 5)SCHLIWA -BERTLING, Paul

The embodiments herein provide liberty to mobile terminal users. This means that a user will be alerted about public warning messages even in a case where the user has a mobile terminal that is in an active voice or data call or during establishment of a voice or data call. After receiving the alerting indication, the user can take a decision about whether to disconnect the voice or data call and go to idle mode for receiving the actual warning message via a broadcast channel, such as CBCH in case of a GSM system, or skip the warning message.

No. of Pages: 27 No. of Claims: 36

(22) Date of filing of Application :28/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: HANDLEABLE CALCO- MAGNESIAN SUSPENSION

(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date :NA Filing Date :NA Filing Date :NA	 (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 	:2012/0719 :25/10/2012 :Belgium :PCT/EP2013/072350 :25/10/2013 :WO 2014/064234 :NA :NA	(71)Name of Applicant: 1)S.A. LHOIST RECHERCHE ET DEVELOPPEMENT Address of Applicant:Rue Charles Dubois, 28, B- 1342 Ottignies- Louvain- la- Neuve Belgium (72)Name of Inventor: 1)LAURENT, Bernard
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(57) Abstract:

A calco- magnesian aqueous suspension comprising solid particles of general formula a Ca(OH).b Mg(OH).c MgO in an aqueous phase at a concentration greater than or equal to 200 g/kg, in which a ,b and c represent mass fractions of which the sum is between 90 and 100% and an additive that simultaneously reduces viscosity and moderates the increase in viscosity , in which said additive is a phosphonate or a phosphonic acid.

No. of Pages: 53 No. of Claims: 32

(21) Application No.3608/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :28/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: ALLOYED HOT -DIP GALVANIZED STEEL SHEET AND METHOD FOR MANUFACTURING **SAME**

(51) International classification: C22C38/00,C21D9/46,C22C18/00 (71) Name of Applicant:

:05/11/2013

(31) Priority Document No :2012244274 (32) Priority Date :06/11/2012

(33) Name of priority country :Japan

(86) International Application :PCT/JP2013/079858

Filing Date

(87) International Publication :WO 2014/073520

No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)NIPPON STEEL & SUMITOMO METAL

CORPORATION

Address of Applicant :6-1, Marunouchi 2-chome, Chiyoda-

ku ,Tokyo 1008071 Japan (72) Name of Inventor:

1)FUJITA Soshi

2)YAMANAKA Shintaro

(57) Abstract:

An alloyed hot-dip galvanized steel sheet in which a parent steel sheet containing a prescribed amount of C, Si, Mn, etc. is used, wherein an alloyed hot -dip galvanized zinc plated layer measuring 3 to 30 µm in thickness and containing 5 to 15% of Fe by mass is applied to the surface of the parent steel sheet, the alloyed hot-dip galvanized steel sheet having a layer (A) that is disposed directly below the surface of the parent steel sheet and extends to a thickness of 2 to 20 µm from the surface of the parent steel sheet and into the parent steel sheet the layer (A) containing at least 50% by volume of a ferrite structure, at least 90% by mass of Fe in non oxide form, no more than 10% by mass in total of oxides of Fe, Si, Mn, P, S and Al, and less than 0.05% by mass of C.

No. of Pages: 62 No. of Claims: 5

(21) Application No.3609/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :28/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: ANTI FIBROTIC PYRIDINONES

(51) International :C07D495/04,C07D211/86,C07D401/04 classification

(31) Priority Document

:61/709075

:PCT/US2013/062910

(32) Priority Date :02/10/2012 (33) Name of priority

:U.S.A. country

(86) International Application No

:01/10/2013 Filing Date

No. of Pages: 346 No. of Claims: 300

(87) International

:WO 2014/055548 Publication No

:NA

:NA

(61) Patent of Addition to :NA

Application Number :NA Filing Date (62) Divisional to

Application Number Filing Date

(57) Abstract:

(71)Name of Applicant:

1)INTERMUNE, INC.

Address of Applicant :3280 Bayshore Boulevard, Brisbane,

CA 94005 U.S.A.

(72) Name of Inventor:

1)BUCKMAN ,Brad Owen

2)NICHOLAS ,John Beamond

3) RAMPHAL , Johnnie Y.

4) EMAYAN, Kumaraswamy

5)SEIWERT, Scott D.

Disclosed are pyridinone compounds, method for preparing these compounds, and methods for treating fibrotic disorders.

(21) Application No.3701/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: METHOD AND APPARATUS TO REDUCE CONTAMINATION OF PARTICLES IN A FLUIDIZED BED REACTOR

(51) International : B01J19/02, C30B28/14, C01B33/035classification

(31) Priority Document No :13/670200 :06/11/2012 (32) Priority Date (33) Name of priority

:U.S.A. country

(86) International :PCT/US2013/068487 Application No

:05/11/2013 Filing Date

(87) International Publication :WO 2014/074510

No

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant: 1)REC SILICON INC

Address of Applicant: 3322 Road NE, Moses Lake, WA

98837-9505 U.S.A. (72) Name of Inventor: 1)MILLER, Matthew, J. 2)SPANGLER, Michael, V.

(57) Abstract:

A method and fluidized bed reactor for reducing or eliminating contamination of silicon- coated particles are disclosed. The metal surface of one or more fluidized bed reactor components is at least partially coated with a hard protective layer comprising a material having an ultimate tensile strength of at least 700 MPa at 650°C.

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

(21) Application No.4316/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :20/05/2015

(43) Publication Date: 20/11/2015

(54) Title of the invention: PROGRAMMABLE LOGIC CONTROLLER BASED CONTROL CENTER AND USER INTERFACE FOR AIR SAMPLING IN CONTROLLED ENVIRONMENTS

(51) Intermedicuel election	.C05D10/02 C09D21/19	(71)Nome of Amelians
(51) International classification	:G05B19/02,G08B21/18	(71)Name of Applicant:
(31) Priority Document No	:13/673523	1)VELTEK ASSOCIATES INC.
(32) Priority Date	:09/11/2012	Address of Applicant :15 Lee Boulevard Malvern PA 19355
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2013/068954	(72)Name of Inventor:
Filing Date	:07/11/2013	1)CHURCHVARA Jeffrey
(87) International Publication No	:WO 2014/074718	2)PHILLIPS Mark
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In accordance with an aspect of the present invention there is provided a system for sampling air at multiple locations in a controlled environment. The system includes one or more air sampling devices configured to monitor and test a volume of air within a controlled environment. A control center including a programmable logic controller (PLC) is configured to monitor and control the one or more air sampling devices. One or more touch panel displays are connected to the control center and provide a human computer interface between the control center and users.

No. of Pages: 35 No. of Claims: 28

(22) Date of filing of Application :25/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: BALANCED VALVE PORT FOR FLUID REGULATOR

 (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 	:G05D16/06 :201210377054.0 :28/09/2012 :China :PCT/US2013/062109 :27/09/2013 :WO 2014/052714	(71)Name of Applicant: 1)EMERSON PROCESS MANAGEMENT REGULATOR TECHNOLOGIES, INC. Address of Applicant: 310 East University Drive, McKinney ,TX 75070 U.S.A. (72)Name of Inventor: 1)NGUYEN, Tung, K. 2)MEVIUS, Jason, S.
* * *		'
\mathcal{E}		` '
	:WO 2014/052714	, ,
(61) Patent of Addition to Application	:NA	
Number	:NA	3)ZHOU ,Biao
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A balanced port control assembly includes a control element with a valve plug coupled to a valve stem and a pressure sensing labyrinth defined at least partly by the valve plug. The pressure sensing labyrinth provides for fluid communication between a sealing surface of the valve plug and a balancing diaphragm carried internally of the control element. The pressure sensing labyrinth includes at least one pressure sensing passage extending from the sealing surface and into the valve plug along a central longitudinal axis of the control element. So configured, fluid pressure resident on the sealing surface of the valve plug is also resident on the balancing diaphragm such that equal and opposite forces are applied to the control element.

No. of Pages: 24 No. of Claims: 21

(22) Date of filing of Application :28/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: HYDRAULIC TURBINES WITH OPPOSING INFLOW AND OUTFLOW DIRECTIONS

 (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 	:2012101811 :23/10/2012 :Egypt	(71)Name of Applicant: 1)MOHAMED, Ahmed El Jamil Ahmed Address of Applicant: Elfarik Mohamed Ali Fahmi St. Nazlet El- Batran 7 El Haram Elgiza Egypt (72)Name of Inventor: 1)MOHAMED, Ahmed El Jamil Ahmed
Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a hydraulic turbine in which the inflow of water is directed tangentially in a first plane perpendicular to its axis as far as the centre of the turbine wheel and subsequently parallel to the axis of the wheel before exiting tangentially in another plane perpendicular to the axis of the wheel. In the inflow phase efficiency is enhanced by diversion and deceleration of the flow whereas in the outflow phase efficiency is enhanced by diversion and acceleration of the flow. The method of the invention comprises the following steps: 1. inflow at high speed in the form of jets tangentially to the outside diameter of the wheel; 2. diversion of the flow by 90° ; 3. deceleration of the flow; 4. reversal of the direction of flow; 5. acceleration of the flow; 6. diversion of the flow by 90° ; 7. outflow at high speed in the form of jets tangentially to the outside diameter of the wheel.

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

(21) Application No.3611/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :28/04/2015

(43) Publication Date: 20/11/2015

(54) Title of the invention: AN OIL -FREE TURBOCHARGER BEARING ASSEMBLY HAVING CONICAL SHAFT SUPPORTED ON COMPLIANT GAS BEARINGS

(51) International :F02B39/14,F02B39/00,F16C27/02 classification

:NA

:WO 2014/062373

:61/714909 (31) Priority Document No (32) Priority Date :17/10/2012

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

(86) International Application :PCT/US2013/062950

No

:02/10/2013 Filing Date

(87) International Publication

(61) Patent of Addition to :NA **Application Number**

Filing Date

(62) Divisional to Application :NA Number

:NA Filing Date

(71)Name of Applicant: 1)BORGWARNER INC.

Address of Applicant: Patent Department, 3850 Hamlin Road,

Auburn Hills, Michigan 48326 U.S.A.

(72)Name of Inventor:

1)RYU, Keun

(57) Abstract:

This invention provides a turbocharger bearing assembly having foil bearing assemblies (21, 22, 23, 24, 30, 35, 36, 37, 40, 41, 42, 45, 46, 47, 50, 52) supporting conical rotor elements (3, 4, 10, 11, 16, 17, 31, 32).

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

(21) Application No.3708/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: COLLAGEN HYDROLYZATE AND USE THEREOF

(51) International :A61K38/01,A61K35/32,A61P19/10

classification .A01K36/01,A01K35/32,A0

(31) Priority Document No :10 2012 110 612.6 (32) Priority Date :06/11/2012

(33) Name of priority country:Germany

(86) International :PCT/EP2013/072894

Application No
Filing Date

1 C1/E1 2013

:04/11/2013

(87) International Publication :WO 2014/072235

(61) Patent of Addition to

(61) Patent of Addition to Application Number Filing Date :NA

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:

1)GELITA AG

Address of Applicant: Uferstrasse 7, 69412 Eberbach

Germany

(72)Name of Inventor:

1)OESSER, Steffen

2)GIESEN- WIESE ,Monika 3)FRECH, Hans- Ulrich 4)HAUSMANNS ,Stephan

(57) Abstract:

The present invention relates to a collagen hydrolyzate produced by enzymatic hydrolysis of type B bone gelatin, wherein the collagen hydrolyzate is formed from peptides of which at least 50% by weight, especially at least 70% by weight, have a molecular weight of 1500 to 3500 Da, and which have a mean molecular weight in the range from 4000 to 8000 Da, especially in the range from 4500 to 6000 Da. The invention further relates to the use of this collagen hydrolyzate as active ingredient to maintain and/or improve the health of the bones especially for prevention and/or treatment of osteoporosis. The invention further relates to a food supplement comprising the collagen hydrolyzate.

No. of Pages: 22 No. of Claims: 18

(21) Application No.4325/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :20/05/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: COMPACT BACKUP SEAL FOR A TURBOMACHINE HOUSING

(51) International classification:F01D11/00,F01D25/24,F16J15/06 (71)Name of Applicant:

:10 2012 223 462.4 (31) Priority Document No

(32) Priority Date :17/12/2012

(33) Name of priority country :Germany

(86) International Application :PCT/EP2013/076875

No :17/12/2013 Filing Date

(87) International Publication

:WO 2014/095843

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

1) SIEMENS AKTIENGESELLSCHAFT

Address of Applicant: Wittelsbacherplatz 2 80333 M¹/₄nchen

Germany

(72) Name of Inventor:

1)WEULE Jan

The invention relates to a housing of a turbomachine having a housing pot and a housing cover which is arranged on the housing pot forming a common contact surface and which is in particular screwed counter to the housing pot forming a common contact surface and comprising a seal which is arranged in the common contact surface for sealing the common contact surface and which comprises a first sealing element and a second sealing element which is arranged radially offset to the first sealing element. In order to produce a compact and yet pressure proof housing the first and the second sealing elements are also arranged axially offset to each other in the common contact surface.

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

(21) Application No.3601/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :28/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : ABSORBENT ARTICLES WITH SUBSTRATES HAVING PATTERNED SLOT COATED ADHESIVES

 (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 	:13/685959 :27/11/2012 :U.S.A. :PCT/US2013/070495 :18/11/2013 :WO 2014/085119 :NA :NA	(71)Name of Applicant: 1)THE PROCTER & GAMBLE COMPANY Address of Applicant: One Procter & Gamble Plaza, Cincinnati, Ohio 45202 U.S.A. (72)Name of Inventor: 1)BROWN, Darrell Ian 2)STRASEMEIER, John, Andrew
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present disclosure relates to absorbent articles including a slot coated fluid positioned on a substrate , wherein the fluid is arranged in discrete pattern areas having shapes that correspond with shapes of pattern surfaces on a substrate carrier. The fluids applied to the absorbent articles herein may include various types of viscous fluids , such as adhesives and wetness indicator compositions, and may also include a color that is different than the substrate onto which the fluid is applied.

No. of Pages: 71 No. of Claims: 13

(22) Date of filing of Application :28/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: METHODS AND APPARATUS FOR APPLYING ADHESIVES IN PATTERNS TO AN ADVANCING **SUBSTRATE**

(51) International classification: A61F13/15,B05C5/02,B05C11/10 (71) Name of Applicant:

:WO 2014/085063

(31) Priority Document No :13/685817 (32) Priority Date :27/11/2012

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

(86) International Application :PCT/US2013/069381

:11/11/2013

Filing Date

(87) International Publication

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

1)THE PROCTER & GAMBLE COMPANY

Address of Applicant :One Procter & Gamble Plaza,

Cincinnati ,Ohio 45202 U.S.A.

(72) Name of Inventor: 1)BROWN, Darrell ,Jan

2)STRASEMEIER, John, Andrew

(57) Abstract:

Aspects of the methods and apparatuses (100) herein involve applying fluids onto an advancing substrate (106). The apparatuses (100) and methods herein may provide for the application of viscous fluids (130), such as adhesives, in pre-determined patterns to an advancing substrate (106). The fluid application apparatus may include a slot die applicator (102) and a substrate carrier (104). The slot die applicator(102) may include a slot opening (114), a first lip (116), and a second lip (118), the slot opening (114) located between the first lip (116) and the second lip (118). And the substrate carrier (104) may be adapted to advance the substrate (106) past the slot die applicator (102) as the slot die applicator (102) discharges adhesive onto the substrate (106). In operation when a first surface (108) of the substrate (106) is disposed on the substrate carrier (104), the substrate carrier 104) advances a second surface (110) of the substrate past the slot opening (114) of the slot die applicator (104).

No. of Pages: 52 No. of Claims: 13

(21) Application No.3700/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: WIND TURBINE

 (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 	:F03D1/06 :10 2012 020 198.2 :16/10/2012 :Germany :PCT/EP2013/071574 :16/10/2013 :WO 2014/060446 :NA :NA	(71)Name of Applicant: 1)WOBBEN PROPERTIES GMBH Address of Applicant: Dreekamp 5, 26605 Aurich Germany (72)Name of Inventor: 1)ALTMIKUS, Andree 2)KAMRUZZAMAN, Mohammad
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

The invention relates to a wind turbine rotor blade comprising a suction side (216), a pressure side (217), a region (214) near the root, a rotor blade tip (213), a rotor blade front edge (211), and a rotor blade rear edge (212). Said rotor blade also has a plurality of stagnation points along the length of the rotor blade, which together can form a stagnation point line (215). A plurality of vortex generators are provided in the region of the stagnation point line (215) which is located on the underside (generally referred to as the pressure side) of the rotor blade.

No. of Pages: 13 No. of Claims: 9

(22) Date of filing of Application :27/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: FERRULE WITH STRESS-ISOLATION FEATURE

(51) International classification	:G02B6/38	(71)Name of Applicant:
(31) Priority Document No	:61/713805	1)CORNING OPTICAL COMMUNICATIONS LLC
(32) Priority Date	:15/10/2012	Address of Applicant: 800 17th Street NW, Hickory, NC
(33) Name of priority country	:U.S.A.	28601 U.S.A.
(86) International Application No	:PCT/US2013/064000	2)BACA, Adra Smith
Filing Date	:09/10/2013	3)KETCHAM, Thomas Dale
(87) International Publication No	:WO 2014/062430	4)MORENA, Robert Michael
(61) Patent of Addition to Application	:NA	(72)Name of Inventor:
Number	:NA	1)BACA, Adra Smith
Filing Date	.IVA	2)KETCHAM, Thomas Dale
(62) Divisional to Application Number	:NA	3)MORENA ,Robert Michael
Filing Date	:NA	

(57) Abstract:

A ferrule for optical waveguides includes an exterior (116) of the ferrule an interior (112) of the ferrule, and a stress isolation region (114) between the interior of the ferrule and the exterior of the ferrule. The interior of the ferrule has a bore (118) defined therein that is configured to receive an optical waveguide. The material of the stress- isolation region has an elastic modulus that is less than the elastic modulus of material of the interior and exterior of the ferrule, whereby the stress -isolation region limits communication of stresses therebetween.

No. of Pages: 32 No. of Claims: 15

(21) Application No.3636/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: HIGH TEMPERATURE GRADE STEEL FOR FLUIDIZED BED REACTOR EQUIPMENT

(51) International :C23C30/00,C23C26/00,B32B15/08 classification

(31) Priority Document No :61/745377

(32) Priority Date :21/12/2012 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2013/074184

No :10/12/2013 Filing Date

(87) International Publication :WO 2014/099502

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date (57) Abstract:

(71)Name of Applicant: 1)REC SILICON INC

Address of Applicant: 3322 Road N NE Moses Lake WA

98837 9505 U.S.A. (72) Name of Inventor: 1)SPANGLER Michael V. 2)MILLER Matthew J.

Embodiments of a reaction chamber liner for use in a heated silicon deposition reactor are disclosed. The liner has an upper portion a mid portion comprising a material other than a stainless steel alloy and a lower portion comprising a martensitic stainless steel alloy. The liner s upper portion may have a composition substantially similar to the lower portion.

No. of Pages: 17 No. of Claims: 25

(22) Date of filing of Application :29/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: SPECTRUM SPLITTING METHOD FOR SEISMIC IMAGING

 (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 	:17/05/2013 :WO 2014/185928 :NA :NA :NA	(71)Name of Applicant: 1)GEOKINETICS ACQUISITION COMPANY Address of Applicant:1500 City West Boulevard Suite 800 Houston TX 77042 U.S.A. (72)Name of Inventor: 1)HALL Michael Anthony 2)ARCHER John Stewart
Filing Date	:NA	

(57) Abstract:

Spatial sampling is a key factor in determining acquisition parameters for seismic surveys. Acquiring the data to meet spatial sampling requirements for low mid and high frequencies by acquiring coarse medium and fine acquisition grids respectively and layering these during processing can result in reduced cost and/or higher quality surveys.

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

(21) Application No.3638/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/04/2015

(43) Publication Date: 20/11/2015

(54) Title of the invention: A WELLBORE FLUID •

(51) International classification	:C09K8/035	(71)Name of Applicant:
(31) Priority Document No	:60/793031	1)M-I LLC
(32) Priority Date	:19/04/2006	Address of Applicant :Of 5950 North Course Drive, Houston,
(33) Name of priority country	:U.S.A.	Texas 77002, USA U.S.A.
(86) International Application No	:PCT/US07/066983	(72)Name of Inventor:
Filing Date	:19/04/2007	1)DOUG JONES
(87) International Publication No	: NA	2)RANDY RAY
(61) Patent of Addition to Application	:NA	3)JAY FORRESTER
Number	:NA	
Filing Date	.1171	
(62) Divisional to Application Number	:8881/DELNP/2008	
Filed on	:22/10/2008	

(57) Abstract:

A wellbore fluid, comprising: an aqueous fluid; attapulgite clay; and a salt of an alkali metal or alkaline earth metal, wherein the wellbore fluid is substantially free of hydrating clays.

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

(21) Application No.3537/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: LY75 AS CANCER THERAPEUTIC AND DIAGNOSTIC TARGET

(51) International classification	:C07K16/28,A61P35/00	(71)Name of Applicant:
(31) Priority Document No	:1220010.1	1)OXFORD BIOTHERAPEUTICS LTD
(32) Priority Date	:07/11/2012	Address of Applicant :94A Innovation Drive, Milton Park,
(33) Name of priority country	:U.K.	Abingdon Oxfordshire OX14 4RZ U.K.
(86) International Application No	:PCT/GB2013/052899	(72)Name of Inventor:
Filing Date	:06/11/2013	1)ACKROYD ,James Edward
(87) International Publication No	:WO 2014/072700	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides methods and compositions for treatment screening, diagnosis and prognosis of cancer, such as lymphoma, myeloma, leukaemia, thyroid cancer, bladder cancer, breast cancer, gastric cancer, esophagus cancer, head and neck cancer, and skin cancer, for monitoring the effectiveness of cancer, such as lymphoma myeloma leukaemia thyroid cancer, bladder cancer, breast cancer, gastric cancer, esophagus cancer, head and neck cancer, and skin cancer treatment, and for drug development.

No. of Pages: 107 No. of Claims: 29

(21) Application No.3632/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: ALC PANEL ALC PANEL CONSTRUCTION METHOD AND ALC PANEL LOADING METHOD

(51) International classification :E04C2/06,E04B2/82,E04C2/30 (71)Name of Applicant : :2012240994 (31) Priority Document No 1) ASAHI KASEI CONSTRUCTION MATERIALS (32) Priority Date :31/10/2012 CORPORATION (33) Name of priority country :Japan Address of Applicant: 1 105 Kanda Jinbocho Chiyoda ku (86) International Application No: PCT/JP2013/079439 Tokyo 1018101 Japan :30/10/2013 (72) Name of Inventor: Filing Date (87) International Publication No :WO 2014/069534 1)TAKASE Hirotaka (61) Patent of Addition to 2)WATANABE Hirofumi :NA **Application Number** 3)SAGAWA Jo :NA Filing Date 4)MATSUYAMA Hiroyoshi (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

An ALC panel (1) comprises a panel body (3) formed in a flat plate made from lightweight aerated concrete and reinforcing meshes (5a 5b) that are embedded in the panel body (3) and disposed in the thickness direction of the panel body (3). For the ALC panel (1) the reinforcing meshes (5a 5b) are positioned to be separate from the neutral plane of bending in the ALC panel (1) and contribute to improving flexural strength of the ALC panel (1) so the ALC panel (1) flexural strength is improved.

No. of Pages: 62 No. of Claims: 14

(21) Application No.3633/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: DRUG DELIVERY PARTICLE FORMULATIONS WITH TARGETING MOIETIES

(51) International classification :A61K9/14,A61K9/32,A61P43/00 (71)Name of Applicant: (31) Priority Document No 1)PARTICLE SCIENCES INC. :61/720112 (32) Priority Date :30/10/2012 Address of Applicant: 3894 Courtney Street Suite 180 (33) Name of priority country :U.S.A. Bethlehem PA 18017 U.S.A. (86) International Application (72) Name of Inventor: :PCT/US2013/067241 1)MITCHNICK Mark No :29/10/2013 Filing Date 2) GWOZDZ Garry Thomas (87) International Publication 3)LOXLEY Andrew :WO 2014/070723 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A targeted drug delivery complex containing a particle a targeting moiety electrostatically attached to the particle and an active pharmaceutical ingredient attached to or dispersed or dissolved within the particle is provided. Also provided are pharmaceutical formulations containing a plurality of the complexes as well as methods for use in targeting an active pharmaceutical ingredient to a selected cell or tissue and production of such formulations.

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

(21) Application No.3634/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/04/2015

(43) Publication Date: 20/11/2015

(54) Title of the invention : METHOD FOR PRODUCING METHYL FORMATE BY REACTING METHANOL WITH CARBON MONOXIDE IN THE PRESENCE OF A CATALYST SYSTEM WHICH COMPRISES ALKALI FORMATE AND ALKALI ALCOHOLATE

(51) International classification	:C07C67/36,C07C69/06	(71)Name of Applicant:
(31) Priority Document No	:12194185.0	1)BASF SE
(32) Priority Date	:26/11/2012	Address of Applicant:67056 Ludwigshafen Germany
(33) Name of priority country	:EPO	(72)Name of Inventor:
(86) International Application No	:PCT/EP2013/074663	1)SCHNEIDER Daniel
Filing Date	:26/11/2013	2)MOHL Klaus Dieter
(87) International Publication No	:WO 2014/080026	3)SCH,,FER Martin
(61) Patent of Addition to Application	:NA	4)PASCHOLD J ¹ / ₄ rgen
Number	:NA	5)TELES Joaquim Henrique
Filing Date	.NA	6)RITTINGER Stefan
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a method for producing methyl formate by carbonylating methanol with carbon monoxide in a carbonylation reactor in the presence of a catalyst system containing alkali formate and alkali alcoholate thereby obtaining a reaction mixture (R) which contains methyl formate alkali formate alkali alcoholate and optionally unreacted methanol and unreacted carbon monoxide and which is removed from the carbonylation reactor. The reaction mixture (R) contains at least 0.5 wt.% alkali alcoholate based on the total weight of the reaction mixture (R) and the molar ratio of alkali formate to alkali alcoholate in the reaction mixture (R) is greater than 1.

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

(21) Application No.4130/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/05/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: SYSTEM AND METHOD FOR EXCHANGING SUPPORT DATA WITH A DEVICE HAVING NO PHYSICAL USER INTERFACE

(51) International $:\!G05B1/00,\!G05B19/00,\!G05B15/00$

classification

(31) Priority Document No :61/717522 (32) Priority Date :23/10/2012 (33) Name of priority country: U.S.A.

(86) International Application :PCT/AU2013/001231

No :23/10/2013 Filing Date

(87) International Publication

:WO 2014/063195

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA

Number :NA Filing Date

(71)Name of Applicant:

1)KORTEK INDUSTRIES PTY LTD

Address of Applicant: Level 30 345 Queen Street Brisbane

Oueensland 4000 Australia (72) Name of Inventor: 1)DAVIS Barrie

2)DAVIS Benjamin

(57) Abstract:

A system and method for facilitating a request for technical assistance for a device (100) having a configurable memory (104) but no physical external user interface. The system includes a personal controller (10) for use in wirelessly extracting data from the configurable memory of the device and communicating the extracted data to a remote location to update a record having manufacturing information relating to the device.

No. of Pages: 44 No. of Claims: 38

(21) Application No.4131/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/05/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: DISASSEMBLABLE HINGE WITH A SAFETY CATCH

(51) International classification	:E05D7/10,E05D15/50	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INDUSTRILS I N,,SSJ– AB
(32) Priority Date	:NA	Address of Applicant :Box 214 S 571 23 Nssj Sweden
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:PCT/EP2012/073588	1)ALFREDSSON Bengtke
Filing Date	:26/11/2012	2)LINNSEN Adam
(87) International Publication No	:WO 2014/079512	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a disassemblable hinge (1) having a latching member (2) adapted to be associated with an openable door (20) and a hinge member (3) adapted to be associated with a corresponding door frame (21). The latching member (2) comprises a main body (4) and a catch (5) wherein said main body (4) comprises a hinge slot (6) adapted to receive said hinge member (3) wherein said catch (5) is rotatably engageable with said hinge member (3) around a first axis (A1). The catch (5) is movable between a closed state and an open state and into a disengaged state. The catch (5) and said hinge slot (6) defines a space (14) for housing said hinge member wherein said catch (5) in its closed state locks said hinge member (3) in said space (14). The space (14) is expanded when said catch (5) is moved from said closed state to said disengaged state. The catch (5) is moved from said disengaged state to said open state by rotating said catch (5) around a second axis (A2) thereby releasing said hinge member (3) from said space (14). Thereby a disassemblable hinge is provided enabling a secure opening operation in a two step manoeuvre.

No. of Pages: 27 No. of Claims: 18

(21) Application No.3539/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: HYDANTOIN DERIVATIVE

(51) International :C07D471/10,A61K31/438,A61P3/14 classification

(31) Priority Document No :2012269178 (32) Priority Date :10/12/2012 (33) Name of priority

:Japan country

(86) International :PCT/JP2013/083022 Application No

:10/12/2013 Filing Date

(87) International

:WO 2014/092061 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)CHUGAI SEIYAKU KABUSHIKI KAISHA

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1158543 Japan

(72)Name of Inventor:

1)NISHIMURA, Yoshikazu

2)ESAKI, Toru

3)TAMURA, Tatsuya

(57) Abstract:

The present invention consists of a compound that can be represented by general formula (1) or a pharmacologically permitted salt thereof. (1) (In the formula, R1, R2, R3, and R4 are as defined in the claims.)

No. of Pages: 54 No. of Claims: 16

(22) Date of filing of Application :29/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: FOOTWEAR SOLE STRUCTURE WITH SUSPENDED ELASTOMERIC WEB OR MESH SUPPORT

(51) International classification :A43B13/00,A43B13/12,A43B13/28

(31) Priority Document No :2012904759 (32) Priority Date :30/10/2012

(33) Name of priority country: Australia (86) International

Application No :PCT/AU2013/001256

Filing Date :30/10/2013

(87) International Publication :WO 2014/066940

NO
(61) Potent of Addition to

(61) Patent of Addition to Application Number Filing Date :NA

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant : 1)ATTEY Graeme Scott

Address of Applicant: 8 Nelson Street South Fremantle

Western Australia 6162 Australia

2)LIN Cadmus (72)Name of Inventor : 1)ATTEY Graeme Scott

2)LIN Cadmus

(57) Abstract:

A footwear sole structure has a suspended elastomer web or mesh (1) support for a foot of a wearer of the footwear. A gap or space under the web/mesh allows it to flex down e.g. towards the outsole (3) or the ground. The web or mesh can be secured to a peripheral portion of the sole base by projections or loops (5) on the web or mesh. The web or mesh can be a one piece or multi part moulded component. The web or mesh can provide a peripheral zone around a central zone. The central body (2) can be a moulding incorporating a front strap pair (6) and rear strap pair (7) folded up into a wearing position and lugs (8) and have a higher density elastomer sole that fits up and is bonded into a matching lip in the base of the central body (2) and the elastomer web or mesh (1) fits down over the central body (2) such that the loops (5) stretch around corresponding lugs (8) on the central body (2) and the web or mesh (1) is largely held in pre tension via the strength of the sole supports and there is still space between the web or mesh 1 and the sole for the web/mesh (1) to flex down into via weight of foot.

No. of Pages: 36 No. of Claims: 17

(21) Application No.83/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :13/01/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: UNIQUE ANTI PIRACY LOW ABSORPTION STORAGE SYSTEM FOR BIOLOGICAL SAMPLES

RIAL
Delhi India

(57) Abstract:

The present invention provides an improved system for storing, preservation and transportation of biological samples. The invention provides the system in form of straw which comprises of anti-counterfeiting and anti-piracy features that comprises features indicating the authentic source of the origin of biological samples and low absorption system.

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

(22) Date of filing of Application :30/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: COMBINED STEERING AND DRAG -REDUCTION DEVICE

:F42B10/40,F42B10/66 (71)Name of Applicant : (51) International classification (31) Priority Document No :1260044 1)ROXEL FRANCE (32) Priority Date :22/10/2012 Address of Applicant: Avenue Gay Lussac, F -33167 Saint-(33) Name of priority country Mdard -en -Jalles Cedex France :France 2)HERAKLES (86) International Application No :PCT/EP2013/071990 Filing Date :21/10/2013 (72) Name of Inventor: (87) International Publication No :WO 2014/064055 1)PFIFFER, Andr (61) Patent of Addition to Application 2) CAUBET, Pascal :NA Number 3)LARRIEU, Jean -Michel :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The invention relates to a combined steering and drag -reduction device intended for a missile comprising a base (13) and an upper part which are arranged in succession along a main axis (11) along which the missile is steered. Advantageously ,the device comprises a pressurized- gas generator (35) and at least one lateral thruster (20) comprising: - at least one nozzle (38a, 38b), configured to deliver thrust, by expansion of the gas transmitted by the generator (35), which nozzle can be orientated about an axis substantially perpendicular to the main axis (11), - at least one stabilizing chamber (39), configured to expand the gas transmitted by the generator (35) and expel it through an exit section (43) of the base (13) substantially perpendicular to the main axis (11).

No. of Pages: 22 No. of Claims: 15

(21) Application No.3691/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: METHOD FOR PRODUCING ALDEHYDE COMPOUND

(51) International

:C07C253/30,B01J25/00,B01J31/24

classification

(31) Priority Document No :2012247499

(32) Priority Date

:09/11/2012 (33) Name of priority country: Japan

(86) International Application :PCT/JP2013/080344

:08/11/2013

:NA

Filing Date

(87) International Publication :WO 2014/073672

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to Application :NA

Number

Filing Date

(71)Name of Applicant:

1)MITSUI CHEMICALS, INC.

Address of Applicant: 5-2, Higashi-Shimbashi 1 -chome,

Minato- ku, Tokyo 1057117 Japan

(72) Name of Inventor:

1)TOKUNAGA Koichi

2)KAKINUMA Naoyuki

3)KUMA Shigetoshi

(57) Abstract:

This method for producing an aldehyde compound comprises a step for reacting a compound represented by general formula (a1) or general formula (a2) with hydrogen and carbon monoxide in the presence of a phosphorus compound and a metal compound that contains 0.01-10 ppm by mole of a group 8-10 metal per 1 mole of the compound represented by general formula (a1) or general formula (a2). In this step, the chlorine content in the reaction system is 1.5 parts by weight or less per 1 part by weight of the group 8-10 metal.

No. of Pages: 47 No. of Claims: 8

(21) Application No.3692/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: METHOD AND DEVICE FOR MANUFACTURING TURBINE BLADES

 (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 	:1260682 :09/11/2012 :France :PCT/FR2013/052695 :08/11/2013 :WO 2014/072661 :NA :NA	(71)Name of Applicant: 1)MECACHROME FRANCE Address of Applicant: Z.I. DE LA BOITARDIERE, BP20300 Rue de Saint Regle, F- 37403 Amboise Cedex France (72)Name of Inventor: 1)DE PONNAT, Arnaud 2)MARTIN, Olivier
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a method and device for manufacturing turbine blades (5; 7; 28; 33) made of a metal alloy. Starting with an aluminium and titanium alloy bar (10; 34) having a simple and/or axisymmetric shape, at least two mutually interlocking blanks (2; 3; 4; 8; 11) are produced in the bar (10; 34) by waterjet cutting (16), and then each one of said blanks (2; 3; 4; 8; 11) thus obtained is machined separately in order to obtain the blades (5; 7; 28; 33) having a final profile.

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

(21) Application No.4119/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/05/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: SYSTEMS AND METHODS FOR PROCESSING VARIABLE ACETYL STREAMS

(51) International classification :C07C51/087,C07C51/44,C07C51/573

(31) Priority Document No :61/747567

(32) Priority Date :31/12/2012 (33) Name of priority

country :U.S.A.

(86) International :PCT/US2013/076658

Application No Filing Date :19/12/2013

(87) International :WO 2014/105648

Publication No
(61) Patent of Addition to
Application Number
Filing Date
:WO
:NA
:NA

(62) Divisional to Application Number Filing Date :NA (71)Name of Applicant:

1)EASTMAN CHEMICAL COMPANY

Address of Applicant :200 South Wilcox Drive Kingsport TN

37660 U.S.A.

(72)Name of Inventor:

1)WELLMAN Gregory Abbott Jr.

2)BAYS Joseph Nathaniel 3)KLINE Robert Sterling

(57) Abstract:

The invention provides systems and processes for concentrating acetic acid and acetic anhydride streams. The systems allow operation of equipment used for such concentrations in two or more modes of operation. At least one mode is intended to produce a concentrated or purified acetic acid stream. At least one other mode is intended to produce a concentrated or purified acetic anhydride stream.

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

(22) Date of filing of Application: 19/03/2013 (43) Publication Date: 20/11/2015

(54) Title of the invention: SMART AND INTELLIGENT PARKING SYSTEM (SIPS)

(51) International classification	:B07C	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DR. MOHD. RIZWAN KHAN
(32) Priority Date	:NA	Address of Applicant : ASSISTANT PROFESSOR,
(33) Name of priority country	:NA	DEPARTMENT OF ELECTRICAL ENGINEERING ZAKIR
(86) International Application No	:NA	HUSSAIN COLLEGE OF ENGINEERING & TECH.,
Filing Date	:NA	ALIGARH MUSLIM UNIVERSITY, ALIGARH(U.P.)-202002
(87) International Publication No	: NA	INDIA Uttar Pradesh India
(61) Patent of Addition to Application Number	:NA	2)BASHARAT AHMAD
Filing Date	:NA	(72)Name of Inventor:
(62) Divisional to Application Number	:NA	1)DR. MOHD. RIZWAN KHAN
Filing Date	:NA	2)BASHARAT AHMAD

(57) Abstract:

This patent is for a smart and intelligent parking system which will direct vehicles into the nearest spot automatically. This system can be applied to any large indoor and outdoor parking lots to make drivers easily find parking spot. We used sensor technology to update availabilities of each parking spot periodically. We integrated a sensors, transmitters and receivers with the system to flash LEDs and generates token and direct vehicle to the spot. This system contains a magnetic sensor in order to detect a vehicle entering the parking and vehicle presence in a parking lot. Once the vehicle has been detected in the spot a vehicle identification process will begin. All the information of vehicles parked in the parking lot is stored in the Programming Logic Controller (PLC). An algorithm has been designed in PLC such that it stores the location of all vacant position in the parking in nearest to faraway position. When a vehicle enters at the entrance of parking, a magnetic sensor will detect it. A specific (nearest) parking number is allotted to the vehicle and a paper slip will be issued to the driver of vehicle. Driver of vehicle will park the vehicle at the allotted parking spot. Driver will keep the paper slip with him so that he can identify the location of his vehicle when he will decide to leave the parking area. The information of vacant position in the parking area can be also being displayed at the entrance with LEDs system. This unique method allows everyday users the right to park easily and give visitors to an opportunity to get close parking without much hassle. There are different techniques to detect the vehicle in the parking area and send the vehicle information in a number of ways in different types of processor/controller to process the data and generate the closest parking to the next vehicle entering the parking area. All these components will come together to create a smart and intelligent parking system. Our system is for single entry and single exit. But it can be made for multi-entry and multi-exit.

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

(21) Application No.4135/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/05/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: GEL POLYMER ELECTROLYTE AND LITHIUM SECONDARY BATTERY INCLUDING SAME

(51) International :H01M10/0565,H01M10/052,H01M4/04 classification

:1020130129439

:Republic of Korea

:PCT/KR2014/010170

:29/10/2013

(31) Priority Document

(32) Priority Date

(33) Name of priority

country

(86) International

Application No Filing Date

Publication No

(61) Patent of Addition :NA to Application Number

Filing Date (62) Divisional to **Application Number**

(87) International :WO 2015/065004

:28/10/2014

:NA :NA

:NA

(71) Name of Applicant:

1)LG CHEM LTD.

Address of Applicant: 128 Yeoui daero Yeongdeungpo gu

Seoul 150 721 Republic of Korea

(72) Name of Inventor:

1)YU Sung Hoon

2)LEE Kyung Mi 3)KANG Yoo Sun

4)LEE Jung Hoon

5)YANG Doo Kyung

(57) Abstract:

Filing Date

The present invention relates to a gel polymer electrolyte including imide salt and a lithium secondary battery including the same which is a lithium secondary battery having a protective film on an cathode tab and can provide an electrolyte capable of manufacturing a secondary battery having good performance without the risk of corrosion of a cathode even while using imide salt having effects of improving output and high temperature storage properties as electrolyte salt and a secondary battery including the same.

No. of Pages: 44 No. of Claims: 27

(21) Application No.4136/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/05/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: VOLTAGE SENSING WIRE FEEDER WITH WELD PROCEDURE MEMORIES

(51) International classification: B23K9/095,B23K9/10,B23K9/12 (71)Name of Applicant: 1)ILLINOIS TOOL WORKS INC. (31) Priority Document No :13/799367 (32) Priority Date :13/03/2013 Address of Applicant :155 Harlem Avenue Glenview Illinois (33) Name of priority country :U.S.A. 60025 U.S.A. (72) Name of Inventor: (86) International Application :PCT/US2014/017503 1)RAPPL James Francis No :20/02/2014 Filing Date 2) IHDE Jeffery Ray (87) International Publication 3)FELDHAUSEN Joseph Edward :WO 2014/163826 4) REITMEYER Timothy Jay (61) Patent of Addition to 5)LAHTI Thomas Don :NA **Application Number** 6)BYRON Clay Alan :NA Filing Date 7)NOVAK Michael Hilary (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A voltage sensing wire feeder includes a storage device and a user interface. The user interface is configured to receive a first selection and a second selection. The first selection is configured to direct the voltage sensing wire feeder to use a first group of settings stored in the storage device and the second selection is configured to direct the voltage sensing wire feeder to use a second group of settings stored in the storage device.

No. of Pages: 21 No. of Claims: 20

(22) Date of filing of Application :14/05/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: DELIVERY AND DISPLAY OF PAGE PREVIEWS DURING PAGE RETRIEVAL EVENTS

 (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 	:G06F17/30 :61/726510 :14/11/2012 :U.S.A. :PCT/US2013/069733 :12/11/2013 :WO 2014/078326 :NA :NA	4)STEWART Ian William 5)TAYLOR Brett Richard 6)HILL Peter Frank 7)NAIR Aakarsh 8)REDDIE Steven Michael
- 100000	:NA :NA :NA	· ·

(57) Abstract:

A system and process are disclosed for providing users with page previews during page loading events such that the delay experienced before the display of page content is reduced. The previews may include screenshots of the pages or of portions thereof and may be generated periodically and cached by the system for delivery to user devices. The process of generating and delivering the previews via the Internet or some other network may be implemented partly or wholly within an intermediary system that sits logically between the user devices and content servers. The process may be used with existing browsers without the need for any browser modifications or may be used with a preview aware browser that includes special program code for providing page previews.

No. of Pages: 55 No. of Claims: 15

(22) Date of filing of Application :14/05/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: DOOR LOCK DEVICE FOR VEHICLE

(51) International classification	:E05B83/36	(71)Name of Applicant:
(31) Priority Document No	:2012238246	1)AISIN SEIKI KABUSHIKI KAISHA
(32) Priority Date	:29/10/2012	Address of Applicant :1 Asahi machi 2 chome Kariya shi
(33) Name of priority country	:Japan	Aichi 4488650 Japan
(86) International Application No	:PCT/JP2013/076247	(72)Name of Inventor:
Filing Date	:27/09/2013	1)SUZUMURA Makoto
(87) International Publication No	:WO 2014/069130	2)NISHIO Takashi
(61) Patent of Addition to Application	:NA	3)TAKASU Nobuko
Number	:NA	4)SONO Yasuhiko
Filing Date	.IVA	5)TOMOCHIKA Masayuki
(62) Divisional to Application Number	:NA	6)IWATA Masanari
Filing Date	:NA	7)YAMADA Yusuke

(57) Abstract:

A door lock device for a vehicle is provided with: a door lock body which is configured so as to be mounted to a door; an outside opening lever which is rotatably mounted to a support shaft provided to the door lock body; and a connection member which is mounted to the rotation end of the outside opening lever and which has an insertion hole. The outside opening lever side end of a rod which connects the outside opening lever and an outside door handle which is configured so as to be mounted to the side of the door which faces the outside of the vehicle is configured so as to be inserted through the insertion hole. The connection member is provided with a mounting hole which intersects the insertion hole and a mounting section is provided to the rotation end of the outside opening lever. The connection member is fitted and affixed in the mounting hole to the mounting section of the outside opening lever. As a result of this configuration the force with which the connection member is held by the outside opening lever is ensured and the connection member can be easily mounted to the outside opening lever.

No. of Pages: 35 No. of Claims: 9

(22) Date of filing of Application :29/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: DRIVE CONTROL DEVICE FOR MOTOR VEHICLE DURING LOW TEMPERATURE

 (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 	:B60L15/20,B60L9/18 :2012246140 :08/11/2012 :Japan :PCT/JP2013/079195 :29/10/2013 :WO 2014/073414 :NA :NA	(71)Name of Applicant: 1)NTN CORPORATION Address of Applicant: 3 17 Kyomachibori 1 chome Nishi ku Osaka shi Osaka 5500003 Japan (72)Name of Inventor: 1)KANDA Takeshi
	:NA :NA :NA	

(57) Abstract:

In a drive control device for a motor vehicle during low temperature the rotation of a motor (9) is transmitted to a wheel via a gear and oil is shared for cooling the motor (9) and lubricating the gear. The motor vehicle comprises: a command torque computation means (24) for computing a command torque for the motor (9) in accordance with an acceleration input; a motor drive control means (23) for controlling the value of current flowing in the motor (9) in accordance with the command torque computed by the command torque computation means (24); an oil temperature detection means (21) for detecting oil temperature; and a motor torque modification means (25) for modifying the command torque in accordance with the oil temperature detected by the oil temperature detection means (21).

No. of Pages: 33 No. of Claims: 8

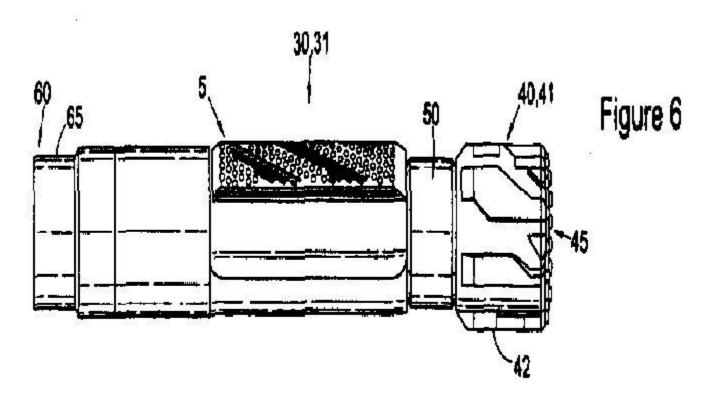
(22) Date of filing of Application :20/10/2011 (43) Publication Date : 20/11/2015

(54) Title of the invention: DOWNHOLE DRILLING ASSEMBLY

(51) International classification	:E21B4/00	(71)Name of Applicant:
(31) Priority Document No	:0904791.1	1)TURBOPOWER DRILLING SAL
(32) Priority Date	:20/03/2009	Address of Applicant :HARB CENTER, BIR HASSAN, PO
(33) Name of priority country	:U.K.	BOX 15-5101 BEIRUT (LB) Lebanon
(86) International Application No	:PCT/GB2010/000502	(72)Name of Inventor:
Filing Date	:19/03/2010	1)DOWNIE, ANDREW, MCPHERSON
(87) International Publication No	:WO 2010/106335	2)VITALE, PASCAL, MICHEL
(61) Patent of Addition to Application	:NA	3)BOUSSI, BACHAR
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A downhole stabiliser (5), such as a drill motor stabiliser, comprises at least one reaming means and/or reinforcing means (10). The present invention also relates to an assembly (30), such as a downhole drilling assembly (31), comprising at least one such stabiliser (5) and/or a drill bit (40,41) comprising a gauge bit (42) at or near a drilling end (45) thereof, and a connection means (46) for connecting the drill bit (40,41) to a drill motor assembly (60), wherein the drill bit gauge (42) comprises a substantially cylindrical portion having a length less than or equal to approximately 1.0 times the nominal bit diameter. The present invention also relates to a novel locking mechanism (80), such as a lock and key mechanism, to allow locking of a shaft (70), e.g. a motor drive shaft (71), through or together with a stabiliser (5).



No. of Pages: 42 No. of Claims: 72

(21) Application No.3689/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: ACP MEDIATED PRODUCTION OF FATTY ACID DERIVATIVES

 (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 Filing Date 	n:C07K14/195,C12N9/00,C12P7/64 :61/736428 :12/12/2012 :U.S.A. :PCT/US2013/074427 :11/12/2013 :WO 2014/093505 :NA :NA :NA	(71)Name of Applicant: 1)LS9, INC. Address of Applicant:600 Gateway Boulevard, South San Francisco, CA 94080 U.S.A. 2)SIMPSON, David 3)DA COSTA, Bernardo 4)RUDE, Mathew 5)TRINH, Na 6)POPOVA, Emanuela 7)VENKITESWARAN, Sankaranarayanan 8)HELMAN, Noah (72)Name of Inventor: 1)SIMPSON, David 2)DA COSTA, Bernardo 3)RUDE, Mathew 4)TRINH, Na 5)POPOVA, Emanuela 6)VENKITESWARAN, Sankaranarayanan 7)HELMAN, Noah 8)na
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(57) Abstract:

The disclosure relates to recombinant microorganisms that exhibit an increased expression of an acyl carrier protein (ACP) resulting in production of fatty acid derivatives. The disclosure further relates to methods of using the recombinant microorganisms in fermentation cultures in order to produce fatty acid derivatives and related compositions.

No. of Pages: 224 No. of Claims: 59

(21) Application No.4141/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 14/05/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention : ELECTROLYTE ADDITIVE FOR LITHIUM SECONDARY BATTERY NON AQUEOUS ELECTROLYTE COMPRISING ELECTROLYTE ADDITIVE AND LITHIUM SECONDARY BATTERY

(51) International :H01M10/0567,H01M10/0568,H01M4/583

classification

(31) Priority
Document No :1020130131464

(32) Priority Date :31/10/2013

(33) Name of priority country :Republic of Korea

(86) International

Application No :PCT/KR2014/010350

Filing Date :31/10/2014

(87) International

:WO 2015/065093

Publication No
(61) Patent of Addition
...NA

to Application Number: NA
Filing Date

(62) Divisional to
Application Number
Filing Date
:NA

(71)Name of Applicant: 1)LG CHEM LTD.

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Seoul 150 721 Republic of Korea

(72) Name of Inventor:

1)KIM Gwang Yeon

2)LEE Chul Haeng

3)YANG Doo Kyung

4)LIM Young Min 5)KIM Shul Kee

6)AN Yu Ha

7)PARK Jin Hyun

(57) Abstract:

The present invention provides a non aqueous electrolyte comprising: a non aqueous organic solvent; an imide based lithium salt; and as an electrolyte additive at least one additive selected from the group consisting of lithium difluorooxalate phosphate (LiDFOP) trimethylsilylpropyl phosphate (TMSPa) 1 3 propenesultone (PRS) and ethylene sulfate (Esa). The electrolyte additive for a lithium secondary battery of the present invention can suppress the PF6 decomposition of a positive electrode surface which may occur at the time of high temperature cycle operation of a lithium secondary battery and prevent an oxidation reaction of an electrolyte thereby improving output characteristics at high and low temperatures and suppressing a swelling phenomenon.

No. of Pages: 26 No. of Claims: 14

(21) Application No.4142/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/05/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: INHIBITORS OF SODIUM GLUCOSE COTRANSPORTER 1

(51) International classification	:C07D309/10,C07H5/00	(71)Name of Applicant:
(31) Priority Document No	:61/728373	1)LEXICON PHARMACEUTICALS INC.
(32) Priority Date	:20/11/2012	Address of Applicant :8800 Technology Forest Place The
(33) Name of priority country	:U.S.A.	Woodlands TX 77381 U.S.A.
(86) International Application No	:PCT/US2013/070556	(72)Name of Inventor:
Filing Date	:18/11/2013	1)CARSON Kenneth Gordon
(87) International Publication No	:WO 2014/081660	2)GOODWIN Nicole Cathleen
(61) Patent of Addition to Application	:NA	3)HARRISON Bryce Alden
Number	:NA	4)RAWLINS David Brent
Filing Date	.NA	5)STROBEL Eric
(62) Divisional to Application Number	:NA	6)ZAMBROWICZ Brian
Filing Date	:NA	

(57) Abstract:

Inhibitors of sodium glucose cotransporter 1 (SGLT1) compositions comprising them and methods of their use to treat diseases and disorders such as diabetes are disclosed. Particular compounds are of the formula (I): the various substituents of which are defined herein.

No. of Pages: 74 No. of Claims: 20

(21) Application No.4107/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/05/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: PIEZO INJECTOR

 (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 	:F02M51/06 :10 2012 223 934.0 :20/12/2012 :Germany :PCT/EP2013/076961 :17/12/2013 :WO 2014/095910 :NA :NA	(71)Name of Applicant: 1)CONTINENTAL AUTOMOTIVE GMBH Address of Applicant: Vahrenwalder Strae 9 30165 Hannover Germany (72)Name of Inventor: 1)SCHRZ Willibald
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a piezo injector with an actuator chamber (170) in which a piezo actuator (180) is arranged. The piezo injector comprises an upper section the injector body (150) and a lower section the nozzle body (140). The piezo injector also has a control piston bore (200) which is formed in the nozzle body wherein a control sleeve (220) in which a control piston (340) is received is arranged in the control piston bore (200). The control sleeve (220) seals against an intermediate plate (260) with a first front face (240) facing the piezo actuator (180). The control piston (340) has a first side (360) facing the piezo actuator (180) wherein the first front face (360) of the control piston (340) and the section of the control sleeve (220) facing the piezo actuator (180) form a first control chamber (380).

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

(21) Application No.4108/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/05/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: STEAM STRAINER

(51) International

:B01D46/00,B01D46/10,F01D25/32

classification

(31) Priority Document No :12198304.3 :20/12/2012

(32) Priority Date

(33) Name of priority country: EPO

:NA

(86) International Application :PCT/EP2013/075612

Filing Date

:05/12/2013

(87) International Publication :WO 2014/095380

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date

(62) Divisional to Application:NA Number

Filing Date

(71)Name of Applicant:

1) SIEMENS AKTIENGESELLSCHAFT

Address of Applicant: Wittelsbacherplatz 2 80333 M¹/₄nchen

Germany

(72) Name of Inventor:

1)REHME Olaf

2)TRBEL Armin

(57) Abstract:

The invention relates to a steam strainer and a method for producing a steam strainer. The invention relates to a steam strainer (1) comprising a skeleton like tube body in which to construct a shell surface (7) at least two shell type individual elements (8) are provided for mounting wherein the skeleton like tube body has two end surfaces (2 3) which are kept at a defined spacing by at least one longitudinal strut (4) connecting the two end surfaces (2 3) and wherein the at least two shell type individual elements (8) have a plurality of screen openings (11) and wherein the at least two shell type individual elements (8) and the longitudinal strut (4) are independently exchangeable. In addition the invention relates to a method for producing such a steam strainer.

No. of Pages: 15 No. of Claims: 8

(21) Application No.4109/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/05/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : METHOD FOR MANUFACTURING ANODE ACTIVE MATERIAL AND ANODE ACTIVE MATERIAL FOR LITHIUM SECONDARY BATTERY MANUFACTURED THEREBY

(51) International :H01M4/48,H01M4/58,H01M4/525

(31) Priority Document No :1020130129617 (32) Priority Date :29/10/2013

(33) Name of priority country: Republic of Korea (86) International Application: PCT/KR2014/010257

No :29/10/2014

Filing Date :29/10/2014

(87) International Publication :WO 2015/065046

(61) Patent of Addition to

Application Number :NA

Application Number :NA :NA

(62) Divisional to Application :NA
Number :NA
Filing Date

(71)Name of Applicant: 1)LG CHEM LTD.

Address of Applicant:128 Yeoui daero Yeongdeungpo gu

Seoul 150 721 Republic of Korea

(72)Name of Inventor:
1)OH Hyun Jin
2)SHIN Ho Suk
3)LIM Jin Hyung
4)LEE Dong Hun
5)JIN Joo Hong

6)JUNG Wang Mo

(57) Abstract:

The present invention relates to a method for manufacturing an anode active material and to the anode active material manufactured thereby the method comprising a step of coating a surface of a lithium transition metal oxide with a boron lithium oxide by dry mixing the lithium transition metal oxide and a boron containing compound and heat treating the mixture. In a manufacturing method for the anode active material according to one embodiment of the present invention lithium impurities in the lithium transition metal oxide can be converted easily into boron lithium oxide having a stable structure by means of a heat treatment at close to the melting point of the boron containing compound. Furthermore a coating layer involving even coating of the boron lithium oxide can be formed in an amount proportional to the amount of the boron containing compound used even at low heat treating temperatures.

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

(21) Application No.3639/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: PROBE ASSEMBLY FOR A FLUID BED REACTOR

(51) International classification	:B01L99/00,B01J8/24	(71)Name of Applicant:
(31) Priority Document No	:13/670200	1)REC SILICON INC
(32) Priority Date	:06/11/2012	Address of Applicant :3322 Road N NE Moses Lake WA
(33) Name of priority country	:U.S.A.	98837 9505 U.S.A.
(86) International Application No	:PCT/US2013/068474	(72)Name of Inventor:
Filing Date	:05/11/2013	1)MILLER Matthew
(87) International Publication No	:WO 2014/074505	2)SPANGLER Michael V.
(61) Patent of Addition to Application	:NA	3)WEMP Barry
Number	:NA	4)OSBORNE E. Wayne
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Embodiments of a probe assembly for a fluid bed reactor are disclosed. The probe assembly includes a fluid bed reactor (FBR) member and a pressure tap comprising a wall defining a passageway within which the FBR member is located. Exemplary FBR members include but are not limited to a thermocouple a seed pipe a particle sampling line a gas sampling line a gas feed line a heater a second pressure tap or a combination thereof. Disclosed embodiments of the probe assembly reduce or eliminate the need for support rods and rings within the fluid bed reactor reduce component fouling within the reactor and/or reduce product contamination.

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

(21) Application No.3640/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: PYRIDINE DERIVATIVE

(51) International classification :C07D401/04,A61K31/4439,A61P3/10

(31) Priority Document No :2012250661 (32) Priority Date :14/11/2012

(32) Friority Date .14/11/2012
(33) Name of priority .Japan

country

(86) International Application No :PCT/JP2013/080706

Filing Date :13/11/2013

(87) International Publication No :WO 2014/077285

(61) Patent of Addition to Application Number Filing Date :NA

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:

1)TEIJIN PHARMA LIMITED

Address of Applicant :2 1 Kasumigaseki 3 chome Chiyoda ku

Tokyo 1000013 Japan (72)Name of Inventor: 1)MARUYAMA Akinobu 2)KAMADA Hirofumi 3)FUJINUMA Mika 4)TAKEUCHI Susumu

5)SAITOH Hiroshi

6)TAKAHASHI Yoshimasa

(57) Abstract:

Provided is a pyridine derivative represented by formula (I) a prodrug thereof a pharmaceutically acceptable salt of the pyridine derivative or the prodrug or a solvate of the pyridine derivative the prodrug or the pharmaceutically acceptable salt which is useful for treatment or prophylaxis of diseases associated with URAT1 such as gout hyperuricemia hypertension kidney diseases such as interstitial nephritis diabetes arteriosclerosis and Lesch Nyhan syndrome.

No. of Pages: 221 No. of Claims: 23

(21) Application No.3679/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: PREPARATION OF LIVE VACCINES

(51) International classification :C12R1/42,A61K39/02,A61K39/112

(31) Priority Document No :12006261.7 (32) Priority Date :05/09/2012

(33) Name of priority country :EPO

(86) International :PCT/EP2013/068373

Application No
Filing Date :05/09/2013

(87) International Publication: WO 2014/037445

No (61) Patent of Addition to

(61) Patent of Addition to
Application Number
Filing Date

(62) Print Park (73) Print Park (74) Print Park (74

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:

1)LOHMANN ANIMAL HEALTH GMBH

Address of Applicant: Heinz-Lohmann - Strasse 4, 27472

Cuxhaven Germany (72)Name of Inventor: 1)LINDE, Klaus

2) GROSSE - HERRENTHEY, Anke

(57) Abstract:

Described is a method for the generation of a live vaccine containing stable bacteria carrying at least three attenuating mutations and a vaccine containing bacteria obtained by said method.

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

(21) Application No.4138/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/05/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: GEL POLYMER ELECTROLYTE AND ELECTRO CHEMICAL DEVICE COMPRISING SAME

(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
(H01M10/056,H01M10/05
(31/10/2013
(Republic of Korea
(PCT/KR2014/010360
(31/10/2014
(WO 2015/065101

(61) Patent of Addition to Application :NA
Number :NA
Filing Date

(62) Divisional to Application
Number

Filing Date
:NA

:H01M10/056,H01M10/052 (71)Name of Applicant :

1)LG CHEM LTD.

Address of Applicant :128 Yeoui daero Yeongdeungpo gu

Seoul 150 721 Republic of Korea

(72)Name of Inventor: 1)AHN Kyoung Ho 2)OH Jeong Woo 3)JUNG Yi Jin 4)YANG Doo Kyung

5)KIM Min Jung

(57) Abstract:

The present invention provides: a gel polymer electrolyte which is manufactured by polymerizing and thereby gelling a composition for the gel polymer comprising an organic solvent an electrolytic salt and a first polymerizable monomer wherein the gel polymer electrolyte also comprises a flame retardant compound as a first additive; and an electro chemical device comprising same.

No. of Pages: 43 No. of Claims: 21

(21) Application No.4139/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/05/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: ELECTRODE NEGATIVE PULSE WELDING SYSTEM AND METHOD

:NA

:NA

:B23K9/09,B23K9/095 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)ILLINOIS TOOL WORKS INC. :13/828040 (32) Priority Date Address of Applicant: 155 Harlem Avenue Glenview Illinois :14/03/2013 (33) Name of priority country :U.S.A. 60025 U.S.A. (86) International Application No :PCT/US2014/017864 (72) Name of Inventor: Filing Date :22/02/2014 1)MARSCHKE Bryan Dustin (87) International Publication No :WO 2014/158531 2)D'ARCY Amanda Jean (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number

(57) Abstract:

Filing Date

A welding system includes a power source configured to generate power and deliver the power to a welding torch. The power is provided in accordance with an electrode negative pulse welding regime that includes a cyclic peak followed by a stabilization phase then a return to a background level. The stabilization phase has a generally parabolic current shape and is performed in a current closed loop manner until a transition point where control becomes voltage closed loop until the background level is reached. Resulting weld performance is improved with a globular like transfer mode reduced shorts and enhanced arc stability.

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

(21) Application No.4140/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/05/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: AZINE METAL PHOSPHATES AS FLAME RETARDANT MATERIALS

(51) International classification	:C07F3/00,C07F3/02,C07F3/06	(71)Name of Applicant:
(31) Priority Document No	:NA	1)CATENA ADDITIVES GMBH & CO. KG
(32) Priority Date	:NA	Address of Applicant :Neue Bergstrae 13 64665 Alsbach
(33) Name of priority country	:NA	Hhnlein Germany
(86) International Application No	:PCT/EP2012/004329	(72)Name of Inventor:
Filing Date	:16/10/2012	1)WEHNER Wolfgang
(87) International Publication No	:WO 2014/060003	
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date		
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date		

(57) Abstract:

The present invention relates to azine metal phosphates compositions containing same a method for producing same and use of same as flame retardant materials. Typical representatives are (A H) [tO] $\cdot \cdot \cdot 2O$ and (Mel H)[AIPO] (with A = melamine or guanidine Mel = melamine and Mt = Mg or Zn).

No. of Pages: 36 No. of Claims: 9

(21) Application No.3622/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :28/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: SUBSTITUTED BENZENE COMPOUNDS

(51) International :C07D213/50,C07D401/12,C07D405/12 classification

:61/714145

(31) Priority Document

(32) Priority Date :15/10/2012 (33) Name of priority :U.S.A.

country

(86) International

:PCT/US2013/065126 Application No :15/10/2013

Filing Date

(87) International :WO 2014/062732 Publication No

(61) Patent of Addition to :NA

Application Number :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71) Name of Applicant:

1)EPIZYME,INC.

Address of Applicant: 400 Technology Square, 4th Floor,

Cambridge, MA 02139 U.S.A.

(72)Name of Inventor:

1)KUNTZ, Kevin, Wayne

2) CAMPBELL , John, Emmerson

3)SEKI ,Masashi

(57) Abstract:

The present invention relates to substituted benzene compounds. The present invention also relates to pharmaceutical compositions containing these compounds and methods of treating cancer by administering these compounds and pharmaceutical compositions to subjects in need thereof. The present invention also relates to the use of such compounds for research or other non therapeutic purposes.

No. of Pages: 63 No. of Claims: 16

(21) Application No.708/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :16/03/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: COMPOSITE

(51) International classification	:H04L12/56	(71)Name of Applicant:
(31) Priority Document No	:2014- 100014	1)KABUSHIKI KAISHA TOSHIBA Address of Applicant :1-1, Shibaura 1-chome, Minato-ku,
(32) Priority Date	:13/05/2014	Tokyo 105-8001, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)Katsuyuki Naito
Filing Date	:NA	2)Yasuhiro Harada
(87) International Publication No	: NA	3)Norihiro Yoshinaga
(61) Patent of Addition to Application Number	:NA	4)Yoshihiro Akasaka
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(57) Abstract:

According to one embodiment, there is provided a composite. The composite includes active material 5 particles of a titanium composite oxide or oxide of titanium, and a graphene structure including a carbon material. The carbon material has a graphene framework defining a graphene surface. The graphene structure is located in between the active material particles. The 10 graphene structure has at least one side surface in contact with the active material particle. The side surface includes the carbon material whose graphene surface is slanted relative to the side surface.

No. of Pages: 89 No. of Claims: 13

(22) Date of filing of Application :30/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : METHODS AND SYSTEMS FOR PREVENTING CARD PAYMENT FRAUD AND RECEIVING PAYMENTS USING CODES AND MOBILE DEVICES

 (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 	:G06Q20/00 :13/646706 :07/10/2012 :U.S.A. :PCT/IB2013/058170 :30/08/2013 :WO 2014/053924	(71)Name of Applicant: 1)ZHOU ,Tiger Address of Applicant :One Blackfield ,Suite 416, Tiburon ,California 94920 U.S.A. 2)ZHOU, Dylan 3)ZHOU ,Andrew (72)Name of Inventor:
• •		-/
(87) International Publication No	:WO 2014/053924	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)ZHOU ,Tiger
Number	:NA	2)ZHOU, Dylan
Filing Date	37.1	3)ZHOU ,Andrew
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided are methods and systems for preventing card payment fraud and receiving payments using codes and mobile devices. To pay for a product, a new code payment card without visible digits may be created. A code associated with the code payment card may encode customer payment information and may be scanned by a merchant to receive payment for products. Upon scanning the code, it may be sent to a server. The server may then decode the code for retrieving customer payment information. Based on the customer payment information retrieved and product information stored on the server, purchase transaction may be processes. Based on the processing, a merchant may receive payment for products. The payment may be received from a customer account.

No. of Pages: 21 No. of Claims: 32

(22) Date of filing of Application :30/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : METHODS AND SYSTEMS FOR RECEIVING COMPENSATION FOR USING MOBILE PAYMENT SERVICES

 (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 	:G06Q30/02 :13/661207 :26/10/2012 :U.S.A. :PCT/IB2013/058171 :30/08/2013 :WO 2014/064549 :NA :NA	(71)Name of Applicant: 1)ZHOU, Tiger Address of Applicant: One Blackfield, Suite 416, Tiburon, California 94920 U.S.A. 2)ZHOU, Dylan 3)ZHOU, Andrew (72)Name of Inventor: 1)ZHOU, Tiger 2)ZHOU, Dylan 3)ZHOU, Andrew
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provided are methods and systems for receiving compensation for using mobile payment services. A customer may register with a mobile payment service provider and provide customer payment information. Based on the customer payment information the customer may receive a unique code which may be scanned by a scanner of a merchant to transfer payment for products. Additionally to encourage the customer to further use mobile payment services the customer may receive a compensation which may be provided according to predetermined criteria. Based on the compensation the customer may receive a free mobile device from the mobile payment service provider. A high amount of the compensation may entitle the customer to receive free insurance services and free bank services from a bank of the mobile payment service provider. Furthermore, the mobile device received from the mobile payment service provider may be also repaired or exchanged free of charge.

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

(22) Date of filing of Application :30/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: DEVICE FOR CONTROLLING INTERNAL COMBUSTION ENGINE

:G01N27/409,G01N27/41 (71)Name of Applicant : (51) International classification (31) Priority Document No :2013029168 (32) Priority Date :18/02/2013

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2013/064524 Filing Date :24/05/2013 :WO 2014/125661

(87) International Publication No (61) Patent of Addition to Application

:NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

1)TOYOTA JIDOSHA KABUSHIKI KAISHA

Address of Applicant: 1, Toyotacho, Toyota-shi, Aichi 471-

8571 Japan

(72) Name of Inventor: 1)AOKI Keiichiro 2)HAYASHITA Go

(57) Abstract:

In the present invention, arranged in an engine exhaust passage is a sensor for detecting the oxygen concentration or air-fuel ratio in exhaust gas, the sensor being provided with the following: a solid electrolyte body; an exhaust gas side electrode that is provided to one side of the solid electrolyte body and is contacted with the exhaust gas; an air -side electrode that is provided to the other side of the solid electrolyte body and is contacted with air; and an electrical circuit for applying a reference voltage between these electrodes. The sensor for detecting the oxygen concentration or air-fuel ratio has a property where, when a voltage (Vs) applied between the electrodes is increased with the air- fuel ratio being constant, an output current (Ip) continues to increase, without there being a limiting current range. The air- fuel ratio is controlled on the basis of the output current (Ip) of the sensor for detecting the oxygen concentration or air- fuel ratio.

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

(22) Date of filing of Application :30/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: FLOW BATTERY WITH VOLTAGE LIMITING DEVICE

(57) Abstract:

A flow battery includes at least one cell that has a first electrode, a second electrode spaced apart from the first electrode and an electrolyte separator layer that is arranged between the first electrode and the second electrode. A storage portion is fluidly connected with the at least one cell. At least one liquid electrolyte includes an electrochemically active specie and is selectively deliverable to the at least one cell. An electric circuit is coupled with the first electrode and the second electrode. The circuit includes a voltage -limiting device that is configured to limit a voltage potential across the first electrode and the second electrode in response to a transition of the at least one cell from an inactive shut-down mode with respect to an active, charge/discharge mode.

No. of Pages: 18 No. of Claims: 20

(21) Application No.3647/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: AIR CONDITIONING METHOD AND SYSTEM FOR AIRCRAFT

:B64D13/08,B64D13/06 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)TURBOMECA :1260988 (32) Priority Date Address of Applicant: F-64511 Bordes Cedex France :19/11/2012 (33) Name of priority country (72)Name of Inventor: :France (86) International Application No 1)HOUSSAYE, Laurent :PCT/FR2013/052661 Filing Date :07/11/2013 (87) International Publication No :WO 2014/076391 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The invention relates to an air conditioning system for the pressurized cabin of an aircraft. The system (1) comprises an air intake module (3) that is designed to draw in ambient air external to the aircraft, an air compression module (5) that is designed to compress the drawn -in -air flow (F1), and an air cooling module (10) that is designed to cool the compressed air flow (F2 ,F3) from a cryogenic fluid, said cooling module (10) comprising a condenser (12) for condensing the water in the air flow, a water extractor (13) for extracting said water, a cooler (14) for cooling the dry air flow originating from the water extractor (13) and a tank (15) of a cryogenic fluid by means of which the water from the air flow is condensed in the condenser (12) and the dry air resulting from the extractor is cooled in the cooler (14).

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

(21) Application No.3718/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: ANGIOTENSIN IN TREATING BRAIN CONDITIONS

(51) International

:A61K31/08,A61K38/36,C07K5/00

classification

(31) Priority Document No (32) Priority Date

:61/708793 :02/10/2012

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

(86) International Application

:NA

:PCT/US2013/062969

Filing Date

:02/10/2013

(87) International Publication

:WO 2014/055591

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to Application :NA

Number Filing Date (71)Name of Applicant:

1)TARIX PHARMACEUTICALS LTD.

Address of Applicant :12 Bow Street, Cambridge

.Massachusetts 02138 U.S.A. (72) Name of Inventor:

1)FRANKLIN, Richard

(57) Abstract:

The present invention provides, among other things, methods and compositions for treating brain conditions. In some embodiments, the methods include administering to a subject suffering from or susceptible to a brain condition an angiotensin (1-7) peptide via either an intravenous or subcutaneous route of administration.

No. of Pages: 88 No. of Claims: 29

(21) Application No.3719/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: VARIABLE FAN SPEED CONTROL IN HVAC SYSTEMS AND METHODS

:F24F11/02,F04D27/00 (71)Name of Applicant : (51) International classification (31) Priority Document No :61/711938 1)TRANE INTERNATIONAL INC. (32) Priority Date :10/10/2012 Address of Applicant :One Centennial Avenue, Piscataway, (33) Name of priority country :U.S.A. NJ 08855 U.S.A. (86) International Application No :PCT/US2013/064283 (72) Name of Inventor: Filing Date :10/10/2013 1)BOEHDE, Michael ,Carl (87) International Publication No :WO 2014/059109 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Generally, a variable fan speed control in an HVAC system is described. Such methods and systems to control fan speed can in turn improve efficiency of the HVAC system by minimizing power consumption, for example of the compressor. The control scheme is based on various operating conditions of compressor load and ambient air temperature, which are used to determine an optimum fan speed.

No. of Pages: 23 No. of Claims: 21

(21) Application No.4105/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/05/2015 (43) Publication Date : 20/11/2015

:NA

(54) Title of the invention: DISPOSABLE DIAPER

:A61F13/42,A61F13/49 (71)Name of Applicant : (51) International classification 1)UNICHARM CORPORATION (31) Priority Document No :2012247936 (32) Priority Date Address of Applicant: 182 Shimobun Kinsei cho Shikokuchuo :09/11/2012 (33) Name of priority country shi Ehime 7990111 Japan :Japan (72) Name of Inventor: (86) International Application No :PCT/JP2013/080238 Filing Date :08/11/2013 1)YAMANAKA Yasuhiro (87) International Publication No :WO 2014/073636 2)SAKAGUCHI Satoru (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA

(57) Abstract:

Filing Date

With a disposable diaper (10) according to the present invention a crotch stretch part (200a) is disposed in isolation from a girth retaining part and leg elastic members (71). Non stretch regions are disposed in the fore girth region (20) side and the rear girth region (30) side of the crotch stretch part (200a) in the product longitudinal direction (L). The disposable diaper (10) comprises indicators (600) which are configured to straddle the crotch stretch part (200a) extending in the product longitudinal direction (L) and to visually change when in contact with moisture. It is possible to visually recognize said change from the non skin contact side (S1) of the disposable diaper (10).

No. of Pages: 37 No. of Claims: 7

(21) Application No.4106/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/05/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: ABSORBENT ARTICLE PACKAGING BODY

(51) International :B65D85/16,A61F13/15,A61F13/472 classification

(31) Priority Document No :2012255072 (32) Priority Date :21/11/2012

(33) Name of priority :Japan country

(86) International :PCT/JP2013/081103

Application No :19/11/2013 Filing Date

(87) International

:WO 2014/080878 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)UNICHARM CORPORATION

Address of Applicant: 182 Shimobun Kinsei cho Shikokuchuo

shi Ehime 7990111 Japan (72) Name of Inventor: 1)KASHIWAGI Masahiro

2)MU Qinyi 3)SHI Yi

4)KOYAMA Yasuhiro

(57) Abstract:

Provided is an absorbent article packaging body for storing a plurality of absorbent articles the absorbent articles capable of being taken out easily and smoothly. The absorbent article packaging body is provided with absorbent articles and a bag body for storing a plurality of the absorbent articles. The absorbent articles are stored in the bag body in a state of being stacked in the thickness direction. The bag body is configured so as to have an opening through which the absorbent articles are inserted and taken out formed therein. The opening is formed at a position that faces one of the two end parts of the absorbent articles in the longitudinal direction. The length in the widthwise direction of the opening is greater than the length in the widthwise direction of the absorbent bodies and less than the length in the widthwise direction of the packaging sheet.

No. of Pages: 20 No. of Claims: 9

(21) Application No.3623/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :28/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: METHOD AND DEVICE FOR DATA FLOW PROCESSING

(51) International

:H04L29/06,G06F13/40,H04L12/46

classification

(31) Priority Document No :13/675401

(32) Priority Date

:13/11/2012

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

:NA

(86) International Application :PCT/US2013/069572

:12/11/2013 Filing Date

(87) International Publication :WO 2014/078271

(61) Patent of Addition to :NA **Application Number**

Filing Date

:NA (62) Divisional to Application :NA Number

Filing Date

(71)Name of Applicant:

1)ADVANCED MICRO DEVICES, INC.

Address of Applicant: 1 AMD Place, Sunnyvale, California

94085 U.S.A.

(72) Name of Inventor:

1)HUMMEL, Mark

2)MAYHEW, David

3)OSBORN, Michael

(57) Abstract:

Described are a system and method for managing a data exchange in a network environment. A flowtag is assigned to a data packet at a source device 112-1). The flowtag includes a port identification corresponding to a port (Port 2) at an aggregation device (200). A destination device (112 -2) is in communication with the port at the aggregation device. The data packet is authenticated at the aggregation device. The data packet is output from the source device to the destination device via the aggregation device according to the port identification in the flowtag of the authenticated data packet.

No. of Pages: 36 No. of Claims: 31

(22) Date of filing of Application :28/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: INSTALLATION AND METHOD FOR WASTEWATER TREATMENT

:C02F3/30,C02F1/20,C02F3/12 (71)Name of Applicant : (51) International classification (31) Priority Document No :P.401650 1)GOLCZ, Andrzej (32) Priority Date Address of Applicant :ul. Robotnicza 55/10, PL -82- 300 :16/11/2012 (33) Name of priority country :Poland Elblag Poland (86) International Application No :PCT/PL2013/000144 Filing Date :12/11/2013

:NA

(87) International Publication No: WO 2014/077711 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number

(72) Name of Inventor: 1)GOLCZ, Andrzej

(57) Abstract:

Filing Date

The invention provides a method for wastewater treatment, in a flow-continuous system, and a plant for wastewater treatment, in particular for a requirement of high level reduction of biogenic nitrate compounds. The method for wastewater treatment, by means of subjecting wastewater to consecutive steps of removal of various forms of impurities included therein, as a result of which depletion of readily available and averagely available carbon occurs, and then subjecting a mixture of active sludge and wastewater to vacuum degassing in a tower (7) for vacuum degassing, consists on that the mixture of active sludge and wastewater subject to earlier nitrification, but not introduced in the recirculation- return connection (2), and constituting the outflow from a nitrification volume (3), before vacuum degassing thereof, is subject to additional denitrification within the volume (4). Preferably, to the mixture of active sludge and wastewater, free ,due to the additional denitrification step, of substantially majority of any kind of hardly available carbon carried along with wastewater, any kind of external source of readily available carbon is introduced and further deepened nitrates removal is performed within the volume (5), where thus initiated nitrates removal process, after wastewater is passed through the vacuum degassing step, continues within a gaseous nitrogen undersaturated aqueous zone of a secondary sedimentation tank (8).

No. of Pages: 27 No. of Claims: 6

(21) Application No.3626/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :28/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: A METHOD OF MANUFACTURING A CURABLE COMPOSITION

 (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 	:C09D11/101 :60/702,456 :26/07/2005 :U.S.A. :PCT/US2006/028929 :26/07/2006 :WO 2007/014236 :NA :NA	(71)Name of Applicant: 1)KNAUF INSULATION GMBH Address of Applicant :One Knauf Drive, Shelbyville, IN 46176-1496, USA U.S.A. (72)Name of Inventor: 1)SWIFT, Brian, Lee 2)XU, Ruijian 3)KISSELL, Ronald, E
(61) Patent of Addition to Application		' '

(57) Abstract:

Binders to produce or promote cohesion in non or loosely assembled matter. The binders comprise maillard reactants including amine and carbohydrate; optionally a silicon containing compoud and/or a corrosion inhibitor.

No. of Pages: 80 No. of Claims: 38

(21) Application No.3711/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: IMMUNOMODULATORY PROTEINS

(51) International :A61P37/00,A61K39/00,C07K16/00 classification

(31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country:NA

(86) International Application:PCT/GB2012/052561

:17/10/2012

Filing Date

(87) International Publication :WO 2014/060712

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to

:NA Application Number :NA Filing Date

(71)Name of Applicant:

1)LIVERPOOL SCHOOL OF TROPICAL MEDICINE Address of Applicant : Pembroke Place, Liverpool L3 5QA

U.K.

(72) Name of Inventor: 1)PLEASS ,Richard John

(57) Abstract:

A method for treatment of a mammalian subject for an autoimmune or inflammatory disease, the method comprising: administering to the mammalian subject an effective amount of a polymeric protein comprising five, six or seven polypeptide monomer units; wherein each polypeptide monomer unit comprises an Fc receptor binding portion comprising two immunoglobulin G heavy chain constant regions; wherein each immunoglobulin G heavy chain constant region comprises a cysteine residue which is linked via a disulfide bond to a cysteine residue of an immunoglobulin G heavy chain constant region of an adjacent polypeptide monomer unit; wherein the polymeric protein does not comprise a further immunomodulatory portion; or an antigen portion that causes antigen specific immunosuppression when administered to the mammalian subject.

No. of Pages: 72 No. of Claims: 15

(22) Date of filing of Application :30/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: WELDING WIRE PREHEATING SYSTEM AND METHOD

 (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 	:B23K9/10 :61/761007 :05/02/2013 :U.S.A. :PCT/US2014/014241 :31/01/2014 :WO 2014/123786 :NA	(71)Name of Applicant: 1)ILLINOIS TOOL WORKS INC. Address of Applicant: 155 Harlem Avenue, Glenview, Illinois 60025 U.S.A. (72)Name of Inventor: 1)DAVIDSON, Robert, R. 2)SCHUH, Richard, J.
		2)SCHUH ,Richard ,J.

(57) Abstract:

In a welding system, a preheating process is carried out prior to initiation of a welding arc, such as upon depression of a trigger or switch on a welding torch. The preheating process involves generation and application of desired currents and voltages to a welding electrode from a power supply (10). Preheating is continued until the welding electrode reaches a desired temperature or resistance, which may be determined by reference to an increasing voltage, a decreasing current, a peaked and declining voltage, resistance and/or power measurements, and so forth. Following preheating, a desired welding process may begin with initiation of the welding arc. The system includes a power supply (10) with power conversion circuitry (24) and control circuitry (22), a signal source (16), current and voltage monitor sensors.

No. of Pages: 21 No. of Claims: 23

(22) Date of filing of Application :30/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention : METHOD AND DEVICE FOR PROVIDING HIGH SPEED DATA TRANSMISSION WITH VIDEO DATA

(51) International :H04N21/23,H04L12/28,H04N21/236

classification (31) Priority Document No :13/656796

(32) Priority Date :22/10/2012

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

(86) International

Application No :PCT/CA2013/050795

Filing Date :21/10/2013

(87) International Publication No :WO 2014/063245

(61) Patent of Addition to Application Number Filing Date :NA

Filing Date
(62) Divisional to
Application Number
Filing Date

NA
:NA
:NA

(71)Name of Applicant:

1)ATI TECHNOLOGIES ULC

Address of Applicant :One Commerce Valley Drive East,

Markham ,Ontario L3T 7X6 Canada

(72)Name of Inventor:
1)HUNKINS ,James D.
2)CARTER ,Collis Quinn

(57) Abstract:

A method and device for operating a data link having multiple data lanes is provided. The method includes supplying first data (such as video data that follows the DisplayPort protocol) on one or more data lanes of a data interface between a video source device and a video sink device. In addition to being video stream data (such as the above mentioned DisplayPort video data) the first data can also be audio stream data (such as DisplayPort audio data) source sink interface configuration data (such as DisplayPort AUX data), and sink-related interrupt data (such as DisplayPort Hot Plug Detect HPD data). The method also includes receiving second data on one or more unidirectional data lanes of the data interface. The second data being data other than video stream data, source- sink interface configuration data and sink related interrupt data.

No. of Pages: 29 No. of Claims: 50

(22) Date of filing of Application :29/04/2015

(43) Publication Date: 20/11/2015

(54) Title of the invention: PROCESS FOR PRODUCING GOUGEROTIN EMPLOYING STREPTOMYCES MICROFLAVUS **STRAINS**

(51) International :C12P19/38.C07H19/06.A01N43/54 | PARTNERSHIP classification

(31) Priority Document No :61/712626 (32) Priority Date :11/10/2012 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2013/064537

No :11/10/2013

Filing Date

(87) International Publication :WO 2014/059275

(61) Patent of Addition to

:NA **Application Number** :NA Filing Date

(62) Divisional to Application:NA Number :NA

Filing Date

(71)Name of Applicant:

1)BAYER CROPSCIENCE LP.A DELAWARE LIMITED

Address of Applicant: 2 T.W. Alexander Drive, Research

Triangle Park ,NC 27709 U.S.A.

(72) Name of Inventor:

1) CAMPBELL, Brian 2) CURTIS, Damian

3)GUAN ,Shaohua

4) GUILHABERT - GOYA, Magalie

5)JOO ,Daniel M.

6)LU, Tara

7) MARGOLIS, Jonathan, S.

8) ROYALTY . Reed . Nathan

9)SALAZAR, Gerardo ,Bueno

10)SESIN, David

11) SMITH, Frisby , Davis

12)TAYLOR, Colleen

13)ZHU Hong

(57) Abstract:

The present invention relates to novel strains of Streptomyces microflavus and methods of their use for controlling diseases or pests of a plant. The invention also relates to a fermentation broth obtained by cultivating a gougerotin producing Streptomyces strain wherein the fermentation broth contains at least about 1 g/L gougerotin. The invention also relates to a method of producing a fermentation broth of a gougerotin producing Streptomyces strain wherein the fermentation broth contains at least about 1 g/L gougerotin, the method comprising cultivating the Streptomyces strain in a culture medium containing a digestible carbon source and a digestible nitrogen source under aerobic conditions, wherein the culture medium contains an amino acid at a concentration effective to achieve a gougerotin concentration of at least 1 g/L. The present disclosure also relates to the molecular cloning of a gougerotin biosynthetic gene cluster from Streptomyces microflavus, and identification of individual genes in the gene cluster as well as the proteins encoded thereby. A gougerotin gene cluster comprising 13 open reading frames (ORFs) is located within a genetic locus of Streptomyces microflavus.

No. of Pages: 170 No. of Claims: 80

(21) Application No.3641/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: PURIFICATION OF RECOMBINANT HUMAN GALACTOCEREBROSIDE GALACTOSIDASE (RHGALC)

(51) International classification :C07K1/16,C07K1/18,C07K1/20 (71) Name of Applicant: (31) Priority Document No :PA 2012 70699

(32) Priority Date :13/11/2012 (33) Name of priority country :Denmark

(86) International Application No:PCT/DK2013/050378

Filing Date :13/11/2013

(87) International Publication No: WO 2014/075688

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to Application

:NA Number :NA

Filing Date

1)ACE BIOSCIENCES A/S

Address of Applicant :Roskildevej 12C DK 3400 Hiller d

(72) Name of Inventor:

1)FOGH Jens

2) ANDERSSON Claes

3)HYD%N Pia

4)GULSTAD Pia Ringholm 5)LUNDELL Kerstin 6)HJERTMAN Magnus

(57) Abstract:

The present invention relates to a process for purifying recombinant human Galactocerebroside Galactosidase (rhGALC) from a cell culture wherein a fraction of said cell culture comprising rhGALC is subjected to chromatography on three distinct resins.

No. of Pages: 76 No. of Claims: 29

(21) Application No.3642/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/04/2015 (43) Publication Date : 20/11/2015

(54) Title of the invention: DISPOSABLE DIRECT CAPTURE DEVICE

(51) International classification :G01N1/10,G01N33/50,G01N33/68

(31) Priority Document No :61/759142 (32) Priority Date :31/01/2013

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

(86) International Application :PCT/US2013/074857

No Filing Date :13/12/2013

(87) International Publication

WO 2014/120344

(61) Patent of Addition to Application Number :NA :NA

(71)Name of Applicant:

1)EMD MILLIPORE CORPORATION

Address of Applicant :290 Concord Road Billerica MA 01821

U.S.A.

(72)Name of Inventor:

1)CACACE Benjamin

(57) Abstract:

The invention relates to a liquid sample preparation device such as a disposable collapsible flexible polymeric bag containing an adsorptive curtain of a functionalized shaped polymeric fiber bed for the direct capture of biomolecules from liquid samples. The functionalized shaped polymeric fiber bed includes fibrillated ridged or winged shaped fiber structures that significantly increases the surface area of the fiber resulting in enhanced separation retention and/or purification of liquid samples containing biomolecules of interest as the liquid samples contact the adsorptive curtain of functionalized shaped fibers. Liquid samples include unclarified liquid feeds or other liquids containing one or more biomolecules of interest including but not limited to vaccines recombinant proteins cells stem cells monoclonal antibodies (mAbs) proteins antibody peptides oligopeptides nucleic acids oligonucleotides RNA DNA oligosaccharides and polysaccharides.

No. of Pages: 27 No. of Claims: 13

(21) Application No.3643/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/04/2015 (43) Publication Date: 20/11/2015

(54) Title of the invention: METHOD TO PRODUCE AN INSECTICIDE CONTAINING FABRIC

(51) International :D06M13/184,A01N25/10,A01N25/22 classification

(31) Priority Document No :12195368.1 (32) Priority Date :04/12/2012

(33) Name of priority :EPO

country

(86) International :PCT/EP2013/075034

Application No :29/11/2013 Filing Date

(87) International

:WO 2014/086666 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA (71)Name of Applicant:

1)BAYER CROPSCIENCE AG

Address of Applicant : Alfred Nobel Str. 50 40789 Monheim

Germany

(72) Name of Inventor: 1)HEPPERLE Jens 2) GUIMBARD Philippe

(57) Abstract:

Filing Date

The present invention relates to an improved method to produce an insecticide containing fabric containing at least one embedded insecticidal alkaline sensitive active ingredient in the polymeric matrix. The present invention also relates to methods to prolong the lifetime (including storage and use) of alkaline sensitive insecticide containing fabrics.

No. of Pages: 24 No. of Claims: 13

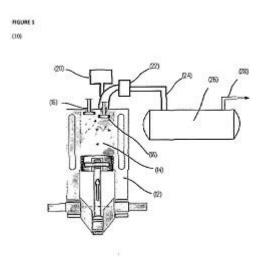
(22) Date of filing of Application :10/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: AN EXHAUST ENTRAPMENT SYSTEM FOR INTERNAL COMBUSTION ENGINE

 (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 	:F02M67/04, F02B75/02 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)JAVID RASUL SAYYED Address of Applicant:FLAT NO. 104, F-3/WING-1, JAI GANESH SAMRAJYA, PANJARPOL, BHOSARI, PUNE-411039, MAHARASHTRA, INDIA. Maharashtra India (72)Name of Inventor: 1)JAVID RASUL SAYYED
(87) International Publication No (61) Patent of Addition to Application Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to an internal combustion (IC) engines and more particularly, to an exhaust entrapment system for such engines wherein the exhaust gases are compressed by the IC engine itself and is used in other systems where compressed air is required wherein an exhaust gas entrapment system wherein the exhaust gases are collected in a closed container. The exhausts is collected in the container until the container gets pressurized and then these pressurized gases is being used into the systems wherein compressed air is used viz. for vehicle braking and suspension systems and other applications. When the exhaust gases are getting collected into the collection chamber, during this process pressure starts getting built-up in the exhaust pipeline. This built-up of pressure is called as back-pressure. In the present engines the manufacturers try to keep the back-pressure as low as possible, generally the value is of the order of about 0.5 bars. In the system present invention the back-pressure goes up to the level of about 8 bars to about 9 bars. Hence to avoid any detrimental effect on the engine one more system is included along with the exhaust collection container and is called as reliever. In this reliever system there is a non-return valve and a mechanically controlled bypass value. This system thus put the exhaust gases with pressure into the collection chamber through the non-return valve for maximum length of the exhaust stroke, and just before the exhaust stroke reaches completion, the reliever releases the pressure to atmospheric pressure by exhausting the balance exhaust gases. Thus, the invention here takes care of maintaining minimum back pressure and compressing the exhaust gases to usable pressure limits along with containment of all the solid particle emissions into the collection chamber. The collection chamber has necessary arrangements to clean-up all the solid particles getting collected and also have a filtration system for the compressed gas which will be used further in other pneumatic systems.



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

(21) Application No.1405/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :18/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: A process for the preparation of intermediate of Nadifloxacin

(51) International classification	:A61K9/00, A61K31/00	(71)Name of Applicant: 1)WOCKHARDT LIMITED
(31) Priority Document No	:NA	Address of Applicant :D-4, MIDC Area, Chikalthana,
(32) Priority Date	:NA	Aurangabad Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:PCT//	1)Bhise, Umesh Nanasaheb
Filing Date	:01/01/1900	2)Raut, Vivek Thakaram
(87) International Publication No	: NA	3)Rao, Bhatraju Srinivasa
(61) Patent of Addition to Application Number	:NA	4)Deo,Keshav
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11		I .

(57) Abstract:

The present invention relates to a process for the preparation of intermediate of Nadifloxacin of Formula II: Formula II or a pharmaceutically acceptable salt thereof and its conversion to Nadifloxacin or its pharmaceutically acceptable salt.

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

(21) Application No.1407/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :18/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: PHARMACEUTICAL COMPOSITIONS COMPRISING ANTIBACTERIAL AGENTS

	A C1170/00	
		(71)Name of Applicant :
(51) International classification	A61K31/00,	1)WOCKHARDT LIMITED
(51) international classification	A61K31/18,	Address of Applicant :D-4, MIDC Area, Chikalthana,
	A61K3	Aurangabad Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor:
(32) Priority Date	:NA	1)Bhagwat,Sachin
(33) Name of priority country	:NA	2)Palwe, Snehal Rameshwar
(86) International Application No	:PCT//	3)Joshi, Prashant Ratnakar
Filing Date	:01/01/1900	4)Khande, Hemant Narendra
(87) International Publication No	: NA	5)Umarkar, Kushal
(61) Patent of Addition to Application Number	:NA	6)Patel,Mahesh Vithalbhai
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		L

(57) Abstract:

Pharmaceutical compositions comprising aztreonam or a pharmaceutically acceptable derivative, and a compound of Formula (I) or a stereoisomer or a pharmaceutically acceptable derivative thereof are disclosed.

No. of Pages: 27 No. of Claims: 11

(21) Application No.1408/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :18/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: PHARMACEUTICAL COMPOSITIONS COMPRISING ANTIBACTERIAL AGENTS

(51) International classification	:A61K9/00, A61K31/00, A61K31/18, A61K3	1 / 1
(31) Priority Document No	:NA	(72)Name of Inventor:
(32) Priority Date	:NA	1)Bhagwat,Sachin
(33) Name of priority country	:NA	2)Patel,Mahesh Vithalbhai
(86) International Application No	:PCT//	
Filing Date	:01/01/1900	
(87) 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:

Pharmaceutical compositions comprising ceftolozane or a pharmaceutically acceptable derivative, and a compound of Formula (I) or a stereoisomer or a pharmaceutically acceptable derivative thereof are disclosed.

No. of Pages: 27 No. of Claims: 13

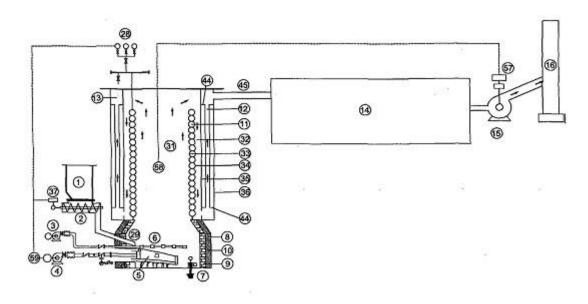
(22) Date of filing of Application :15/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention : SOLID FUEL FIRED SMALL INDUSTRIAL BOILER AND IBR EXEMPTED BOILER AND SYSTEMS THEREOF

(51) International classification	:F23C1/00, F23C3/00	(71)Name of Applicant: 1)TRANSPARENT ENERGY SYSTEMS PRIVATE
(31) Priority Document No	:NA	LIMITED
(32) Priority Date	:NA	Address of Applicant :PUSHPA HEIGHTS, 1ST FLOOR,
(33) Name of priority country	:NA	BIBWEWADI CORNER, PUNE-SATARA ROAD, PUNE-411
(86) International Application No	:NA	037, MAHARASHTRA, INDIA Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)ATRE, ASHOK DATTATRAYA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Accordingly the invention provides solid fuel fired small industrial boiler and IBR exempted boiler and systems thereof comprises an outer body formed by a pair of co-axial cylindrical jacket bodies (35,36) to form jacketed body with tubesheets (44) connected at upper and lower end of the jacket such that the annular space of which has number of vertical smoke tubes (12) running parallel to each other and mounted distant radially connecting the said tubes sheets; A furnace, with primary air and secondary air supply means, at bottom, provided with water cooled oscillating grate. An evaporator coil (11), made of coiled tube, formed in cylindrical shape mounted coaxially above the said furnace in such a way that the flue gas exhaust through the said smoke tube (12) having path to heat inner(33) and outer surface(34) of said evaporator coil/coils and inner jacket wall. A flue gas cleaning system (14) provided between the said smoke tube outlet and exhaust chimney (16). A first outlet from de-aerator tank (17) connected through pump (50) to inlet of oscillating grate (5) to supply cooling water; the jacketed body annular space having inlet to receive heated water from the grate and having an outlet connected to the said de-aerator tank; heat recovery heat exchanger (62) to recover heat of flash steam from the said deaerator and another heat recovery heat exchanger (60) to recover heat from blowdown water by heating make up water, a mixer (61) to mix heated make-up water in to the hot water through outlet (41) which flows in to deaerator (17); a second out let from the said deaerator tank(17) connected the inlet of said evaporator coil through a feed pump (21). An outlet of evaporator coil connected to inlet of flash tank (18) through the water pressure transmitter (28) and an out let provided to the said flash tank to take out steam.



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

(21) Application No.1446/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :23/04/2014 (43) Publication Date : 20/11/2015

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

		(71)Name of Applicant:
(51) International classification	A61K31/00,	,
	A61K31/18	Address of Applicant :GLENMARK GENERICS LTD
(31) Priority Document No	:NA	GLENMARK HOUSE, HDO - CORPORATE BLDG, WING-A,
(32) Priority Date	:NA	B.D.SAWANT MARG, CHAKALA, ANDHERI (EAST),
(33) Name of priority country	:NA	MUMBAI - 400 099 INDIA Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SHEKHAR BHASKAR BHIRUD
(87) International Publication No	: NA	2)SAMIR NAIK
(61) Patent of Addition to Application Number	:NA	3)NAVIN GANESH BHATT
Filing Date	:NA	4)SUSHANTA MISHRA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a novel process for the preparation of sofosbuvir and intermediates thereof.

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

(22) Date of filing of Application :23/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: A SLEEPING ARRANGEMENT WITHIN A VEHICLE

(51) International classification (31) Priority Document No (32) Priority Date	:B60N2/04 :NA :NA	(71)Name of Applicant: 1)MAHINDRA AND MAHINDRA LIMITED Address of Applicant: Automotive & Farm Equipment Sector,
(33) Name of priority country(86) International Application No	:NA :PCT//	Mahindra Tower, Dr. G.M. Bhosale Marg, Worli, Mumbai. Maharashtra, India Maharashtra India
Filing Date (87) International Publication No	:01/01/1900 : NA	(72)Name of Inventor: 1)PALIKUNDWAR SACHIN SANJAY
(61) Patent of Addition to Application Number	:NA :NA	2)CHUNDURU UDAY SRINIVAS
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A resting arrangement within a vehicle comprises a primary support structure. The primary support structure comprises a seat portion and a back support. The back support is functionally coupled with the seat portion such that a reclining angle in the range of 1020 to 1080 is formed between the seat portion and the back support. The resting arrangement further comprises an auxiliary support structure functionally coupled to a dashboard of the vehicle and is pivotable with respect to the dashboard. In an operative configuration, the auxiliary support structure is configured to be aligned with the seat portion, thereby forming a support structure for resting. Fig.3

No. of Pages: 18 No. of Claims: 6

(22) Date of filing of Application :23/04/2014

(43) Publication Date: 20/11/2015

(54) Title of the invention : COMPOSITES OF SINTERED MULLITE REINFORCED CORUNDUM GRANULES AND METHODS FOR THEIR PREPARATION

	:A61K9/00,	(71)Name of Applicant:
(51) International classification	A61K31/00,	1)ASHAPURA MINECHEM LTD.
	A61F 2/46,	Address of Applicant :Innovation & Knowledge Centre, Plot
(31) Priority Document No	:NA	30 Sector 26, Parsik Hill, CBD Belapur, Navi Mumbai - 400 614
(32) Priority Date	:NA	Maharashtra, India Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:PCT//	1)SHAH CHETAN NAVNITLAL
Filing Date	:01/01/1900	2)SHAH MANAN CHETAN
(87) International Publication No	: NA	3)CHATTERJEE AMIT
(61) Patent of Addition to Application Number	:NA	4)TILAK ANURAG
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present disclosure relates to a composite of sintered mullite reinforced corundum granules and method for its preparation. The composite comprises mullite and corundum interlocking microstructure. The process for preparing the composite involves the steps of admixing of raw material followed by sintering to obtain the composite comprising sintered mullite reinforced corundum granules.

No. of Pages: 16 No. of Claims: 6

(22) Date of filing of Application :16/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: A COVERING ASSEMBLY TO COVER KEY WAY SLOT OF THE PADLOCK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B63B25/00, B61D45/00, :NA :NA :NA :NA	(71)Name of Applicant: 1)GODREJ & BOYCE MFG. CO. LTD. Address of Applicant:LOCKS DIVISION (PLANT-18) PIROJSHANAGR, VIKHROLI, MUMBAI - 400 079 MAHARASHTRA, INDIA Maharashtra India (72)Name of Inventor: 1)THOTTUVAI SIVASUBRAMANI MURALI
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA : NA : NA : NA : NA : NA	1)THOTTUVALSIVASUBRAMANI MURALI

(57) Abstract:

Disclosed is a covering assembly to cover key way slot (S) of padlock (PL), the padlock (PL) having a front portion (FP) with the key way slot (S) and a back portion (BP), the covering assembly comprising: a cover (1) being fixed on the front portion (FP) of the padlock (PL), the cover (1) having depression (D), the depression (D) comprises first groove (lb), second groove (1c) and a slot (1f), the second groove (1c) consists of first slot (1a) and second slot (1d), the first groove (lb) defines path for key insertion into the key way slot (S); a sliding cap (2) having projection (2a) and dome (2b); a plug (3) to be accommodated into the second groove (lc) of the depression (D), the plug (3) comprises top portion (3a), first projection (3b) and second projection (3c); a spring (4) being placed below the plug (3); wherein in covering state the sliding cap (2) get accommodated in the first groove (lb) of the depression (D) and the plug (3) get accommodated in the second groove (lc) of the depression (D); wherein in uncovered state the user has to press the plug (3) so that the plug (3) goes inside the second slot (1d) due to spring action (4) and the sliding cap (2) slides back through the slot (1f) of the depression (D) to get accommodated over the plug (3) to open the key way slot (S) for key insertion.

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

(21) Application No.1379/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :16/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: TEST HIGHER ICOMPETE

(51) International classification	:G06F	(71)Name of Applicant:
	17/24	1)DIVYANAND GUPTA
(31) Priority Document No	:NA	Address of Applicant :37 ECO GREEN PARK, AYODHYA
(32) Priority Date	:NA	BY PASS ROAD, KOLUA MODE, BHOPAL, Madhya Pradesh
(33) Name of priority country	:NA	India
(86) International Application No	:PCT//	(72)Name of Inventor:
Filing Date	:01/01/1900	1)DIVYANAND GUPTA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(57) Abstract:

In various implementations, systems and processes may be utilized to manage educational testing. Testing may be received and/or compiled from one or more publishers. One or more practice tests may be generated based on the received testing and/or portions thereof. The practice test(s) may be presented to users. The results of the practice test(s) may be generated and/or analyzed.

No. of Pages: 137 No. of Claims: 3

(22) Date of filing of Application :25/04/2014

(43) Publication Date: 20/11/2015

(54) Title of the invention: A WATER COOLING SYSTEM FOR TWO WHEELERS USING ENGINE EXHAUST HEAT

(51) International classification	:B62J33/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DR. HARISH UMASHANKAR TIWARI
(32) Priority Date	:NA	Address of Applicant :PIMPRI CHINCHWAD COLLEGE OF
(33) Name of priority country	:NA	ENGINEERING, SECTOR-26, PRADHIKARAN NIGDI, PUNE-
(86) International Application No	:NA	411044, MAHARASHTRA STATE. Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DR. HARISH UMASHANKAR TIWARI
(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 cooling of water on a two wheeler using engine exhaust heat, said system comprising: input means adapted to receive exhaust gas from said input means, said receiving being controlled by a first valve, said adsorber being a shell and tube heat exchanger such that said exhaust gas passes through said tubes and refrigerant adapted to be compressed in said shell of said heat exchanger, wherein, adsorbing material of said adsorber is heated upon receipt of said exhaust gas thereby making refrigerant to come out of said adsorbing material; air cooled condenser coil(evaporator cum condenser coil) placed in series with said adsorber; the condenser coil is a double tube heat exchanger coil which act as a condenser as well as an evaporator; the refrigerant is cooled and becomes liquid in the condenser coil: the said condenser cum evaporator coil is connected to the adsorber through a control valve; said control valve allows the flow of refrigerant to condenser coil in heating mode; the said control valve is opened after some time and allows flow of refrigerant back to adsorber; the said flow back of refrigerant to condenser coil produces refrigeration; during said refrigeration water is flown throw inner tube for cooling; the said water can be used as cold water for drinking purpose.

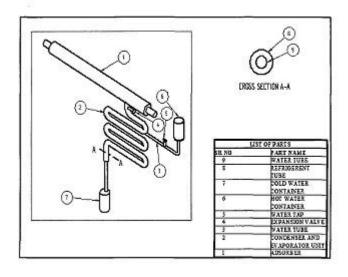


FIGURE 1

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

(21) Application No.1370/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :16/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: CONTAINER-APPLICATOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:B01J 19/18 :NA :NA :NA	(71)Name of Applicant: 1)ESSEL PROPACK LIMITED Address of Applicant: 10th Floor, Times Tower, Kamala City, Senapati Bapat Marg, Lower Parel, Mumbai Maharashtra 400013 Maharashtra India (72)Name of Inventor:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:01/01/1900 : NA :NA	1)BANERJEE, Mrinal Kanti
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A container-applicator (100) for application of an application material on a surface is described herein. The container-applicator (100) comprises of a reservoir (102) to store and supply an application material and an applicator assembly (104) coupled to the reservoir (102). The applicator assembly (104) comprises of an intermediate holder (108) coupled to the reservoir (102) and an applicator head (106) coupled to the intermediate holder (108). The applicator head (106) comprises of an orifice (304) on the top end of the applicator head (106). A non-linear channel (114) connects the orifice (304) to the reservoir (102) to allow flow of the application material from the reservoir (102) to an exterior surface (300). Multiple bristles (302) are provided on the exterior surface (300) on the top end of the applicator head (106) to allow application of the application material on the surface.

No. of Pages: 22 No. of Claims: 14

(21) Application No.1371/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :16/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: ORAL PHARMACEUTICAL COMPOSITIONS OF SOFOSBUVIR

(51) International classification	:A61K31/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)CADILA HEALTHCARE LIMITED
(32) Priority Date	:NA	Address of Applicant :ZYDUS TOWER, SATELLITE
(33) Name of priority country	:NA	CROSS ROADS, AHMEDABAD 380015 GUJARAT, INDIA
(86) International Application No	:NA	Gujarat India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)KULKARNI SUSHRUT KRISHNAJI
(61) Patent of Addition to Application Number	:NA	2)MEHTA PAVAK RAJNIKANT
Filing Date	:NA	3)KAPOOR RITESH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to oral pharmaceutical compositions of Sofosbuvir comprising more than 35% of Sofosbuvir or salts thereof and one or more pharmaceutically acceptable excipients, and process for preparing oral pharmaceutical compositions of Sofosbuvir or salts thereof.

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

(21) Application No.1372/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :16/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: PHARMACEUTICAL COMPOSITION COMPRISING BENDAMUSTINE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A61K31/00 :NA :NA :NA	(71)Name of Applicant: 1)GLENMARK PHARMACEUTICALS LIMITED Address of Applicant: Glenmark House, HDO Crporate Bldg, Wing A, B. D. Sawant Marg, Chakala, Andheri (East), MUMBAI
(86) International Application No Filing Date (87) International Publication No	:PCT//	400099 Maharashtra India (72)Name of Inventor: 1)DHUPPAD, Ulhas
(61) Patent of Addition to Application Number Filing Date	:NA :NA :NA	2)PATIL, Dattatray
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a pre-lyophilized composition comprising bendamustine or its pharmaceutically acceptable salt, a pharmaceutically acceptable carrier, an organic solvent and water. Furthermore, the present invention provides a stable pharmaceutical composition comprising bendamustine hydrochloride prepared from such pre-lyophilized composition, a process for preparing such composition; and its use in the treatment of cancer.

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

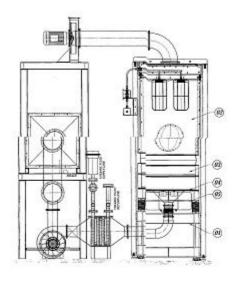
(22) Date of filing of Application :25/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: VIBRATORY DRYER DESIGN FOR DRYING PELLETS, GRANULES, AND BEADS

(51) International classification	:F26B17/14	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MR. RAJKUMAR BUDHRAJA
(32) Priority Date	:NA	Address of Applicant :2B/34 WINDMERE BLDG., NEW
(33) Name of priority country	:NA	LINK ROAD, NEAR OSHIWARA POLICE STATION,
(86) International Application No	:NA	ANDHERI WEST, MUMBAI-400053 Maharashtra India
Filing Date	:NA	2)MR. UMANG BUDHRAJA
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)MR. RAJKUMAR BUDHRAJA
Filing Date	:NA	2)MR. UMANG BUDHRAJA
(62) Divisional to Application Number	:NA	,
Filing Date	:NA	

(57) Abstract:

A vibratory dryer design for drying pellets, granules and/or beads comprising plenum chamber connected to said hot and cold air blower, a drying chamber disposed above said plenum chamber, said drying chamber having a feed end and a discharge end. perforated sheet separating said plenum chamber and said drying chamber, feed chamber disposed adjacent to the feeding end of said drying chamber for feeding pellets, beads or granules, discharge chamber for collecting dried pellets, beads, granules. The present invention of vibratory dryer comprises mainly three parts: Top stationary chamber, vibratory body and bottom stationary chamber. The vibratory dryer of present invention provides vibration at middle body wherein the top & bottom chambers are remain stationary.



VIBRATORY DRIER

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

(22) Date of filing of Application :25/04/2014

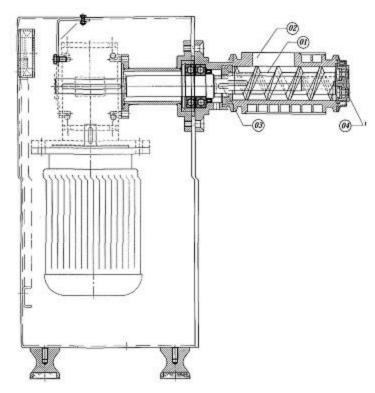
(43) Publication Date: 20/11/2015

(54) Title of the invention: A HOLLOW EXTRUDING DIE FOR EXTRUDING A HOLLOW EXTRUDES

 (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 	:B21C35/04, B21C25/00 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)MR. RAJKUMAR BUDHRAJA Address of Applicant: 2B/34 WINDMERE BLDG., NEW LINK ROAD, NEAR OSHIWARA POLICE STATION, ANDHERI WEST, MUMBAI-400053 Maharashtra India 2)MR. UMANG BUDHRAJA (72)Name of Inventor: 1)MR. RAJKUMAR BUDHRAJA
•		
(61) Patent of Addition to Application Number	:NA	2)MR. UMANG BUDHRAJA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A hollow extruder die for extruding extrudes to form hollow sections having cylindrical, circular cylindrical, tubular or pipe configuration. This invention is to provide extruder comprising a first tubular body having an edge projecting radially outwards at the end to be connected to the compression cylinder of the hollow extruder die machine, a second tubular body having a radial flange extending outwards at one end, a cylindrical body inside and coaxial of the second tubular body, a number of angularly spaced rigid radial rod-like elements firmly securing the cylindrical body to the second tubular body, and a tooth secured to the cylindrical body and projecting radially from its surface and extending to the inner surface of the circular aperture in the first tubular body. The present extruder provides extrudes which is protected from cracks and has an extended useful life, without entailing structural changes which adversely affect the precision required in the dimensions of the extruded hollow section.



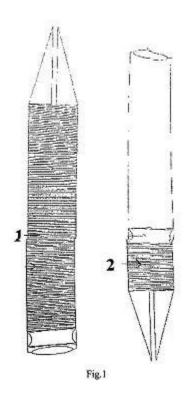
No. of Pages: 6 No. of Claims: 6

(22) Date of filing of Application :08/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: PERPETUAL MOTION GRAVITY & BUOYANCY ENGINE

(57) Abstract:

The invention consists with pair of wheels, shafts, 2n number of capsules with/without airbag, belt, shaft less dumbbell shape piston with/without valve, flywheel, flexible pipes, wherein the two wheels are provided on two shaft with particular distance and these two wheels are connected with belt, wherein the flywheel is connected with upper side shaft with sum manner in weight & size. This flywheel is store energy and also reduces energy there over motion of the engine is concentrate., and flywheel is further connected with the generator. The shaft less dumbbell shape piston is provided inside the cylindrical shape capsules which can move up and down by gravitational force with the valve. The gearbox or generator is provided between these two wheels. The 2n numbers of capsules are open and other end is connected with the second cylindrical shape capsule through flexible pipes.



No. of Pages: 22 No. of Claims: 9

(21) Application No.1383/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :16/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: FAST STROKING SOLENOID ACTUATOR

(51) International classification	:H01F7/122, H01F7/00	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :L & T House, Ballard Estate, P.O. Box
(32) Priority Date	:NA	278, Mumbai 400 001, State of Maharashtra, India Maharashtra
(33) Name of priority country	:NA	India
(86) International Application No	:PCT//	(72)Name of Inventor:
Filing Date	:01/01/1900	1)SAIKIA, Manisha
(87) International Publication No	: NA	2)OCHANI, Deepak, M
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1		•

(57) Abstract:

The present invention provides a solenoid actuator for an electrical switching device. The actuator comprises: a moving plunger; a solenoid assembly comprises a coil bracket, a magnetic coil, a magnetic core, a tripper, a spring. The moving plunger assembled in the solenoid assembly facilitating tripping in the electrical switching device during electrical fault condition(s), therefore providing protection to the electrical switching device. The present invention provides a rapid movement of the plunger ensures tripping at the moment of fault occurrence.

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

(22) Date of filing of Application :25/04/2014

(43) Publication Date: 20/11/2015

(54) Title of the invention : A Method of Culturing Clinical Grade Human Mesenchymal Stem Cells (WJ-MSC) using Human Serum Recovered from Human Plasma

	A C117	
(51) International classification	:A61K 35/26	(71)Name of Applicant:
(31) Priority Document No	:NA	1)OCT Therapies and Research Private Limited Address of Applicant :3, Nimbkar, Malabar Hill Road,
(32) Priority Date	:NA	Mulund Colony, Mulund (West), Mumbai 400082, Maharashtra,
(33) Name of priority country	:NA	India. Maharashtra India
(86) International Application No	:PCT//	(72)Name of Inventor:
Filing Date	:01/01/1900	1)MATHEN, Caroline Evette
(87) 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:

Abstract: The invention disclosed herein is a method of separation of human serum from human fresh frozen plasma (FFP). The invention also discloses a method of culturing and cryopreserving clinical grade Human Mesenchymal Stem Cells using human serum recovered from human fresh frozen plasma (FFP), under xeno-free conditions, useful for therapeutic purposes in regenerative medicine.

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

(22) Date of filing of Application :25/04/2014

(43) Publication Date: 20/11/2015

(54) Title of the invention: A Model Driven Computational Platform for Integrated Design of Products, Materials and Manufacturing Processes

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:G06F9/44, G06F9/45 :NA :NA :NA	(71)Name of Applicant: 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant: Nirmal Building, 9th Floor, Nariman Point, Mumbai 400 021.Maharashtra, India Maharashtra India (72)Name of Inventor: 1)DAS Proganiit
Filing Date	:01/01/1900	-/, g ,
(87) International Publication No(61) Patent of Addition to Application Number	: NA :NA	3)SHAH, Sapankumar Hiteshchandra 4)REDDY, Sreedhar S
Filing Date (62) Divisional to Application Number	:NA :NA	5)BASAVARSU, Gautham Purushottham 6)SINGH, Amarendra Kumar
Filing Date	:NA	

(57) Abstract:

The method(s) and system(s) for implementing extensibility of computational design and modelling of subject area on a computational platform in respect of a new subject in a subject area through a modelling schema includes populating the new subject in the model repository as data elements corresponding to the domain entity model of the domain entity meta model. The method includes generating a subject integration layer and a subject information interaction layer from the populated subject data elements and generating GUI screens for user interactions from the populated subject data elements. The method, further, includes integrating user determined external simulation tools with the computational platform by mapping the user determined external simulation tool parameters to the subject data elements. Subsequently, the method includes generating simulation tool adapters from said mapping to achieve said integration. Fig.5

No. of Pages: 32 No. of Claims: 22

(22) Date of filing of Application :31/03/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention : A CATALYST COMPOSITE FOR THE REDUCTION OF OLEFINS IN THE FCC NAPHTHA STREAM

:B01J37/02,	(71)Name of Applicant:
B01J37/04,	1)HINDUSTAN PETROLEUM CORPORATION
C10G63/00	LIMITED
:NA	Address of Applicant :Petroleum House • , 17, Jamshedji Tata
:NA	Road, Mumbai 400 020, Maharashtra, India Maharashtra India
:NA	(72)Name of Inventor:
:NA	1)RAVISHANKAR RAMAN
:NA	2)MEHLA SUNIL
: NA	3)PEDDY VENKATA CHALAPATHI RAO
:NA	4)NETTEM VENKATESWARLU CHOUDARY
:NA	5)GANDHAM SRIGANESH
:NA	
:NA	
	B01J37/04, C10G63/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA

(57) Abstract:

The present disclosure relates to a catalyst composition comprising i. at least one rare earth metal, ii. at least one zeolite, and iii. at least one diluent, wherein, said rare earth metal is impregnated in at least one of the (b) and (c); the ratio of said zeolite to said diluent ranges from 1:9 to 9:1; and the amount of said rare earth metal is in the range of 0.1 to 20 w/w%. The present disclosure also relates to a process for preparing a catalyst composition. Further, the present disclosure relates to a process for reducing olefin content in a hydrocarbon stream using the catalyst of the present disclosure.

No. of Pages: 22 No. of Claims: 18

(22) Date of filing of Application :31/03/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention : CATALYST COMPOSITION FOR CONVERTING LIGHT NAPHTHA TO AROMATIC COMPOUNDS AND A PROCESS THEREOF

(51) International classification	:C10G	(71)Name of Applicant:
(31) International classification	35/00	1)Hindustan Petroleum Corporation Ltd.
(31) Priority Document No	:NA	Address of Applicant :Petroleum House • , 17 Jamsheji Tata
(32) Priority Date	:NA	Road, Mumbai 400 020, Maharashtra, India Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)RAVISHANKAR, Raman
Filing Date	:NA	2)VENKATACHALAPATHI RAO, Peddy
(87) International Publication No	: NA	3)VENKATESWARLU CHOUDARY, Nettem
(61) Patent of Addition to Application Number	:NA	4)SHANBHAG, Ganapati V.
Filing Date	:NA	5)JANARDHAN, Hodala Lakshminarayan
(62) Divisional to Application Number	:NA	6)HALGERI, Anand. B
Filing Date	:NA	7)GANDHAM, Sriganesh

(57) Abstract:

Accordingly, the present invention provides a catalyst composition suitable for converting light naphtha comprising one or more of C5 to C8 carbon atoms to aromatic compounds ranging from C6 to C10 carbon atoms, said catalyst composition comprising: (a) a medium pore size zeolite; (b) 0.1 to 5.0 wt% of zinc; and (c) 0.1 to 5 wt% of gallium. Also, the present invention provides a process for converting light naphtha comprising one or more of C5 to C8 carbon atoms to aromatic compounds ranging from C6 to C10 carbon atoms, said process comprising the step of contacting a feedstock comprising the light naphtha with a catalyst composition comprising (a) a medium pore size zeolite; (b) 0.1 to 5.0 wt% of zinc; and (c) 0.1 to 5 wt% of gallium in presence of carrier gas at temperatures ranging from 400o to 600oC.

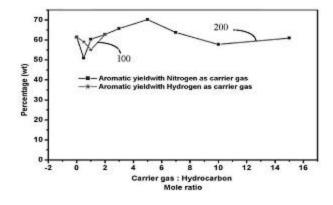


FIGURE 1

No. of Pages: 27 No. of Claims: 19

(21) Application No.1314/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :30/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention : APPARATUS AND METHOD FOR QUANTITATIVE DETERMINATION OF PHYSICOCHEMICAL PROPERTIES OF CHEMICAL SUBSTANCES

(51) International classification	·C07D311/22	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SINGH, Man
(32) Priority Date	:NA	Address of Applicant :School of Chemical Sciences, Central
(33) Name of priority country	:NA	University of Gujarat, Sector 30, Gandhi Nagar, Gujarat - 382
(86) International Application No	:NA	030, India Gujarat India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SINGH, Man
(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 instrument and method for quantitatively determining physicochemical properties of chemical substances such as viscosity, surface tension, interfacial tension, wetting coefficient, contact angle and friccohesity for a given chemical substance. Further the instrument is capable of determining these properties under the influence external forces such as electrical, thermal or magnetic fields.

No. of Pages: 40 No. of Claims: 19

(22) Date of filing of Application :28/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: AN IMPROVED PROCESS FOR CONTINUOUS PRODUCTION OF G-SALT

	·A61K9/00	(71)Name of Applicant:
(51) International classification	A61K31/00,	1)MR. SHREY BANSI PATEL
	A61K31/18	Address of Applicant :11, AKSHARBAUG SOCIETY,
(31) Priority Document No	:NA	BEHIND OLD ARADHNA SCHOOL, MANINAGAR,
(32) Priority Date	:NA	AHMEDABAD-380008, GUJARAT, INDIA Gujarat India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)MR. SHREY BANSI PATEL
Filing Date	:NA	
(87) 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 improved process for continuous production of G-salt by continuous flow-type microwave reactor is disclosed. A homogenous mixture of 2-Naphthol powder and sulphuric acid in stoichiometric ratio of 1:2 is passed through a microwave compatible glass conduit to a continuous flow-type 500 Watts to 900 Watts, 2,450 MHz microwave reactor and reacted at 0.5 to 3 atmospheric pressure for 30 seconds to 3 minutes. The product mixture is washed out using water and then the washed product mixture is filtered out to arrive at 91% to 98% G-salt wet cake. The present invention provides for a cleaner and greener process which eliminates the use of hazardous by-products.

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

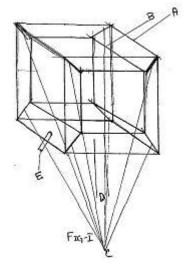
(22) Date of filing of Application :10/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: PACKING FOR HOLDING TEMPERATURE.

 (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 	:F16K41/02, F16J15/16 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)SABYASACHI BHATTACHARYA Address of Applicant: UMA SHIV CORNER, FLAT NO. 904, SECTOR 19, PLOT NO.22-22A, KAMOTHE, NAVI MUMBAI- 410 209, MAHARASHTRA, INDIA. Maharashtra India (72)Name of Inventor: 1)SABYASACHI BHATTACHARYA
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(57) Abstract:

The packing is useful for holding temperature for long. The device is made of two boxes one inside the other but not touching the wall of each other and color of bigger box is silver white/white outside and wall of inner box is white in color inside. The time of hold depends upon the material used for boxes and temperature of the packed material (hot or cold). Material below absolute zero will have the best result.



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

(21) Application No.1414/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :19/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: DOSING SYSTEM WITH ACCURATE WEIGHT

(51) T	D 65D1/04	
(51) International classification	:B65B1/34	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Dhirendra Himatlal Mahidadia
(32) Priority Date	:NA	Address of Applicant : A-23, Sharathi Tenements, Nr.
(33) Name of priority country	:NA	Partheshwar Temple, Geban-Shah Pir, Isanpur, Ahmedabad:
(86) International Application No	:PCT// /	382443 GUJARAT, INDIA Gujarat India
Filing Date	:01/01/1900	(72)Name of Inventor:
(87) International Publication No	: NA	1)Dhirendra Himatlal Mahidadia
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

DOSING SYSTEM WITH ACCURATE WEIGHT is worked on weight base system, wherein the speed and direction of the conveyor screw fitted in servo- stepper motor is controlled by PLC circuit. In the present invention dosing system fist dose is defined manually on PLC circuit and then raw material is feed into the discharge blow earlier through course feeding and later on through fine feeding in the control manner. At the stage of accurate weight dosing material is feed in discharge bowl and load cell is online calibrating the weight accurately and send the single through the PLC controller to stop the servo stepper motor. Now pneumatic cylinder lifts or rotates the discharge bowl & discharge bowl rotates on axes which are fixed to hinge bracket and accurately weighed dose will be poured to further process to discharge chute will be ready for further operation.

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

(22) Date of filing of Application :29/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention : Method for in vitro qualitative and quantitative detection of calcium oxalate inhibitory activity of plant extracts

		(71)Name of Applicant:
(51) International classification	:C07D311/22	1)Dr. Anita Surendra Patil
(31) Priority Document No	:NA	Address of Applicant :Dept. of Biotechnology, Sant
(32) Priority Date	:NA	Gadgebaba Amravati University, Amravati. 444602 Maharashtra
(33) Name of priority country	:NA	India
(86) International Application No	:PCT//	2)Hariprasad Madhukarrao Paikrao
Filing Date	:01/01/1900	3)Ankit Subhash Kale
(87) International Publication No	: NA	4)Dr. Surendra Rajaram Patil
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Dr. Anita Surendra Patil
(62) Divisional to Application Number	:NA	2)Hariprasad Madhukarrao Paikrao
Filing Date	:NA	3)Ankit Subhash Kale
		4)Dr. Surendra Rajaram Patil

(57) Abstract:

ABSTRACT Kidney stone is one of the most common disorders seen in people. The stone may be of calcium, cystine, uric acid and struvite type. However, the most common types of crystals are of calcium, occurs around 75%. The stone grows faster if treatment is not available and as the medicinal plants used for treatment of kidney stone having none of the side effects and easily absorbable. So the present invention provides a method for antilithitic herbal drug development. Accordingly, present invention Agar gel overlay method is used for detection of antilithiatic capability of medicinal plant extracts. In this method inhibition of formation of Calcium oxalate crystals can be observed on a glass plate layered by 0.8% bacteriological agar. The method is also able to produce MIC (Minimum Inhibitory Concentration) of plant extracts. This MIC is used to design the Minimal dose or lethal dose or LD50. By using this method more than one plant extracts possessing antilithiatic activity can be compare on a single plate. Following invention is described in detail with the help of Figure 3 of sheet 2 which shows test glass plates showing calcium oxalate complex.

No. of Pages: 17 No. of Claims: 9

(21) Application No.1503/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :30/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: PROCESS TO PRODUCING HIGH LOADED SULPHUR GRANULAR FERTILIZER

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A61K31/00 :NA :NA :NA	(71)Name of Applicant: 1)MR. RAJESH V LUNAGARIYA Address of Applicant: PLOT NO 5165, 5166, & 5151, GIDC, ANKLESHWAR-PINCODE-393002 GUJARAT, INDIA. Gujarat
(86) International Application No Filing Date	:NA :NA	India (72)Name of Inventor :
(87) International Publication No(61) Patent of Addition to Application Number Filing Date	: NA :NA :NA	1)MR. RAJESH V LUNAGARIYA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention covers micronized granular fertilizer comprising Elemental Sulphur active ingredient together with other fertilizing additives. This micronized granular fertilizer contains 30-94% of elemental sulphur, 30-2% of Wetting agent, 7-1.5% of suspending agent, 30-2% of dispersing agent, 3 -0.5% of Biocide

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

(21) Application No.1254/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :02/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: STABLE SOLID ORAL PHARMACEUTICAL COMPOSITION OF THYROXINE ACTIVE DRUG

(51) International classification	:A61K9	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TORRENT PHARMACEUTICALS LTD.
(32) Priority Date	:NA	Address of Applicant :TORRENT HOUSE, OFF ASHRAM
(33) Name of priority country	:NA	ROAD, NEAR DINESH HALL, AHMEDABAD 380 009,
(86) International Application No	:NA	GUJARAT, INDIA Gujarat India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)JAYA ABRAHAM
(61) Patent of Addition to Application Number	:NA	2)VIJENDER GUPTA
Filing Date	:NA	3)BHAVESH N. SHAH
(62) Divisional to Application Number	:NA	4)VIKAS PRAKASH INGLE
Filing Date	:NA	

(57) Abstract:

Present invention relates to solid oral pharmaceutical composition prepared by a process comprising granulation of the mixture comprising sugar alcohol and colorant by a granulating solution comprising thyroxine active drug, alkalizer and alcoholic solvent.

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

(22) Date of filing of Application :21/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: MOBILITY ASSISTANT FOR DISABLED PERSON

 (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 	:A61H3/04, A45B9/04 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)OHM PRAVINBHAI JODHANI Address of Applicant:PRATHNA MALAVIYA NAGAR, JETPUR ROAD, GONDAL GUJARAT, INDIA-360311. Gujarat India 2)MILAN DAMJIBHAI MUNGARA 3)DARSHAN KANTIBHAI PATEL 4)VIRAJ KISHORBHAI GANDHI 5)ASHISH MAHENDRABHAI KOTHARI (72)Name of Inventor: 1)OHM PRAVINBHAI JODHANI 2)DARSHAN KANTIBHAI PATEL 3)MILAN DAMJIBHAI MUNGARA 4)VIRAJ KISHORBHAI GANDHI 5)ASHISH MAHENDRABHAI KOTHARI
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(57) Abstract:

A development of an assistance system on a wheelchair for the physically challenged and handicapped people to compensate their needs of manoeuvrability. This Mobility Assistant accepts the input from the user and accordingly sends command to the wheelchair to traverse around the surrounding. The proposed system will sense the body movement of a person sitting on a wheelchair and then shifts the wheelchair suitably so that it moves towards the desired direction. Further the system can also be upgraded so that it can detect object and obstacle on the way and thus helps it by adding more safety. The system will be self-contained within the wheelchair so that it ensures maximum mobility.

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

(22) Date of filing of Application :30/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: GLASS COMPOSITE AND METHOD OF PREPARATION THEREOF

 (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 	:H01F1/113, C03C3/091 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)SECRETARY, DEPARTMENT OF ELECTRONICS AND INFORMATION TECHNOLOGY (DEITY), Address of Applicant: DEPARTMENT OF ELECTRONICS AND INFORMATION TECHNOLOGY (DEITY), MINISTRY OF COMMUNICATIONS & INFORMATION TECHNOLOGY, 6 CGO COMPLEX, NEW DELHI 110003, INDIA. Delhi India 2)EXECUTIVE DIRECTOR, CENTRE FOR MATERIALS FOR ELECTRONICS TECHNOLOGY (C-MET) (72)Name of Inventor: 1)KALE BHARAT BHANUDAS 2)KULKARNI MILIND VYANKATESH 3)SONAWANE RAVINDRA SHRAVAN 4)APTE SANJAY KRUSHNAJI 5)NAIK SONALI DEEPAK 6)AMBEKAR JALINDAR DNYANDEV 7)GOSAVI SURESH W.
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(57) Abstract:

The present disclosure relates to a semiconductor nanoparticles-doped phosphate-zincate glass composite that exhibits the phenomenon of White Light Production (WLP) or Supercontinuum generation. The composite consists of phosphorus pentoxide (P2O5) in an amount ranging between 55 % and 70 % of the total mass of the composite; zinc oxide (ZnO) in an amount ranging between 10 % and 19 % of the total mass of the composite; aluminum oxide (Al2O3) in an amount ranging between 4 % and 9 % of the total mass of the composite; at least one MO compound, wherein M is alkali metal or alkaline earth metal, in an amount ranging between 2 % and 19 % of the total mass of the composite and titanium oxide (TiO2) as the dopant in an amount ranging between 0.01 % and 10 % of the total mass of the composite. The disclosure also relates to a process for the preparation of the afore-stated glass composite.

No. of Pages: 26 No. of Claims: 20

(22) Date of filing of Application :30/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: A SYSTEM FOR ROLLING TRIANGULAR PROFILE OF VARYING CROSS SECTION

 (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 	:B21B1/16, B21B1/08 :NA :NA :NA :PCT// :01/01/1900 : NA :NA :NA :NA	(71)Name of Applicant: 1)JK FILES (INDIA) LIMITED Address of Applicant: P.O. Jekegram, Pokhran Road No. 1, Thane (west) 400 606, Maharashtra, India Maharashtra India (72)Name of Inventor: 1)GUPTA NANDINI HARSHWARDHAN 2)BHANGE HEMANT RAMCHANDRA 3)KHOT SUMANT SHIVAGONDA 4)DODIA VIKRAM MANSUKH
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(57) Abstract:

The present disclosure envisages a system for performing rolling operation on a blank. The system comprises a rolling table and a holder configured on an operative top the rolling table. The holder is adapted to hold a blank on which the rolling has to be performed. A plurality of chocks extend in an operative upward direction from the rolling table. A plurality of rolling arms, each rolling arm has a rolling end and a connecting end. The plurality of rolling arms is swivably supported by the plurality of chocks. A plurality of rolling dies is detachably mounted on the rolling end for performing rolling operation on the blank. A swivelling mechanism is functionally coupled to the connecting end, the swivelling mechanism configured to control the swiveling motion of the rolling arms. A process for rolling operation on a blank is also disclosed in the present disclosure. Fig.3

No. of Pages: 22 No. of Claims: 5

(22) Date of filing of Application :21/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: STATIC FLOCCULATOR

(51) International classification	PLOT NO 259, DHARAMPETH EXT. NAGPUR-440010 Maharashtra India (72)Name of Inventor: 1)BHOLE, ANAND GOVIND A A A A A
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(57) Abstract:

The invention is related to the field of surface water treatment for drinking purpose. The treatment consists of removal of colloidal impurities present in water which are responsible for adding taste, colour, odour and various infectious diseases such as typhoid, cholera, dysentery etc. Any surface water contains large amount of impurities which are mainly harmful to human health. Turbidity in water is inorganic type of colloidal impurity which adds taste, odour and colour to water but is not hazardous to health. On the contrary microbial colloidal impurity is hazardous to health because the microbes are responsible for infections such as cholera, typhoid, paratyphoid, dysentery, jaundice and similar infections. Hence it is very necessary that these impurities are removed from water to make water potable. This is achieved by giving necessary treatment to water. The conventional water treatment plant (WTP) consists of following major units for treating surface water. (i) Cascade aerator (ii) Parshall flume (iii) Flash mixer (iv) Flocculator (v) Clarifier (vi) Rapid sand filters (vii) Chlorinator (viii) Clear water sump. The conventional flocculator is the mechanical type of flocculator. It consists of a plurality of paddles, motor, and gearbox etc. Its disadvantages are a) it requires mechanical equipment and electrical energy for its day to day operation.b) if motor / gear system goes out of order than, most of the times, there is no immediate replacement for the same which affects the performance of the flocculator.c) the capital and recurring costs are high.d) skilled operators are required for operation and maintenance of the conventional flocculator. The Invention static flocculator consists of a plurality of corrugated sheets assembled together to form narrow gaps and large circular gaps one below another after the corrugated sheets are assembled together and kept in vertical position. The pipes/rods of suitable material and diameter are inserted in the large circular gaps with a plurality of strips or plates of suitable material and size fixed to the pipe / rod, along the length and around the periphery of the pipe/rod in a suitable manner. Another set of plates or strips are fixed to the large circular gaps between the corrugated sheets in such a manner that these two sets of strips /plates form zigzag path for the water which flows through the module . Advantages of the Invention are:1) The static flocculator is ideal for flocculating surface water in rural areas where masonic plants which are huge are not required .2) The static flocculator is simple in construction .3) The static flocculator does not have any moving parts and does not require any mechanical equipment and electrical energy for its operation except for pumps, thus it is a low cost technology. 4)The static flocculator does not get clogged in course of operation .5)The static flocculator requires no skilled staff for its operation and maintenance. 6)ln case there is any damage or repairs to any sheet or its strips, the sheet can be easily taken out, repaired and replaced.

No. of Pages: 15 No. of Claims: 2

(22) Date of filing of Application :30/04/2014

(43) Publication Date: 20/11/2015

(54) Title of the invention : RFL (RESORCINOL FORMALDEHYDE LATEX)-FREE PROCESS FOR TEXTILE BASED RUBBER COMPOSITE

(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 Sina (87) International Publication No (88) International Publication No (89) International Publication Number (80) Patent of Addition to Application Number (80) Divisional to Application Number (80) Divisional to Application Number (81) NA (82) NA (83) Name of priority country (84) International Application Number (85) International Publication Number (86) International Application Number (87) International Publication Number (88) International Application Number (89) International Publication Number (80) International Publication Number (81) International Publication Number (81) International Publication Number (82) International Publication Number (83) International Application Number (84) International Publication Number (85) International Publication Number (86) International Publication Number (87) International Publication Number (87) International Publication Number (88) International Publication Number (89) International Publication Number (89) International Publication Number (80) International Publication Number (80) International Publication Number (81) International Publication Number (81) International Publication Number (82) International Publication Number (83) International Publication Number (84) International Publication Number (85) International Publication Number (86) International Publication Number (87) International Publication Number (87) International Publication Number (88) International Publication Number (89) International Publication Number (80) International Publication Number	() () () () () () () () () ()
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(57) Abstract:

The invention describes about a novel process for RFL (Resorcinol Formaldehyde Latex) -free process for textile based rubber composite. The core spun yarn made from cellulosic fibre wrap over the synthetic filament which eliminate the RFL technique, used for the improvement adhesion between textiles substrate and rubber materials. Ring or friction spinning methods have been used for wrapping the cellulosic based fibre materials over the synthetic filament. The rubber coated core spun yarn fabric shows peel strength of 6 kg/2.5cm (1S 3400 Part V). The core-spun yarn spinning process and the rubber coating are totally chemical free and ecofriendly process, since RFL process has been omitted.

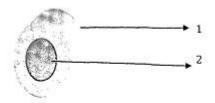


Fig 1. Core spun yarn cross section

No. of Pages: 14 No. of Claims: 1

(22) Date of filing of Application :02/04/2014

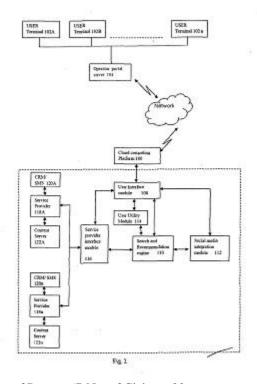
(43) Publication Date: 20/11/2015

(54) Title of the invention: A METHOD AND SYSTEM FOR CUSTOMER MANAGEMENT

(51) International classification	:G06Q30/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)WHATS ON INDIA MEDIA PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :3rd Floor, B Wing, Todi Estate, Sun
(33) Name of priority country	:NA	Mill Compound, Opp. Phoenix Mills, Lower Parel, Mumbai
(86) International Application No	:NA	400013, Maharashtra, India Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Atul Phadnis
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method and system for customer management is disclosed. The method and system for delivery of a content rich data platform with search, and user interactive features to service providers to enhance the service provider's ability to manage customer. The system and method thereof disclosed herein enables the service providers and broadcaster to increase subscription and inturn increase sale by recommendations. The system, when operated in accordance with an example method, enables a user to receive recommendations as per his preference of viewership, and in accordance with the behaviour of the social media contacts enables the service provider to provide recommendations based on the user activity reflecting his preferences and also provides data relative to the trend and popular programs and channels to the service provider with minimum efforts.



No. of Pages: 67 No. of Claims: 20

(22) Date of filing of Application :22/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: Sports bat with enhanced striking capability

 (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 	:A63B59/08, A63B71/06 :NA :NA :NA :PCT// :01/01/1900 : NA	(71)Name of Applicant: 1)Dharane, Sidaramappa Shivashankar Address of Applicant: c/o Malage gururaj rudresh 195, east mangalwar peth, Solapur Near siddheshwar co. bank (head office) Solapur 413002 Maharashtra Maharashtra India (72)Name of Inventor: 1)Dharane, Sidaramappa Shivashankar
(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:NA :NA :NA	
Filing Date	:NA	

(57) Abstract:

The present invention discloses a sports bat with enhanced striking capability which essentially has the facility of enhance the weight of the sports bat to enable it to give good and improved striking capability. The weight enhancer means in effect affects the center of gravity of the bat and allows the player to adjust this for maximum benefit. This weight enhancer means is removably attached to the sports bat and can be chosen as per players need to negotiate a ball. The weight enhancer means comprises plurality of strong pipes, rods, the pipes in the weight enhancement means being filled with heavy material, the said weight enhancement means being removably attached to the recessed area by adhesives, clamps.

No. of Pages: 15 No. of Claims: 13

(22) Date of filing of Application :30/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: STABLE PHARMACEUTICAL COMPOSITION OF NITROGLYCERIN.

(51) International classification	:A61K31/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)GLENMARK GENERICS LIMITED
(32) Priority Date	:NA	Address of Applicant :B/2, MAHALAXMI CHAMBERS, 22
(33) Name of priority country	:NA	BHULABHAI DESAI ROAD, MUMBAI-400709, INDIA.
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)PANY, DIPTI RANJAN
(61) Patent of Addition to Application Number	:NA	2)PATIL, RAJARAM
Filing Date	:NA	3)ARRA, SRINIVAS GANGA
(62) Divisional to Application Number	:NA	4)MEHTA, KAMAL
Filing Date	:NA	5)DHUPPAD, ULHAS

(57) Abstract:

The present invention relates to an oral stable pharmaceutical composition of nitroglycerin. Particularly, the invention is directed towards making a stable sublingual composition of nitroglycerin. This invention aims at improving the stability of the compositions containing nitroglycerin in terms of the uniformity of content of nitroglycerin present in each tablet amongst the lot or when stored in a container containing numerous nitroglycerin tablets in contact with each other.

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

(22) Date of filing of Application :30/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: SYSTEM AND METHOD FOR REMOTE MONITORING OF WATER PURIFIERS

 (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 	:G05B19/042 :NA :NA :NA :PCT// :01/01/1900 : NA :NA	(71)Name of Applicant: 1)QDnet Technologies Pvt. Ltd. Address of Applicant: G-14, Zakira Industrial Premises Marol Maroshi Road, Andheri (East) Mumbai 400059 Maharashtra India (72)Name of Inventor: 1)DESOUZA QUENTIN SALIS
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Described herein is a maintenance support system (10) for handling maintenance needs of a plurality of water purifiers (100), the maintenance support system (10) comprising a support system (106) installed at each of said water purifiers, the support system comprising a control circuit (108) with a processor and an internal memory coupled with said processor embedded in said control circuit (108), and a replaceable memory element (110) communicatively coupled with said processor, said replaceable memory element (110) programmed with data selected from the group consisting of a component ID of said memory element (10), a serial number of a consumable corresponding to said memory element (10), and a product code of a water purifier (100), wherein said support system (106) is configured to send and receive information to and from a remote server (116).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1355/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :15/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF 1, 3-DIALKYL-(1H, 3H)-6-METHYLPYRIMIDINE-2, 4-DIONES.

(51) Intermetional algorification	. A 61W21/02	(71)Nome of Applicant
(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)DR. M. M. V. RAMANA
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF CHEMISTRY,
(33) Name of priority country	:NA	UNIVERSITY OF MUMBAI, VIDYANAGARI, SANTACRUZ
(86) International Application No	:NA	(EAST), MUMBAI-400 098, INDIA. Maharashtra India
Filing Date	:NA	2)DR. SANJAY C. PAWAR
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)DR. M. M. V. RAMANA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

This invention describes the preparation of 1, 3-dialkyl-(1H, 3H)-6-methylpyrimidine-2, 4-diones by Chapman rearrangement of 2,4-dialkoxy-6-methylpyrimidines.

No. of Pages: 9 No. of Claims: 7

(22) Date of filing of Application :15/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF 1, 3-DIALKYL-(1H, 3H)-6-METHYLPYRIMIDINE-2, 4-DIONES UNDER MICROWAVE IRRADIATION.

(51) International classification	:A61K31/04	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DR. M. M. V. RAMANA
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF CHEMISTRY,
(33) Name of priority country	:NA	UNIVERSITY OF MUMBAI, VIDYANAGARI, SANTACRUZ
(86) International Application No	:NA	(EAST), MUMBAI-400 098, INDIA. Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DR. M. M. V. RAMANA
(61) Patent of Addition to Application Number	:NA	2)DR. SANJAY C. PAWAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This invention describes the synthesis of 1, 3-dialkyl-(lH, 3H)-6-methylpyrimidine-2, 4-diones by subjecting corresponding 2, 4-dialkoxy-6-methylpyrimidines to Chapman rearrangement under microwave irradiation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1357/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :15/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: POLYESTER RESIN COMPOSITION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A61K31/05 :NA :NA :NA	(71)Name of Applicant: 1)RELIANCE INDUSTRIES LIMITED Address of Applicant: 3rd Floor, Maker Chamber-IV 222, Nariman Point, Mumbai-400021, Maharashtra, India. Maharashtra
(86) International Application No Filing Date	:PCT// :01/01/1900	India (72)Name of Inventor :
(87) International Publication No(61) Patent of Addition to Application Number Filing Date	: NA :NA :NA	1)Ayodhya Srinavasacharya Ramacharya 2)Limaye Chetan Vijay 3)Kuldip Suryaprakash Upadhye
(62) Divisional to Application Number Filing Date	:NA :NA	4)Jadimath Shivamurthy Padadayya

(57) Abstract:

The present disclosure relates to a polyester resin composition consisting of at least one polyester component, at least one polyester modifier, at least one nucleating agent and optionally, at least one additive. The polyester composition of the present disclosure is used for preparing thin walled containers. The present disclosure also provides a process for the preparation of the polyester composition and thin walled containers using the same.

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

(22) Date of filing of Application :23/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: A SYSTEM AND METHOD FOR DETERMINING A RATING OF AN ASSET

(51) International classification	:G06F19/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)StayMatrix Private Limited
(32) Priority Date	:NA	Address of Applicant :602, Karmabhoomi Terrace, Jijamata
(33) Name of priority country	:NA	Road, Pump House, Andheri East, Mumbai 400093, Maharashtra,
(86) International Application No	:PCT//	India Maharashtra India
Filing Date	:01/01/1900	(72)Name of Inventor:
(87) International Publication No	: NA	1)PAREKH, Samir Shirish
(61) Patent of Addition to Application Number	:NA	2)SHRIVASTAV, Amit
Filing Date	:NA	3)BHATIA, Deepak Arjan
(62) Divisional to Application Number	:NA	4)JANI, Nilay
Filing Date	:NA	

(57) Abstract:

A system and method for determining a rating of an asset are disclosed. Data associated with the asset may be received from a user or a database. A plurality of parameters associated with the asset is selected. A weight is assigned to each parameter of the plurality of parameters. Further, each parameter of the plurality of parameters is compared with a pre-defined standard. The rating for each parameter is determined based on the weight assigned and the comparison.

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

(22) Date of filing of Application :02/05/2014 (43)

(43) Publication Date : 20/11/2015

(54) Title of the invention: HIGH-PRESSURE FLUIDIZED BED GASIFIER AND GASIFICATION PROCESS THEROF

		7127
		(71)Name of Applicant:
		1)THERMAX LIMITED
		Address of Applicant :D-13, MIDC Industrial Area, R.D. Aga
(51) International classification	:C10J3/72,	Road, Chinchwad, Pune - 411019, Maharashtra, India.
(51) International classification	C10J3/84,	Maharashtra India
(31) Priority Document No	:NA	2)ENGINEERS INDIA LIMITED
(32) Priority Date	:NA	3)BHARAT PETROLEUM CORPORATION LTD.
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:PCT//	1)BASARGEKAR SUDHEER
Filing Date	:01/01/1900	2)GUPTA DEVKUMAR
(87) International Publication No	: NA	3)MITRA CHAITANYA
(61) Patent of Addition to Application Number	:NA	4)DESHPANDE AJAY
Filing Date	:NA	5)PRASAD GANESH
(62) Divisional to Application Number	:NA	6)MAITI RABINDRANATH
Filing Date	:NA	7)MANDOWARA AMISH
- -		8)VOOLAPALLI RAVI KUMAR
		9)RAKSHIT PRANAB
		10)MAITY PINTU

(57) Abstract:

The present disclosure relates to a process for production of syngas. The process comprises the step of pressurizing the carbonaceous material above the atmospheric pressure. The pressurized carbonaceous material is then fed into a gasifier in a region having low oxygen content. The carbonaceous material that is fed into the gasifier is high ash content coal. The pressurized carbonaceous material is further fluidized by a mixture of gases that comprises oxygen and steam, to produce syngas. The syngas produced during the process comprises un-reacted carbonaceous materials particulates. These un-reacted carbonaceous material particulates are separated and recycled into the gasifier in a region having excess oxygen content. The process of the present disclosure increases the conversion efficiency of the carbonaceous materials to syngas and hence the overall efficiency of the process increases.

No. of Pages: 18 No. of Claims: 13

(22) Date of filing of Application :02/05/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: APPARATUS FOR DISPENSING MERCHANDISE AND METHOD THEREFOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:NA :NA :NA :PCT///	(71)Name of Applicant: 1)UPADHYE, SUBODH SURESH Address of Applicant: C/O. L. S. UPADHYE, KARMAYOG APARTMENTS, FLAT NO. 5, INDRAYANI NAGAR, SEC. NO. 1, BOSRI, PCMC, PUNE. Maharashtra India (72)Name of Inventor: 1)UPADHYE, SUBODH SURESH
(61) Patent of Addition to Application NumberFiling Date(62) Divisional to Application Number	:NA :NA :NA	
Filing Date	:NA	

(57) Abstract:

ABSTRACT Apparatus for Dispensing Merchandise and Method Therefor An apparatus (1) for dispensing merchandise comprising identical containers (2) positioned at a suitable height in their idle position within the apparatus, each of several box assemblies (3) being connected to one container with a delivery pipe (4) in a dedicated way and one control lever (5) being provided for each set of container (2)/delivery pipe (4)/box assembly (3). All control levers (5) are located close to the operator so that he can operate the apparatus without leaving seat. Control lever (5) operates the box assembly (3) and a mechanical switch provided in container (2) for delivery of merchandise from the container to weighing machine through chute (11). A method for operating the apparatus is also disclosed.

No. of Pages: 13 No. of Claims: 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1364/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :15/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: Oral veterinary compositions

(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	C07D261/04 NA NA NA	(71)Name of Applicant: 1)Intas Pharmaceuticals Ltd. Address of Applicant: Intas Pharmaceuticals Ltd. 2nd Floor, Chinubhai Centre, Ashram Road, Ahmedabad 380009 Gujarat India (72)Name of Inventor: 1)Ashish Sehgal 2)Aditya Patel 3)Chetan Gandhi
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⁽⁵⁷⁾ Abstract:

The present invention relates to oral veterinary compositions comprising nutritional components such as calcium, phosphorus and vitamins for the treatment and/or maintenance of animal health. Further the invention relates to the process for preparation of the said compositions.

Abstract

The present invention relates to oral veterinary compositions comprising nutritional components such as calcium, phosphorus vitamins for the treatment and/or maintenance of animal health. Further the invention relates to the process for preparation of said compositions.

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

(22) Date of filing of Application :23/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: Guard Performance and Security System

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G08B19/00, G08B1/00 :NA :NA :NA :PCT// :01/01/1900	 (71)Name of Applicant: 1)Shri. Naresh Laxminarayan Grover Address of Applicant: 245H, Rajlaxmi Marg, Civil Lines, Nagpur-440001 Maharashtra India (72)Name of Inventor: 1)Shri. Naresh Laxminarayan Grover
(87) 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:

ABSTRACT: Present invention is process and setup provided thereof, for the purpose of security guard monitoring and surveillance system integrated with GPS, GPRS, GIS provide a patrol system enables monitoring of mobile worker time and attendance in real time. All data is transmitted through GSM/ GPRS Phone networks allowing second by second updates on a web based live patrol monitoring system performed both indoors and outdoors. It has various sensors which helps to security guard in vigil and provide alerts, if any threats incurred. It has integrated glass break sensors, human body sensor, motion sensor, perimeter cross check alerts sensors etc. The invention is illustrated in Figure 1 of sheet 1 provides the working modal of guard performance monitoring and security system with the help of a hand held device.

No. of Pages: 24 No. of Claims: 9

(22) Date of filing of Application :24/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: DIGITAL IMAGE PROCESSING BASED AGGREGATE MEASUREMENT SYSTEM

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G07F17/24, G07B15/02 :NA :NA :NA	(71)Name of Applicant: 1)Md. Vazeeruddin Address of Applicant: Plot No. 70, Rasheedpura, Aurangabad - 431001, Maharashtra, India Maharashtra India 2)M. N. Mangulkar
(86) International Application No Filing Date	:PCT// /	3)S. S. Jamkar (72)Name of Inventor:
(87) International Publication No(61) Patent of Addition to Application Number Filing Date	: NA :NA :NA	1)S. S. Jamkar 2)M. N. Mangulkar 3)Md. Vazeeruddin
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

ABSTRACT TITLE.: DIGITAL IMAGE PROCESSING BASED AGGREGATE MEASUREMENT SYSTEM An digital image processing based aggregate measurement system for measurement of profile of aggregates of concrete mass is disclosed that includes an aggregate tray that is movable in a linear path two positions between two posts and that is rotated by predefined angles in the second position to capture at least six photographic images of an aggregate particle in the aggregate tray with at least three imaging devices. The apparatus also includes a plurality of LED lamps that are positioned at predefined locations to illuminate the background of the aggregate particle at the time of capturing the predefined images to avoid any shadow of the aggregate particle in the respective photographic image. A controlling unit positioned in close proximity with a first post controls an operational cycle of moving the tray for capturing predefined photographs of the aggregate to generate a profile of the aggregate in the tray.

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

(22) Date of filing of Application :02/05/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: MONITORING PHYSIOLOGICAL PARAMETERS

(51) International classification	:A61B5/0478, A61B5/0408,	(71)Name of Applicant: 1)TATA CONSULTANCY SERVICES LIMITED
(31) Priority Document No	:NA	Address of Applicant :Nirmal Building, 9th Floor, Nariman
(32) Priority Date	:NA	Point, Mumbai, Maharashtra 400021, Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:PCT//	1)BANERJEE, Rohan
Filing Date	:01/01/1900	2)SINHA, Aniruddha
(87) International Publication No	: NA	3)VISVANATHAN, Aishwarya
(61) Patent of Addition to Application Number	:NA	4)DUTTA CHOUDHURY, Anirban
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(57) Abstract:

ABSTRACT MONITORING PHYSIOLOGICAL PARAMETERS A method for monitoring physiological parameters associated with a subject using a hand held device (130) is described herein. In an implementation, the method includes extracting a plurality of PPG features from a video of a body part (128) of the sample subject. The plurality of PPG features can be associated with the physiological parameter. A correlation coefficient can be determined for each of the plurality of PPG features, the correlation coefficient being indicative of a relation between a PPG feature and a ground truth value of the physiological parameter. A gain factor is ascertained for each of the plurality of PPG features, based on the correlation coefficient. Further, relevant PPG features are selected from among the plurality of PPG features, based on the gain factor. The relevant PPG features can be deployed for monitoring the physiological parameter in real time.

No. of Pages: 30 No. of Claims: 20

(22) Date of filing of Application :07/04/2014

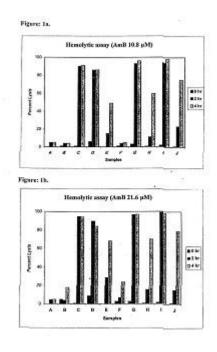
(43) Publication Date: 20/11/2015

(54) Title of the invention : PROTEIN DRUG PROBIOTIC COMPLEX, PROCESS FOR PREPARATION AND PHARMACEUTICAL COMPOSITIONS THEREOF

(51) International classification	:A61K9/00	(71) Nome of Applicant.
` '		(71)Name of Applicant:
(31) Priority Document No	:NA	1)Unichem Laboratories Ltd.
(32) Priority Date	:NA	Address of Applicant :Mahalaxmi Chambers, 22 Bhulabhai
(33) Name of priority country	:NA	Desai Road, Mumbai- 400026, Maharashtra, India Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Dr. C.S. Ramadoss
(61) Patent of Addition to Application Number	:NA	2)Avinash Kudva
Filing Date	:NA	3)Dr. Malladi Srinivas
(62) Divisional to Application Number	:2691/MUM/2008	
Filed on	:23/12/2008	

(57) Abstract:

Protein drug complex, pharmaceutical composition containing said proteins and methods for preparing the same. The invention is directed specifically to protein drug probiotic complex and oral therapy formulations. The said protein is preferably casein. Method for preparing said complex and oral formulation is disclosed.



No. of Pages: 28 No. of Claims: 9

(22) Date of filing of Application :24/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: Method For Producing Readily Hydrolysable Polysaccharides From Lignocellulosic Biomass

	G12D7/10	
(51) International classification		(71)Name of Applicant:
	C07C31/08	1)Indian Oil Corporation Ltd.
(31) Priority Document No	:NA	Address of Applicant :G-9, Ali Yavar Jung Road, Bandra
(32) Priority Date	:NA	(East), Mumbai-400 051, India Maharashtra India
(33) Name of priority country	:NA	2)Department Of Biotechnology
(86) International Application No	:PCT//	(72)Name of Inventor:
Filing Date	:01/01/1900	1)KUMAR, Ravindra
(87) International Publication No	: NA	2)KAPOOR, Manali
(61) Patent of Addition to Application Number	:NA	3)GAUR, Ruchi
Filing Date	:NA	4)GUPTA, Ravi Prakash
(62) Divisional to Application Number	:NA	5)TULI, Deepak Kumar
Filing Date	:NA	6)MALHOTRA, Ravinder Kumar

(57) Abstract:

The present invention provides a method of producing fermentable sugars from lignocellulosic biomass. The method comprising the steps of treating a biomass mixture comprising lignocellulosic biomass and a waste refinery stream produced by petroleum refineries during production of low sulphur fuels to obtain a treated biomass mixture. Then the treated biomass mixture is filtered and washed with water and thereafter pressed to remove excess refinery waste, water and lignin to obtain a de-lignified biomass. Then the delignified biomass is reacted with one or more saccharification enzymes to obtain fermentable sugars.

No. of Pages: 42 No. of Claims: 22

(22) Date of filing of Application :25/04/2014

(43) Publication Date: 20/11/2015

(54) Title of the invention : NOVEL PROCESSES FOR PREPARING TRIAZOLO [4,5-D]-PYRIMIDINES, INCLUDING TICAGRELOR, VIA NEW INTERMEDIATES AND NEW ROUTE OF SYNTHESIS

	:A61K9/00,	(71)Name of Applicant:
(51) International classification	A61K31/00,	
	A61K31/18	Address of Applicant :101/102-SILVER COIN COMPLEX,
(31) Priority Document No	:NA	OPP. CRYSTAL MALL, KALAWAD ROAD, RAJKOT-360005
(32) Priority Date	:NA	(GUJARAT), INDIA. Gujarat India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)RASADIA PUNITKUMAR RAMESHBHAI
Filing Date	:NA	2)RAMANI VAIBHAV NARENDRAKUMAR
(87) International Publication No	: NA	3)SHAH ANAMIK KANTILAL
(61) Patent of Addition to Application Number	:NA	4)PANDEY BIPIN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to novel processes for preparing triazolo [4,5-d] pyrimidines, including Ticagrelor, via new intermediates and new routes of synthesis. The synthesis begins with readily available and inexpensive starting material such as 5-nitro-2,4,6-trichloropyrimidine and leads to series of novel intermediates, which are commercially viable and industrially advantageous (solid intermediates, high yields and convenient experimental condition) for the preparation of highly pure Ticagrelor.

No. of Pages: 64 No. of Claims: 28

(22) Date of filing of Application :04/05/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: SMART POWER METER USING ZIGBEE TECHNOLOGY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	G01D4/00	(71)Name of Applicant: 1)Sandip Foundation™s Sandip Institute of Technology & Research Centre Address of Applicant :Sandip Institute of Technology & Research Centre, Mahiravani, Trimbak road, Nashik, Maharashtra Maharashtra India
Filing Date (87) International Publication No (61) Patent of Addition to Application Number		(72)Name of Inventor: 1)Prof. Omkar. S. Vaidya 2)Vishal A. Dhapte
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	3)Arkam A. Shaikh 4)Ashwini V. Palekar

(57) Abstract:

Present invention provides specially a wireless smart power meter using Zigbee is proposed for automatic meter data collection, give intimation through messages displayed on LCD and energy auditing. It is the ARM7 Processor based system which continuously records the readings and automatically takes the responsibility of calculating the bill. In this invention Zigbee has major role in monitoring and for efficient power utilization. Zigbee technology is used to convey the electricity bill through message or internet to the consumer automatically. It covers enough area needed for communication and it works on low data rate of 20Kbps to 250Kbps with minimum power consumption. This will enable two- way and real-time communication between the consumers and the provider. The RFID card reader is used for payment of the bill. The theft detection technique is used to detect the illegal use of electricity. It will help to minimize the cost of electricity bill. ARM Processor is used for the theft detection. Following invention is described in detail with the help of Figure 1 of sheet 1 shows Block Diagram of Smart Power Meter using Zigbee Technology, Figure 2 of sheet 2 shows Zigbee Communication Network and Figure 3 of sheet 2 shows Block Diagram of RFID.

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

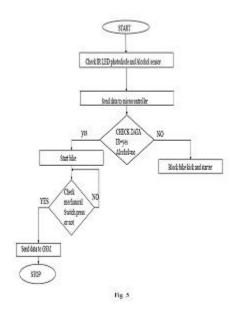
(22) Date of filing of Application :16/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: SMART BIKE AND HELMET

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:NA :NA :NA	(71)Name of Applicant: 1)TUSHARBHAI ASHWINBHAI PATEL Address of Applicant: 3, PATEL KHADKI, MANGHROLI, TAL-NADIAD, DIST-KHEDA, PIN-387115, GUJARAT,
(86) International Application No	:NA	INDIA. Gujarat India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)RENNY DAVID KOKKAN
(61) Patent of Addition to Application Number	:NA	2)KISHAN RAJESHKUMAR JOSHI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In the present invention, when a person will wear a helmet, it will be confirmed by helmet wear sensor (photo diode). And alcohol sensor will confirm that the driver is not drunk. Then both photo diode and alcohol sensor will send their data about person to ADC. ADC will feed this data to controller by converting it into digital form. If person had been drunk then controller will send signal to receiver. But if person is not drunk then controller will send request for ignition to receiver through Bluetooth /wifi or any other way of transmission.



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

(22) Date of filing of Application :23/04/2014

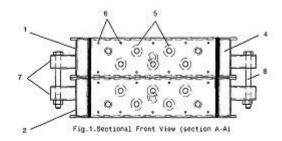
(43) Publication Date: 20/11/2015

(54) Title of the invention : NEUTRAL WIRE HARNESS ROUTING AND AN OUTPUT SHAFT OIL SEAL STOPPER THEREFOR

 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	B60K13/04 :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)MAHINDRA TWO WHEELERS LIMITED Address of Applicant: D1 Block, Plot No. 18/2 (Part), MIDC, Chinchwad, Pune - 411019, Maharashtra, India Maharashtra India (72)Name of Inventor: 1)MEMON ZAKIRHUSEN KADARBHAI 2)PARAB DEEPAK YASHVANT
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present disclosure discloses a crankcase of a vehicle for routing a wire harness. The crankcase comprises a first rib, a second rib and a third rib. The first rib, the second rib and the third ribs extend upright from an operative inner surface of the crankcase. The first rib is configured with a first recess which routes a first portion of the wire harness connected to a neutral gear indicator. The second rib is disposed concentric and proximate to a first opening, which is configured on the crankcase for receiving an output shaft, to form a cavity between the second rib and the first opening. The cavity routes a substantially middle portion of the wire harness. The third rib is configured with a second recess. The second recess routes a second portion of the wire harness, which further extends outside the crankcase. Fig.1



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

(22) Date of filing of Application :23/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention : A TUBULAR ARRANGEMENT FOR SUPERNATANT EVACUATION IN A MECHANICAL DECANTER

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A61B5/15, A61B10/00 :NA :NA :NA	(71)Name of Applicant: 1)THERMAX LTD. Address of Applicant:D-13, MIDC Industrial Area, R.D. Aga Road, Chinchwad, Pune - 411019, Maharashtra, India. Maharashtra India
(86) International Application No	:PCT//	(72)Name of Inventor:
Filing Date	:01/01/1900	1)V. KALYANARAMAN
(87) International Publication No	: NA	2)SHIVA KUMAR VARIGALA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A decanter system comprises a tubular arrangement for down-comer for drawing supernatant from a reservoir. The tubular arrangement for down-comer comprises a tray configured to receive a supernatant from the reservoir. It further comprises at least one bottom header configured to receive the supernatant from the tray and discharge said supernatant therefrom. The tubular arrangement for down-comer further comprises a plurality of connecting pipes configured to transfer the supernatant from the tray to the bottom headers wherein the plurality of connecting pipes include straight connecting pipes and bent connecting pipes. Fig.9

No. of Pages: 55 No. of Claims: 4

(22) Date of filing of Application :04/05/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: Device and Process for Automatic Separation and Estimation of Shelf Life of Mango

	·G06K9/00	(71)Name of Applicant:
(51) International classification	G06T7/00	1)Sandip foundation TM s Sandip Institute of Technology &
(31) Priority Document No	:NA	Research Centre
(32) Priority Date	:NA	Address of Applicant :Sandip Institute of Technology &
(33) Name of priority country	:NA	Research Centre, Mahiravani, Trimbak road, Nashik, Maharashtra
(86) International Application No	:PCT//	Maharashtra India
Filing Date	:01/01/1900	(72)Name of Inventor:
(87) International Publication No	: NA	1)Prof. S J Pawar
(61) Patent of Addition to Application Number	:NA	2)Mr. Dhananjay Pawar
Filing Date	:NA	3)Mr. Netraj Shirole
(62) Divisional to Application Number	:NA	4)Miss. Priyanka Jadhav
Filing Date	:NA	5)Miss Prachi Matha

(57) Abstract:

The Project Features a Computer vision based system for automatic segregation and grading of mango based on mainly three factors which are weight, colour and colour maturity. The main purpose behind implementing this computer vision based system is to replace human eï¬orts by automation. Parameters of the individual classes are estimated using MATLAB software. Following invention is described in detail with the help of Figure 1 of sheet 1 shows Block Diagram for estimation of speciï¬ • cations and separation and Figure 2 of sheet 2 shows Flowchart for estimation of speciï¬ • cations and separation, Figure 3 of sheet 3 shows Image acquisition chamber and Figure 4 of sheet 3 shows Projected design Machine.

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

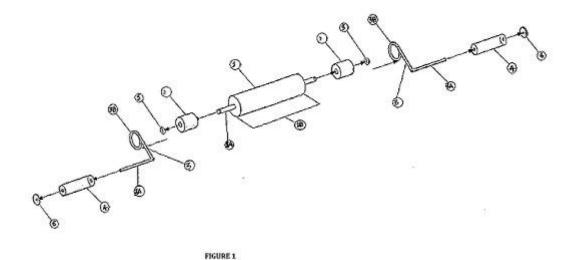
(22) Date of filing of Application :25/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: AN ATTACHMENT TO THE CONVENTIONAL CHAPATTI/ROTI ROLLER (BELAN)

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	A21C11/00 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)SHAIKH UMMID ISAMIYA Address of Applicant: PIMPRI CHINCHWAD COLLEGE OF ENGINEERING, SECTOR 26, PRADHIKARAN NIGDI, PUNE-411044, MAHARASHTRA, STATE. Maharashtra India (72)Name of Inventor: 1)SHAIKH UMMID ISAMIYA
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system which is an attachment to the Conventional chapatti/ roti roller is provided in order to roll chapatti/ roti with less human effort and with comfortable body position, said system comprises: conventional chapatti/ roti roller (Called as Belan in Hindi language]; two bushes adapted to support the Conventional chapatti/ roti, said two bushes each being a hollow cylinder which fits loosely on each end portion of said Conventional chapatti/ roti roller, said two bushes each having outer diameter 2 mm to 5 mm less than that of the . central cylindrical portion of the said Conventional chapatti/ roti roller; said two number of grips each enables the person to hold the device comfortably and to move the said Conventional chapatti/ roti roller two and fro in order to make chapatti / roti from dough, said grips each being is a hollow cylinder which fights tightly on the bended end of each said connector; said two number of connectors each being a rod whose one end is bended at 90 °and the other end is bended in circular shape, said connector whose bended end is inserted tightly into each said grip and whose circular end fits tightly around each said bush, said connector thus connects each said bush and each said grip together; said two number of rubber O-rings each being fitted tightly in the groove made on the end portions of said Conventional chapatti/ roti roller; said two number of washers each being fitted tightly on the ends of each said connector, each said rubber 0-ring preventing each said grip from coming out of said connector.



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

(22) Date of filing of Application :25/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention : MANUFACTURING HOLLOW SPHERES USING EXTRUSION SPHERONIZATION TECHNOLOGY

(51) International classification	:A23B4/03	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MR. RAJKUMAR BUDHRAJA
(32) Priority Date	:NA	Address of Applicant :2B/34 WINDMERE BLDG., NEW
(33) Name of priority country	:NA	LINK ROAD, NEAR OSHIWARA POLICE STATION,
(86) International Application No	:NA	ANDHERI WEST, MUMBAI-400053 Maharashtra India
Filing Date	:NA	2)MR. UMANG BUDHRAJA
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)MR. RAJKUMAR BUDHRAJA
Filing Date	:NA	2)MR. UMANG BUDHRAJA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A process of manufacturing hollow spheres by extrusion and spheronisation comprising mixing raw material with active ingredient making wet dough; feeding wet dough into the extruder which has at least one die orifice in an extrusion die. which gives hollow extrudes; spheronising the hollow extrudes using spheronisation: and drying the hollow spheres into fluid Bed dryer or tray dryer. The present hollow spheres can contains oils, wherein oil is injected using needle in the hollow spheres & pore of the hollow spears can closed with waxes and natural gums. The present hollow spheres gives advantage of improved physical quality standards with respect to more consistency in uniform individual weight, hardness, disintegration time and ultimately dissolution.

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

(22) Date of filing of Application :05/05/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: A SYSTEM FOR CONTROLLED VARYING OF VALVE TIMINGS IN VEHICLE ENGINES

(51) International classification :F01L1/34, F02D (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :PCT// Filing Date :01/01/1900 (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	D13/02, (71)Name of Applicant: 1)MAHINDRA TWO WHEELERS LIMITED Address of Applicant: D1 Block, Plot No. 18/2 (Part), MIDC, Chinchwad, Pune - 411019, Maharashtra, India Maharashtra India (72)Name of Inventor: 1)KORATAGERE SAGAR PHANEENDRA 2)MEMON ZAKIRHUSEN KADARBHAI 3)MALAGI SANTOSH 4)PISE CHETAN
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(57) Abstract:

A system for controlling valve timings in a vehicle engine comprises a first rocker arm configured to open or close an exhaust valve. The system further comprises second and third rocker arms that are configured to selectively couple, by means of a coupling mechanism, with an intake valve for opening and closing said intake valve. The coupling mechanism comprises a pin actuated by means of a solenoid actuator and adapted to couple the second and third rocker arms in the extended position. A camshaft is configured to be coupled with the first, second, and third rocker arms for enabling the rocker arms to oscillate thereby causing the opening and closing of the respective valves. Fig.1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1474/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :26/04/2014 (43) Publication Date : 20/11/2015

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

(51) International classification	· A 61 K 31/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)LUPIN LIMITED
(32) Priority Date	:NA	Address of Applicant :159 CST Road, Kalina, Santacruz
(33) Name of priority country	:NA	(East), Mumbai-400 098, State of Maharashtra, India Maharashtra
(86) International Application No	:PCT//	India
Filing Date		(72)Name of Inventor :
(87) International Publication No	: NA	1)SIYAN, Rajinder, Singh
(61) Patent of Addition to Application Number	:NA	2)GOHEL, Sunilkumar, Vinubhai
Filing Date	:NA	3)BHISE, Nandu, Baban
(62) Divisional to Application Number	:NA	4)SINGH, Girij, Pal
Filing Date	:NA	

(57) Abstract:

The present invention relates to a process for the preparation of duloxetine containing R-isomer less than 0.5 % by arylation of (S)-3-(methylamino)-1-(thiophen-2-yl)propan-1-ol with 1-fluoronaphathalene in presence of sodium amide and dimethyl sulfoxide.

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

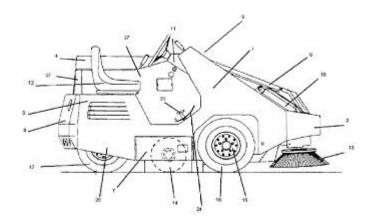
(22) Date of filing of Application :26/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: A HYDRAULICALLY OPERATED AUTOMATIVE INDUSTRIAL SWEEPER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	15/02 :NA	(71)Name of Applicant: 1)Tirth Hygiene Technology Private Limited. Address of Applicant: Near Pij Cross Road, Near Sharpin Pharma, Post: Tundel -387230, Taluka: Nadiad, District: Kheda, Gujarat, India Gujarat India (72)Name of Inventor:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:NA : NA :NA :NA :NA	1)Patel Vinodbhai Mavjibhai 2)Patel Maheshbhai Mavjibhai 3)Sharma Vinaykumar Ramnaresh 4)Patel Hitesh Amrutbhai 5)Khatri Jayesh Lalchand
Filing Date	:NA	Sixhatii saytsii Laithanu

(57) Abstract:

A HYDRAULICALLY OPERATED AUTOMATIVE INDUSTRIAL SWEEPER The present invention discloses a hydraulically operated automotive industrial sweeper for sweeping the dust and other debris and dislodging it by collecting and dumping the debris into the hopper (6) mounted at the front end of the vehicle. The side brush (13) sweeps dust and debris from the edges and corners of the floors and from the corner and directs it towards the main brush (14). An impeller (33) sucks the dust and debris from the main brush (14) and further sends it to the hopper (6). The filtering mechanism in hopper enables to keep debris within the closed hopper and thereby avoids dispersing out. The present invention provides environmental friendly cleaning and also reduces the maintenance cost.



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

(22) Date of filing of Application :28/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: An improved process for the preparation of Vortioxetine Hydrobromide and its amorphous form.

(51) International classification	:A61K31/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ALEMBIC PHARMACEUTICALS LIMITED
(32) Priority Date	:NA	Address of Applicant : Alembic Research Centre, Alembic
(33) Name of priority country	:NA	Pharmaceuticals Limited, Alembic Road, Vadodara-390 003.
(86) International Application No	:PCT//	Gujarat, India. Gujarat India
Filing Date	:01/01/1900	(72)Name of Inventor:
(87) International Publication No	: NA	1)TOMER, Sanjiv
(61) Patent of Addition to Application Number	:NA	2)RANA, Piyush
Filing Date	:NA	3)KANZARIYA, Kamlesh
(62) Divisional to Application Number	:NA	4)KUMAR, Sumit
Filing Date	:NA	5)JAYARAMAN, Venkat Raman

(57) Abstract:

The present invention provides polymorphic forms of Vortioxetine of and its pharmaceutically acceptable salts. Specifically the present invention relates to the novel crystalline forms of Vortioxetine or its pharmaceutically acceptable salts. Moreover, the present invention also provides an amorphous form of Vortioxetine hydrobromide and a stable amorphous coprecipitate of Vortioxetine hydrobromide with pharmaceutically acceptable excipients.

No. of Pages: 58 No. of Claims: 26

(22) Date of filing of Application :28/04/2014

(43) Publication Date: 20/11/2015

(54) Title of the invention : A NOVEL PROCESS FOR GOSSYPOL REDUCTION AND NUTRITIVE QUALITY IMPROVEMENT IN COTTONSEED CAKE FOR ITS USE IN NON-RUMINANTS FEED

	:A61K9/00,	(71)Name of Applicant :
(51) International classification	A61K31/00,	1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH
	A61K31/18	(ICAR)
(31) Priority Document No	:NA	Address of Applicant :CENTRAL INSTITUTE FOR
(32) Priority Date	:NA	RESEARCH ON COTTON TECHNOLOGY, ADENWALA
(33) Name of priority country	:NA	ROAD, MATUNGA, MUMBAI-400019 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. MAGESHWARAN VELLAICHAMY
(87) International Publication No	: NA	2)DR. ARATI ARVIND KATHE
(61) Patent of Addition to Application Number	:NA	3)MR. NISHANT DIGAMBER KAMBLI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention describes a novel process for reduction of gossypol and improvement of nutritive quality in cottonseed cake for its use in non-ruminants. The process involves chemical disinfection of cottonseed cake followed by solid state fermentation using fungal cultures. The fermented CSK showed improved nutritional properties such as 60 to 70% reduced free gossypol, 50 to 60% reduced total gossypol, 30 to 40 % improved lysine content, 10 to 20 % improved protein and 20 to 30 % reduced fibre content compared to untreated cottonseed cake. The treatment of CSK using the proposed method improves protein digestibility and improves overall nutritional property of cottonseed cake. Thus the fermented cottonseed cake is a viable alternative to soybean meal as protein supplement in non-ruminants feed like poultry, fish, piggery etc.

No. of Pages: 8 No. of Claims: 1

(22) Date of filing of Application :08/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: POINT-OF-CARE DIAGNOSTIC KIT FOR RAPID DETECTION OF BRUCELLOSIS

(51) International classification	:C12Q1/02	(71)Name of Applicant:
(31) Priority Document No	:NA	1)PATRAVALE; VANDANA BHARAT
(32) Priority Date	:NA	Address of Applicant :PHARMACEUTICAL SCIENCES
(33) Name of priority country	:NA	AND TECHNOLOGY DEPARTMENT, INSTITUTE OF
(86) International Application No	:NA	CHEMICAL TECHNOLOGY (DEEMED UNIVERSITY),
Filing Date	:NA	NATHALAL PAREKH MARG, MATUNGA (EAST) MUMBAI
(87) International Publication No	: NA	400 019, INDIA Maharashtra India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PATRAVALE; VANDANA BHARAT
(62) Divisional to Application Number	:NA	2)VYAS; SWATI SUHAS
Filing Date	:NA	

(57) Abstract:

The present invention relates to a rapid diagnostic kit for the detection of Brucellosis in human beings and animals. More specifically, the present invention relates to a fast recognition bioanalytical point of care diagnostic kit for brucellosis based on detecting antibodies in liquid serological and non-serological samples which comprises of silica nanoparticles embedded with dyes as immunochromatographic indicators of antibodies that react with the antigens from Brucella spp. adhered to the. surface of the silica nanosystem. These are collectively integrated within the test strip as immunoreagents for detecting antibodies from samples and leading to appearance or non-appearance of detectable band along the test line as visible indications of presence or absence of Brucella spp. pathogens.

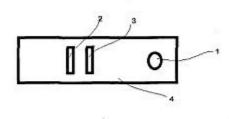


Figure No. 1

No. of Pages: 32 No. of Claims: 16

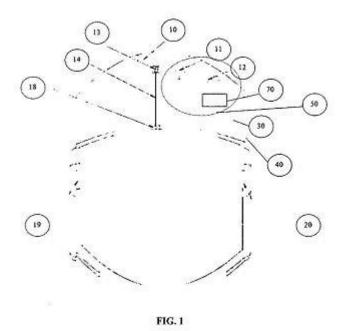
(22) Date of filing of Application :15/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: SMART HELMET

(51) International classification	:A42B3/30	(71)Name of Applicant:
(31) Priority Document No	:NA	1)KAMLESH NINAVE
(32) Priority Date	:NA	Address of Applicant :HOUSE NO. C-61, AAMRA VIHAR,
(33) Name of priority country	:NA	PHASE-III, NAYAPURA, KOLAR ROAD, BHOPAL - 462051,
(86) International Application No	:NA	MADHYA PRADESH, INDIA Madhya Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)KAMLESH NINAVE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Smart helmet is designed by incorporating wireless communication device, audio system and a wireless visor control system. According to the invention, Bluetooth transceiver is placed onto the helmet and allows complete integration of all Bluetooth compatible devices while being easily upgradable without the need to replace the helmet itself. Speakers are embedded at the inside walls of the helmet slightly above the ear positioning such that audio signals can reach driver and outside sounds of the environment can also be heard by the driver. And finally, remotely operable automatic visor control system is provided to facilitate hassle free driving.



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

(22) Date of filing of Application :23/04/2014

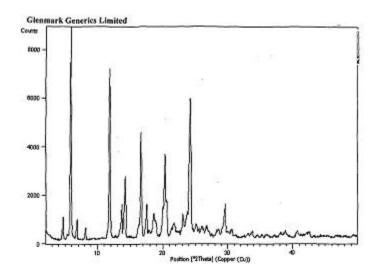
(43) Publication Date: 20/11/2015

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

(51) International classification	:A61K9/00, A61K31/00, A61K31/18, A61K3	Address of Applicant :GLENMARK GENERICS LIMITED, GLENMAR HOUSE, HDO-CORPORATE BLDG, WING-A, B.
(31) Priority Document No	:NA	D. SAWANT MARG, CHAKALA, ANDHERI (EAST),
(32) Priority Date	:NA	MUMBAI - 400099, INDIA Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)SHEKHAR BHASKAR BHIRUD
Filing Date	:NA	2)SAMIR NAIK
(87) International Publication No	: NA	3)AJAY KUMAR SHARMA
(61) Patent of Addition to Application Number	:NA	4)YOGESH BABURAO KAJALE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a process for the preparation of amorphous ticagrelor. The present invention relates to dimethyl formamide solvate of ticagrelor and process for its preparation.



No. of Pages: 29 No. of Claims: 10

(22) Date of filing of Application :02/05/2014

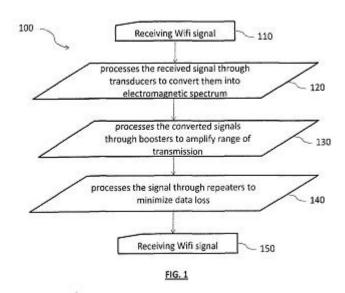
(43) Publication Date: 20/11/2015

(54) Title of the invention: WIRELESS ROUTER WITH IMPROVED RANGE AND A METHOD THEREOF.

:G01R31/08	(71)Name of Applicant:
:NA	1)AADITYA ANISH DAMANI
:NA	Address of Applicant :602 TEJAS HEIGHTS 6TH FLOOR,
:NA	OPPOSITE MATALAXMI PARK, SION EAST, MUMBAI
:NA	400022, INDIA Maharashtra India
:NA	2)ANISH USHAKANT DAMANI
: NA	(72)Name of Inventor:
:NA	1)AADITYA ANISH DAMANI
:NA	2)ANISH USHAKANT DAMANI
:NA	
:NA	
	:NA :NA :NA :NA :NA : NA :NA :NA

(57) Abstract:

The present invention relates to awireless router with improved signal range and a method thereof. In one embodiment the router comprising an antenna (receiver) for receiving radio frequency signals(Wi-Fi signals), a transducer to convert the radio frequency signals (Wi-Fi signals) into electromagnetic spectrum, an network booster to amplify the received electromagnetic spectrum to longer distances, a plurality of repeaters to process the amplified electromagnetic spectrum to reduce data lossanda converter to convert the electromagnetic spectrum to Wi-Fi signals.



No. of Pages: 22 No. of Claims: 5

(22) Date of filing of Application :02/05/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: APPARATUS FOR HALOGENATION OF POLYMER

 (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 	:C08F8/20, C08C19/14 :NA :NA :NA :PCT// :01/01/1900 : NA :NA :NA :NA	(71)Name of Applicant: 1)RELIANCE INDUSTRIES LIMITED Address of Applicant: 3rd Floor, Maker Chamber-IV, 222, Nariman Point, Mumbai-400021, Maharashtra, India. Maharashtra India (72)Name of Inventor: 1)MUNSHI PRADIP 2)INGLE NINAD 3)KAPADIA PRADEEP PARESH 4)JASRA RAKSH VIR
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(57) Abstract:

An apparatus for halogenation of a polymer is disclosed. The apparatus includes a reactor, at least one light source, a stirrer and a heater. The reactor contains a slurry of the polymer. The light source is disposed outside of the reactor at a distance ranging from 0.5 centimeter to 2 centimeters for facilitating irradiance of the slurry. The light source radiates a light of wavelength in the range of 250nm to 355nm. The stirrer is adapted to agitate the slurry. The heater is adapted to heat the slurry of the polymer. The blades on the stirrer and light source are arranged in such a way that slurry is maintained in uniform motion and reacted homogeneously to achieve desired conversion efficiently.

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

(22) Date of filing of Application :03/02/2014

(43) Publication Date: 20/11/2015

(54) Title of the invention: COAGULATION OF DYES FROM TEXTILE WASTEWATER USING NOVEL COAGULANT AND GENERATED DYE SLUDGE DECOLORIZATION USING BIOLOGICAL PROCESS SOLID STATE FERMENTATION.

 (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 	:C02F1/52, C02F 3/00 :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)PROF. SANJAY PRABHU GOVINDWAR Address of Applicant: DEPARTMENT OF BIOCHEMISTRY, SHIVAJI UNIVERSITY, KOLHAPUR- 416004 Maharashtra India (72)Name of Inventor: 1)PROF. SANJAY PRABHU GOVINDWAR 2)MR. AVINASH ASHOK KADAM
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(57) Abstract:

In this investigation, we have developed a coagulation process for textile wastewater decolorization using the novel coagulant. The dye sludge generated during coagulation process was decolorized using the biological process solid state fermentation. Scale up of coagulation process and biological process was carried out. Secondary pollutant sludge generation is most important drawback of coagulation process. Hence decolorization of dye sludge using biological process combines physical process coagulation and biological process solid state fermentation for textile wastewater treatment.

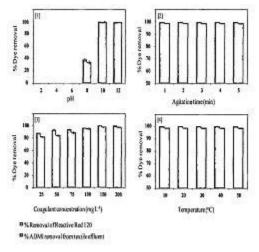


FIGURE 1-Optimization of congulation process parameters such as [1] pH, [2] Agitation time, [3] Congulant concentration, [4] Temperature

No. of Pages: 25 No. of Claims: 3

(22) Date of filing of Application :01/04/2014

(43) Publication Date: 20/11/2015

(54) Title of the invention: AIR CONDITIONED ENCLOSURE

(51) International classification	:F24F1/58	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PARMAR, VIRENDRA KARSHANBHAI
(32) Priority Date	:NA	Address of Applicant :B-21/2, SAFFRONY
(33) Name of priority country	:NA	APPARENTMENT, B/H H.P. PETROL PUMP, NEAR
(86) International Application No	:NA	SARKARI TUBEWELL, BOPAL-380058, AHMEDABAD,
Filing Date	:NA	GUJARAT, INDIA Gujarat India
(87) International Publication No	: NA	2)WADIYA, TEJAS JAGDISHBHAI
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PARMAR, VIRENDRA KARSHANBHAI
(62) Divisional to Application Number	:NA	2)WADIYA, TEJAS JAGDISHBHAI
Filing Date	:NA	

(57) Abstract:

The present subject matter provides air conditioned enclosure. The air conditioned enclosure comprises at least one frame for structurally supporting the air conditioned enclosure; an enclosure assembly; at least one air conditioner unit; at least one interlocking unit; an inlet; and an outlet. The enclosure assembly is characterized by attachable, detachable and foldable in nature. The subject matter further provides a process for manufacturing air conditioned enclosure.

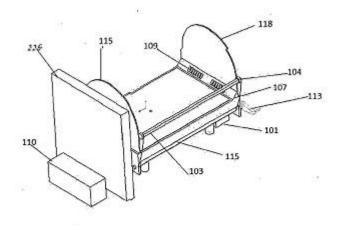


FIG.1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1400/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :18/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: AN OPTICAL FIBER HAVING REDUCED MACRO-BEND LOSSES

(51) International classification	·G02B6/036	(71)Name of Applicant:
(31) Priority Document No	:NA	1)STERLITE TECHNOLOGIES LTD
(32) Priority Date	:NA	Address of Applicant :E1/E2/E3, MIDC, Waluj, Aurangabad
(33) Name of priority country	:NA	Pin code - 431136, Maharashtra, India. Maharashtra India
(86) International Application No	:PCT//	(72)Name of Inventor:
Filing Date	:01/01/1900	1)WATEKAR Pramod
(87) International Publication No	: NA	2)BEZAWADA Nagaraju
(61) Patent of Addition to Application Number	:NA	3)LANKE Malleswarrao
Filing Date	:NA	4)BHATTACHARYA Archi
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An optical fiber having multi-slope refractive index profile to achieve the desired optical parameter values of the optical fiber, wherein the fiber comprises a core region divided into four sub-regions and a cladding region. The first, second, third and fourth sub-regions of the core region have slopes S0, S1, S2 and S3 respectively. Each of the slopes S0, S1, S2 and S3 are defined by the rate of change of relative refractive index of the corresponding sub-region as a function of the radius of the corresponding sub-region. The absolute values of the slopes S1, S2 and S3 satisfy the inequality, S2 > S1 > S3.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1401/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :18/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention : PROCESSES FOR PREPARATION OF ISOINDOLINE COMPOUND AND INTERMEDIATES THEREOF

(51) International classification	:A61K9/00, A61K31/00, A61K31/18	(71)Name of Applicant: 1)CADILA HEALTHCARE LIMITED Address of Applicant: CADILA HEALTHCARE LIMITED
(31) Priority Document No	:NA	ZYDUS TOWER, SATELLITE CROSS ROADS
(32) Priority Date	:NA	AHMEDABAD-380015 Gujarat India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:PCT//	1)DWIVEDI SHRI PRAKASH DHAR
Filing Date	:01/01/1900	2)SINGH KUMAR KAMLESH
(87) International Publication No	: NA	3)TANDON NITIN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

ABSTRACT PROCESSES FOR THE PREPARATION OF ISOINDOLINE COMPOUND AND INTERMEDIATES THEREOF • The present invention provides processes for the preparation of isoindoline compound and intermediates thereof. The present invention provides processes for the preparation of apremilast or its pharmaceutically acceptable salts, hydrates, solvates, polymorphs or intermediates thereof. The present invention also provides compound of Formula (IX), (X), (XI), (XII) and (XIII).

No. of Pages: 26 No. of Claims: 9

(21) Application No.1430/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :22/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention : AN AUTOMATED REGULATOR CIRCUIT TO CONTROL THE SPEED OF AN ELECTRICAL EQUIPMENT

(51) International classification	:H02J1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Shridhan Kasa
(32) Priority Date	:NA	Address of Applicant :60/611, Sector-2, CGS colony,
(33) Name of priority country	:NA	Antophill, Mumbai 400037, India Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Shridhan Kasa
(87) 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 with a fan regulator circuit which works on the principle of a potentiometer and controls the fan speed on the basis of the physical body temperature wherein the circuit comprises at least two resistor means (R1, R2) which senses and varies significantly with temperature wherein the difference in resistances of the said resistor means varies the firing angle of the triac and the speed of the fan automatically changes based on the temperature.

No. of Pages: 8 No. of Claims: 3

(22) Date of filing of Application :30/04/2014 (43) Publication Date : 20/11/2015

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

	:A61P19/04,	(71)Name of Applicant:
(51) International classification	A61P21/00,	1)IPCA LABORATORIES LIMITED
	C07D311/22	Address of Applicant :48, Kandivali Industrial Estate,
(31) Priority Document No	:NA	Charkop, Kandivali (West), Mumbai 400 067, Maharashtra,
(32) Priority Date	:NA	India. Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:PCT//	1)KUMAR, Ashok
Filing Date	:01/01/1900	2)BUCHI Reddy Reguri
(87) International Publication No	: NA	3)MORE, Kishor Ramdas
(61) Patent of Addition to Application Number	:NA	4)GUPTA, Leena
Filing Date	:NA	5)KASHID, Bharat Bhagvan
(62) Divisional to Application Number	:NA	6)PAWAR, Suhas Maruti
Filing Date	:NA	

(57) Abstract:

Disclosed herein is a process for preparation of Iguratimod. More particularly, the invention discloses novel process for preparation of intermediate, 3-amino-4-phenoxyanisole, useful in the preparation of Iguratimod.

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

(22) Date of filing of Application :04/05/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: Speaking Aids for Dumb Using Speech Synthesizer

	TTO 1D 1 (20)	7127
(51) International classification	:H04B 1/38	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Sandip Foundation TM s Sandip Institute of Technology &
(32) Priority Date	:NA	Research Centre
(33) Name of priority country	:NA	Address of Applicant :Sandip Institute of Technolog &
(86) International Application No	:PCT//	Research Centre, Mahiravani, Trimbak road, Nashik, Maharashtra
Filing Date	:01/01/1900	Maharashtra India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)Prof. G M Phade
Filing Date	:NA	2)Bishakha Chandak
(62) Divisional to Application Number	:NA	3)SANDHYA CHOURASIA
Filing Date	:NA	4)MEHANDI KESHARWANI

(57) Abstract:

Present invention provides a translational device for deaf-mute people using glove technology. The proposed technique has enabled the placement of three flex sensor, one tactile sensors and an accelerometer on to a glove. The results demonstrate that sensor glove design with tactile sensor helps to reduce the ambiguity among gestures and shows improved accuracy. Through these results, we wish to lead the production of a portable system that can be worn or carried by a deaf or hearing impaired individual that can translate customized Language into sound, in an efficient manner and it is a low cost and efficient system for blind and dump person. Sign language is a useful tool to ease the communication between the deaf or mute community and the world. So the deaf or mute people can use the gloves to perform sign normal people. The present invention aims to lower the communication gap between the deaf or mute community and the normal language and it will be converted in to speech so that normal people can easily understand. Following invention is described in detail with the help of Figure 1 of sheet 1 shows the block diagram of Deaf-Mute communication interpreter device, Figure 2 of sheet 1 shows the flow chart and Figure 3 of sheet 2 shows the circuit diagram of the system.

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

(22) Date of filing of Application :04/05/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: Offset Two Ball Burnishing Tool

(51) International classification	:B24B39/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Sandip Foundation™s Sandip Institute of Technology &
(32) Priority Date	:NA	Research Centre
(33) Name of priority country	:NA	Address of Applicant :Sandip Institute of Technology &
(86) International Application No	:PCT//	Research Centre, Mahiravani, Trimbak road, ashik, Maharashtra
Filing Date	:01/01/1900	Maharashtra India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)Anil Sureshchandra Maheshwari
Filing Date	:NA	2)Dr. Rupesh Ratnakar Gawande
(62) Divisional to Application Number	:NA	3)Dr. Udhhav Maroti Shirsat
Filing Date	:NA	

(57) Abstract:

Ball burnishing is a post machining process which involves plastic deformation under cold working condition by pressing a hard ball against the work piece surface which results in improved surface integrity of the material. We propose a tool that can mount on the cross slide of lathe and slide along the lathe bed; also balls are free to rotate in any direction, so that we can get better results. Two balls are used at 5 mm offset so that work piece cannot be bend and we can get two passes in a single stroke of tool. Calibrated spring is used to measure applied force. As we are using two passes in a single stroke of tool, we can get better surface integrity in less time. Following invention is described in detail with the help of figure 1 of sheet 1 showing side view of Offset Two Ball Burnishing Tool and figure 2 of sheet 1 showing exploded view of Offset Two Ball Burnishing Tool.

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

(21) Application No.1347/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :16/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: SYSTEM AND METHOD FOR STEREO OBJECT DETECTION AND DISTANCE COMPUTATION

 (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 	:H04L29/06 :NA :NA :NA :PCT// :01/01/1900 : NA :NA	(71)Name of Applicant: 1)Tata Consultancy Services Limited Address of Applicant: Nirmal Building, 9th Floor, Nariman Point, Mumbai 400021, Maharashtra, India Maharashtra India (72)Name of Inventor: 1)C R, Manoj 2)PATIL, Prabhudev
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present disclosure discloses a method and system for determining a distance between a vehicle and an object appearing in a path of the vehicle. A stereo camera coupled with the vehicle may capture left-image and right-image of an object in path of vehicle. Further, the left and the right image may comprise first-set of pixels and second-set of pixels respectively. Further, semi-global matching technique may be applied on the first-set and second-set of pixels by matching a subset of the first-set of pixels with a subset of the second-set of pixels, wherein the subset of the first set of pixels correspond to predefined rows and predefined columns in the first matrix. Based on matching, a disparity map is generated comprising disparity values. Further, system computes, using triangulation technique, distance between the object and the vehicle based on the disparity values, a focal length and baseline of the stereo camera.

No. of Pages: 28 No. of Claims: 7

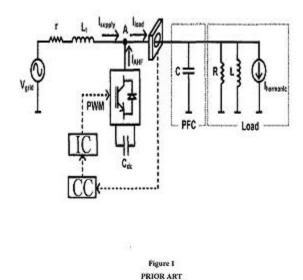
(22) Date of filing of Application :15/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: A SYSTEM FOR IMPROVED PERFORMANCE OF SHUNT ACTIVE HARMONIC FILTER IN PRESENCE OF PFC CAPACITORS.

(51) International classification	:H02J3/01	(71)Name of Applicant:
(31) Priority Document No	:NA	1)CROMPTON GREAVES LIMITED
(32) Priority Date	:NA	Address of Applicant :CROMPTON GREAVES LIMITED,
(33) Name of priority country	:NA	CG HOUSE, 6TH FLOOR, DR. ANNIE BESANT ROAD,
(86) International Application No	:NA	WORLI, MUMBAI - 400030, MAHARASHTRA, INDIA
Filing Date	:NA	Maharashtra India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)VAIDYA TUSHAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system for improved performance of shunt active harmonic filter in presence of power factor correction capacitors applied to a network, said system comprising: a harmonic signal current signal injecting mechanism in order to inject a harmonic current signal with a pre-determined magnitude and a pre-determined phase angle; a sensing mechanism adapted to sense response; an odd harmonic extraction mechanism adapted to extract odd harmonic current signal; a first and second even harmonic reference generation mechanism in order to generate a first and second even harmonic reference signal, by injecting at least a first and second even harmonic, corresponding to said extracted odd harmonic current signal, in that, said first even harmonic reference generation mechanism generating a preceding even harmonic current signal and said second even harmonic reference generation mechanism generating a successive even harmonic current signal; magnitude and phase lag computation mechanism in order to compute magnitude and phase angle lag, for said extracted odd harmonic, based on sensed current data; a plotting mechanism adapted to plot magnitude and phase angle lag for each of said injected first and second even harmonic reference signals; an interpolation mechanism in order to interpolate a compensation magnitude and phase angle for said extracted odd harmonic signal from said plotted data; a phase addition mechanism in order to add compensatory interpolated phase angle for said extracted odd harmonic signal; and a current control mechanism in order to control current in said network based on said compensatory phase lag and magnitude.



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

(22) Date of filing of Application :22/04/2014

(43) Publication Date: 20/11/2015

(54) Title of the invention: NOVEL PROCESS FOR PREPARATION OF MIRABEGRON AND IT'S INTERMEDIATE

(51) International classification	A61K31/00, A61K31/18,	LTD.
(31) Priority Document No	A61K3 :NA	Address of Applicant :2, MARWAH'S COMPLEX, SAKIVIHAR ROAD, SAKINAKA, ANDHERI (E), MUMBAI-
(32) Priority Date	:NA	400 072, MAHARASHTRA, INDIA Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)PRASHANT BODKHE
Filing Date	:NA	2)RAVI JANNI
(87) International Publication No	: NA	3)SUBHASH NAMAGE
(61) Patent of Addition to Application Number	:NA	4)RAJESH DAVE
Filing Date	:NA	5)GOPALKRISHNA SHENOY
(62) Divisional to Application Number	:NA	6)LAL, BANSI
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

No. of Pages: 26 No. of Claims: 9

The present invention related to a novel process for preparation of Mirabegron of formula (I) and its intermediate.

(22) Date of filing of Application :28/04/2014

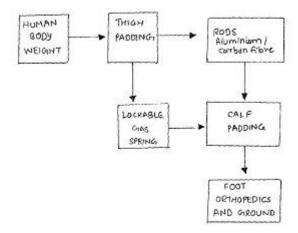
(43) Publication Date: 20/11/2015

(54) Title of the invention: IMPROVED ORTHOPEDIC BRACE WITH GAS SPRING

 (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 	:A63B69/00, A63B21/008 :NA :NA :NA :NA :NA : NA : NA :NA :NA	(71)Name of Applicant: 1)PRASHANT RAMDAS JAGTAP Address of Applicant:PLOT NO. 17, 'GOVIND', OPP. SOMESHWAR TEMPLE, CHAVANNAGAR, CHANDANNAGAR, PUNE-411014, MAHARASHTRA, INDIA. Maharashtra India (72)Name of Inventor: 1)PRASHANT RAMDAS JAGTAP 2)NILAM PRAKASH SHINDE 3)KRISHNA BHASKAR BORUDE 4)SHREYAS DEEPAK TAPAS
Filing Date	:NA	

(57) Abstract:

The device consists of an orthopedic brace with a gas spring which helps the patient to stand and sit accordingly. While about to sit, the weight of body is taken by the gas spring and thus, it gets compressed and wearer can sit gradually. It can be locked by a knob provided above gas spring and flexion is completed. Similarly, while about to stand, the knob is pressed or even a gentle push by hand allows the gas spring to expand. Thus, extension is completed and the patient can stand with additional push. The gas spring takes the weight of wearer and gradually lifts until he/she stands. It can be locked at any desired position and angle. The effective life and maximum mobility of the knee is thus extended. Prolonged or even frequent crouching or squatting can be performed without the tiring out of the knee joint, discomfort, pain or damage to the knee.



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

(22) Date of filing of Application :25/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: APPARATUS FOR COOLING

(51) International classification	·H0183/04	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INNOMINE HOLDING PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant: 17 ZAKARIA INDUSTRIAL
(33) Name of priority country	:NA	PREMISES, CO-OP SOCIETY LTD, MAROL MAROSHI
(86) International Application No	:NA	ROAD, MAROL, MUMBAI - 400059, MAHARASHTRA,
Filing Date	:NA	INDIA Maharashtra India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)ASHWIN SHETTY
Filing Date	:NA	2)ASHOK SHETTY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is the cooling device. The cooling device may comprise a tray with a hollow structure having four walls and a bottom, contained within an insulated housing, wherein the tray is configured to contain a fluid medium. Further an impeller(s) mounted in the tray, wherein the impeller is configured to have a rotary motion. The cooling device may further comprise at least one holder disposed inside the tray, wherein at least one holder is mechanically coupled to the impeller(s). A condensing unit mounted below the tray. Further, at least one evaporator coil disposed inside the tray and connected with the condensing unit. The cooling device may further comprise a plurality of sensors placed in the tray, wherein the plurality of sensor are configured to sense and determine a first temperature and a second temperature.

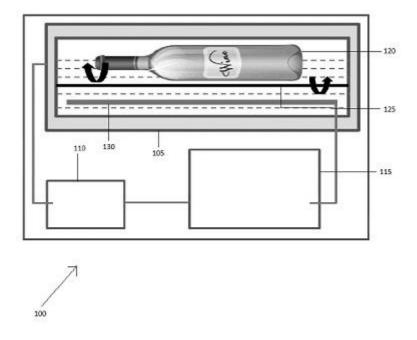


Figure 1

No. of Pages: 19 No. of Claims: 15

(22) Date of filing of Application :05/05/2014

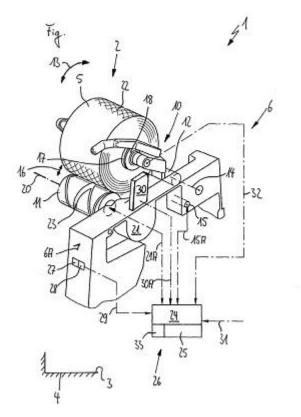
(43) Publication Date: 20/11/2015

(54) Title of the invention: METHOD FOR ADJUSTING A ROTATION ANGLE POSITION OF A CREEL, WHICH ROTATABLY MOVABLY HOLDS A BOBBIN, A TEXTILE MACHINE PRODUCING BOBBINS WITH A PLURALITY OF WINDING HEADS AND USE OF A STEPPING MOTOR DRIVING A CREEL

 (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 	:B65H54/54 :102013009652.9 :08/06/2013 :Germany :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)SAURER GERMANY GMBH & CO. KG Address of Applicant: LEVERKUSER STRASSE 65, 42897 REMSCHEID, GERMANY Germany (72)Name of Inventor: 1)Flamm, Franz-Josef 2)Mund, Manfred 3)Reimann, Michael
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(57) Abstract:

The invention relates to a method for adjusting a rotation angle position of a creel (10), which rotatably movably holds a bobbin (2, 5), on winding heads (1) of a textile machine (3) producing bobbins (2, 5), wherein a rotation angle basic position of the creel is adjusted at the winding heads (1) in that the creel (10) is moved into a desired position and an actual distance is thereby produced between the creel (10) and the drive roller (11), and in that upon a deviation between the actual distance and a desired distance, a correction value is determined, the correction value being stored and used for future winding processes in the event of a critical deviation.



No. of Pages: 20 No. of Claims: 11

(22) Date of filing of Application :05/05/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: MULTI RIB POLY V TYPE PULLEY DRIVE FOR POWER LOOM MACHINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:F16H55/56, F16H55/32 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)BHUSHAN MOHAN PHADKE Address of Applicant: WARD NO. 4, HOUSE NO. 384, 'DATTA KRUPA' NIVAS, OPP. VITTHAL MANDIR, GAON BHAG, AT & POST ICHALKARANJI - 416 115 TAL: HATKANANGALE DIST: KOLHAPUR Maharashtra India
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA	(72)Name of Inventor: 1)BHUSHAN MOHAN PHADKE

(57) Abstract:

The present invention provides the poly v multi rib pulley and the belt of the present invention comprises a front side of the pulley (1) and the back side of the pulley (2), the said front and the back side connected by a solid mass in which the axel is embedded through a hole (not shown in the diagram) at the other end of the pulley there being plurality of grooves (6) for holding V shape belt, the said belts having a flat end (7) and plurality of tapering V shaped ends (8) at the other side, the tapering V ends (8) of the belt being trapezoid/triangular or of any adaptable fitting in said grooves (6) of the poly v pulley.

No. of Pages: 12 No. of Claims: 2

(22) Date of filing of Application :31/03/2014

(43) Publication Date: 20/11/2015

(54) Title of the invention : DELAYED COKING PROCESS WITH REDUCED COKE YIELD USING LIQUID PHASE ADDITIVE

		(71)Name of Applicant :
		1)Indian Oil Corporation Ltd.
		Address of Applicant :G-9, Ali Yavar Jung Road, Bandra
(51) Intermetional alassification	:C10G9/00,	(East), Mumbai-400 051, India Maharashtra India
(51) International classification	C10B55/00	(72)Name of Inventor:
(31) Priority Document No	:NA	1)DAS, Satyen Kumar
(32) Priority Date	:NA	2)PRADEEP, Ponoly Ramachandran
(33) Name of priority country	:NA	3)PRASAD, Terapalli Hari Venkata Devi
(86) International Application No	:NA	4)DIXIT, Jagdev Kumar
Filing Date	:NA	5)THAPA, Gautam
(87) International Publication No	: NA	6)THAKUR, Ram Mohan
(61) Patent of Addition to Application Number	:NA	7)SHARMA, Vinod Kumar
Filing Date	:NA	8)BHATTACHARYYA, Debasis
(62) Divisional to Application Number	:NA	9)PURI, Suresh Kumar
Filing Date	:NA	10)GUPTA, Anurag Ateet
-		11)KUMAR, Brijesh
		12)DAS, Biswapriya
		13)MALHOTRA, Ravinder Kumar

(57) Abstract:

The present invention relates to a liquid phase additive comprising an alkyl nitrate; a petroleum sulphonates; an aliphatic, aromatic, cyclohexylamines or hetroalkylated lower amines; a hindered phenol based compounds; a phosphate esters and an aliphatic alcohols for use in delayed coking process with decreased coke yield and increased yield of liquid and/or gaseous product and a process for preparing the liquid phase additive. The present invention also relates to a process for thermal cracking of petroleum residue producing petroleum coke and lighter hydrocarbon products by using liquid phase additive.

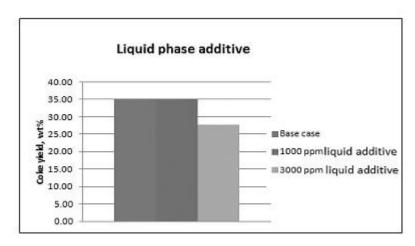


Figure 1

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

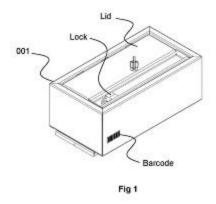
(22) Date of filing of Application :31/03/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: AUTOMATIC LOCKER SYSTEM

 (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 	:G0/F//00, G07C9/00 :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)Precision Automation & Robotics India Ltd Address of Applicant: Gat No. 463A, 463B, 464, Village Dhangarwadi, Taluka Khandala, District Satara 412801, Maharashtra, India Maharashtra India (72)Name of Inventor: 1)Ranjit Date 2)Govind Oza
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An automated safety locker system is disclosed herein which is characterized in having an non-institution based implementation in an kiosk environment by advantageous integration of robotics for secure transactions marked by high fidelity of operations.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1387/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :17/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: Modified Release Oral dosage form for the treatment of migraine

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A61K31/365, C07D261/04 :NA :NA :NA	(71)Name of Applicant: 1)Ramanbhai Patel College of Pharmacy Address of Applicant: Charotar University of Science and Technology, CHARUSAT Campus, Changa-388421, Taluka: Petlad, District: Anand, Gujarat, India Gujarat India
(86) International Application No	:PCT//	(72)Name of Inventor:
Filing Date	:01/01/1900	1)Dr. Rajesh Harshadray Parikh
(87) International Publication No	: NA	2)Bhavin Kiritbhai Patel
(61) Patent of Addition to Application Number	:NA	3)Jigar Kamabhai Desai
Filing Date	:NA	4)Bhavin Rameshchandra Rathod
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to the formulation of pharmaceutical compounds. More particularly directed to the method of preparation thereof and pharmaceutical composition comprising novel oral modified release pellets of rizatriptan benzoate.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1409/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :18/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: PHARMACEUTICAL COMPOSITIONS COMPRISING ANTIBACTERIAL AGENTS

(9/00, (71)Name of Applicant :
31/00, 1)WOCKHARDT LIMITED
Address of Applicant :D-4, MIDC Area, Chikalthana,
Aurangabad Maharashtra India
(72)Name of Inventor:
1)Bhagwat,Sachin
2)Patel,Mahesh Vithalbhai
1/1900

(57) Abstract:

Pharmaceutical compositions comprising aztreonam or a pharmaceutically acceptable derivative, and a compound of Formula (I) or a stereoisomer or a pharmaceutically acceptable derivative thereof are disclosed.

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

(22) Date of filing of Application :29/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: AN INTELLIGENT PROJECT MANAGEMENT SYSTEM

 (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 	:NA :NA :NA :NA :NA	(71)Name of Applicant: 1)KUNTE UJWAL ANAND Address of Applicant:1160/5 GHARPURE COLONY, NEAR HARDIKAR HOSPITAL, SHIVAJINAGAR, PUNE 411004, MAHARASHTRA, INDIA. Maharashtra India (72)Name of Inventor: 1)KUNTE UJWAL ANAND
(87) International Publication No (61) Patent of Addition to Application Number Filing Date	: NA :NA :NA	1)KUNTE UJWAL ANAND
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An intelligent project management system and method is implemented to generate real time schedule of project completion, inventories, alerts, a critical path associated with at least one activity, the activity comprising at least one sub-activity group, the sub-activity group being associated with at least one sub-activity. Merely logging in a start date of the project and completion of sub-activities, enables generation of the critical path in real time and periodic updating of the system ensures intelligent project management in real time at any stage of the project.

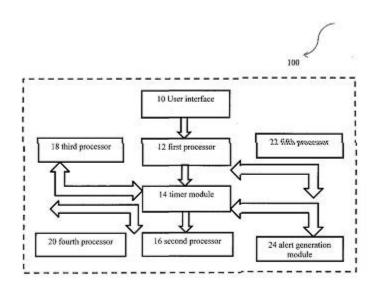


FIGURE 1

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

(22) Date of filing of Application :25/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: 'A WHITE BOARD MARKER PEN FOR SMOOTH WRITING ON INCLINED ADVERTICAL SURFACES'

	D 424/27/00	
(51) International classification	:B43K27/08	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DR. HARISH UMASHANKAR TIWARI
(32) Priority Date	:NA	Address of Applicant :PIMPRI CHINCHWAD COLLEGE OF
(33) Name of priority country	:NA	ENGINEERING, SECTOR 26, PRADHIKARAN NIGDI, PUNE-
(86) International Application No	:NA	411044, MAHARASHTRA STATE. Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DR. HARISH UMASHANKAR TIWARI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A white board marker pen is designed for writing on inclined and vertical planes or surfaces, the said pen has an additional ink storage space attached to the pen, the said additional storage for ink is inclined when pen is horizontal. The ink is stored in inclined storage in conventionally used pad or refill, the said refill keeps on supplying ink when pen is writing on inclined or vertical surfaces, the said attachment is an alteration in a conventional whiteboard marker pen as shown in figure in complete specification section, the said refill is in addition to the main refill used in a conventional pen, when the said pen is writing on vertical surface the supply of ink from main refill is difficult as it will be against gravity, the supply of ink is insuch case from inclined refill, the inclined storage space is attached to the body of a conventional pen in such a way that it improves the grip of the pen, the said pen will cost 20 to 30 % more than a conventional marker pen, the said pen gives continue and smooth writing on horizontal, inclined or vertical surfaces.

COMPLETE SPECIFICATION

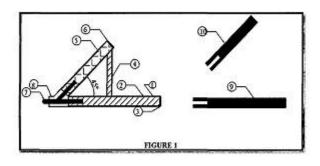


FIGURE 1

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

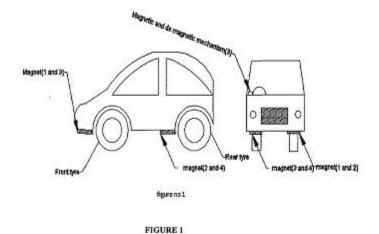
(22) Date of filing of Application :25/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: A SYSTEM FOR REDUCTION OF PUNCTURE IN AUTOMOBILES TYRES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B60C23/02, B60G11/27 :NA :NA :NA :NA	(71)Name of Applicant: 1)SANJAY PRAKASH SALVE Address of Applicant: PIMPRI CHINCHWAD COLLEGE OF ENGINEERING, SECTOR- 26, PRADHIKARAN NIGDI, PUNE-411044, MAHARASHTRA STATE. Maharashtra India 2)DR. HARISH UMASHANKAR TIWARI (72)Name of Inventor:
(87) International Publication No	: NA	1)SANJAY PRAKASH SALVE
(61) Patent of Addition to Application Number	:NA	2)DR. HARISH UMASHANKAR TIWARI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system for reducing chances of puncture in automobiles, in the said system a technique is proposed, in which magnets are placed before the wheels of automobiles, said automobiles can be a two wheeler or a four wheeler. It is observed that tire of automobile get punctures mainly because of nails on the road, in the said system when magnets are placed before the tires, the said magnets attract nails from the road the nails will not come in contact with tires. The said technique will eliminate need of extra tire or stepney, this will reduce the overall cost and weight of the automobiles, further the time lost for removal of puncture is also saved. The number of magnets required in a two wheeler is two and in a four wheeler is four, the said magnets are to be placed in such a way that magnet should not touch the road at the same time it should attract nail or pointed steel materials from the road.



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

(21) Application No.1380/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :16/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention : SOLAR BRANCH CONNECTORS FOR CONNECTING SOLAR PANELS TO POWER STORAGE SYSTEMS

(31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :PCT//	Address of Applicant: 3, Shantivan Society, Makarpura Road, Vadodara 390 010, Gujarat, India. Gujarat India (72)Name of Inventor: 1)RAY VIPUL JAYANTILAL
Filing Date :01/01/1 (87) International Publication No : NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA Filing Date :NA	, , , , , , , , , , , , , , , , , , ,

(57) Abstract:

The present disclosure discloses a solar branch connector that includes an external insulation body, at least one first internal branch contact element and a plurality of second internal contacts. The external insulation body has at least two first branches protruding from one portion of the external insulation body, for facilitating connection to at least one solar panel, and at least one second branch protruding from another portion of the external insulation body, for facilitating connection to at least one power storage system. The first internal branch contact element integrally formed in the external insulation body and facilitates electrical contact between the solar panel and the power storage system for facilitating receiving power from the solar panel and transmitting the power to the power storage system. The plurality of second internal contacts is integrally connected to at least one of the first branches and the second branch.

No. of Pages: 27 No. of Claims: 6

(22) Date of filing of Application :25/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention : SYNTHESIS OF HETEROCYCLIC COMPOUNDS BY COPPER CATALYZED CARBON-HETEROATOM BOND FORMATION

 (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 	A61K31/00, A61K31/18, A61K3 :NA :NA :NA :NA :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 methods for the synthesis of heterocyclic compounds by copper catalyzed carbon-heteroatom bond formation. In certain embodiments, the present invention relates to copper-catalyzed process for carbon-oxygen bond formation involving amide and phenol. In certain embodiments, the present invention relates to copper catalyzed process for carbon-nitrogen bond formation involving amide and aniline. The present invention also relates to improved methods for preparing pharmaceutically relevant heterocycles such as dihydro-oxazinone derivatives and dihydro-pyrimidinone derivatives.

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

(21) Application No.1410/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :18/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: ELECTROMAGNETIC SHIELDING OF A STRAIN GAUGE IN A WIND POWER INSTALLATION

(51) International classification(31) Priority Document No(32) Priority Date	:G01L5/00, G01L5/16 :NA :NA	(71)Name of Applicant: 1)KHARKAR Ashish Bhimrao Address of Applicant: Malipura, Near Dagadi Pul, Kolhapuri Gate, Amravati - 444601 Maharashtra Maharashtra India
(33) Name of priority country (86) International Application No	:NA :PCT//	2)KULKARNI OmPrakash Ganpatrao 3)MEHRA Yogesh Jogindernath
Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:01/01/1900 : NA :NA	(72)Name of Inventor : 1)KHARKAR Ashish Bhimrao 2)KULKARNI OmPrakash Ganpatrao
Filing Date (62) Divisional to Application Number	:NA :NA :NA	3)MEHRA Yogesh Jogindernath
Filing Date	:NA	

(57) Abstract:

The present subject matter relates to a wind power installation having a strain gauge (100) mounted on the wind power installation for measuring stresses on the wind power installation. The wind power installation further includes an electromagnetic shielding tape (602) wrapped around the strain gauge (100) for shielding the strain gauge (100) against at least one of static charges and lightning strikes. Further, the electromagnetic shielding tape (602) includes an electrically conductive material, a magnetically conductive material, and a self adhesive coating.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1411/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :19/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: PULSATION DAMPENING ASSEMBLY

(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	:NA :NA :NA	(71)Name of Applicant: 1)EMERSON CLIMATE TECHNOLOGIES, INC. Address of Applicant:1675 West Campbell Road, Sidney, Ohio 45365, USA. U.S.A. (72)Name of Inventor: 1)UTPAT, Ajay 2)MOGAL, Prashant 3)JUGE, Vinayak 4)BUTLER, Brian
(62) Divisional to Application Number	:NA :NA :NA	4)BUILER, Brian

(57) Abstract:

Pulsation dampening assembly for compressors for dampening discharge pressure pulsations occurring due to discontinued nature of compressed refrigerant flow. The assembly is disposed in an outlet port configured in a housing of a compressor. The assembly comprises a cylindrically shaped insert comprising a through-hole in the wall of the insert, a pair of helical springs co-axially spaced apart within the through-hole and a pulsating disc positioned between the pair of helical springs in the through-hole. Compressed refrigerant discharged from a compressing means of the compressor hits the pulsating disc and pushes it against the spring force. The pulsating force exerted by discharged refrigerant will be opposed by the springs and the pulsation energy will be absorbed by the springs thereby reducing discharge pulsations.

No. of Pages: 36 No. of Claims: 11

(22) Date of filing of Application :24/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: Automatic Vehicle-Park Management System Using Wireless Sensor Network

 (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 	:G07F17/24, G07B15/02 :NA :NA :NA :PCT// :01/01/1900	Road, Hadapsar, PUNE-28 Maharashtra India 2)Manisha Sunil Bhende 3)Akshata Regundwar 4)Pooja Patil 5)Shubhangi Madikhambe 6)Shilpa Ravate
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	(72)Name of Inventor : 1)Sanjeev Wagh
Filing Date (62) Divisional to Application Number	:NA :NA	2)Manisha Sunil Bhende 3)Akshata Regundwar
Filing Date	:NA	4)Pooja Patil 5)Shubhangi Madikhambe 6)Shilpa Ravate

(57) Abstract:

WSN which stands for Wireless Sensor Network basically work on its own law that is WSN is sovereign. WSN has various abilities such as reckoning; sensing and wireless communication .WSN also helps to measure surrounding conditions like sound pollution level, humidity, wind, temperature etc. Vehicle-park management systems operate by monitoring the availability of Vehicle-parking spaces and making that information Available to customers and facility administrators. The prototype contains system architecture, software, hardware including its implementation phase. Our goal is to construct a Vehicle park system which is equipped with sensors and which provides surveillance.

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

(22) Date of filing of Application :08/04/2014

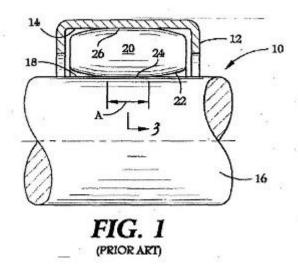
(43) Publication Date: 20/11/2015

(54) Title of the invention: AN IMPROVED ROLLER BEARING WITH ENHANCED STRESS BEARING CAPACITY

(#4) T	T1 571 7 100	71.33
(51) International classification	:F16J15/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)NRB BEARINGS LTD
(32) Priority Date	:NA	Address of Applicant :POKHRAN ROAD - 2, MAJIWADE
(33) Name of priority country	:NA	THANE [WEST] 400 610 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MR. CHARLES SHATTUCK
(87) 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 roller bearing system comprising a rolling element having a cylindrical outer raceway; said rolling element is housed inside an outer ring to the bearing system; said outer ring having an inner and an outer diameter surface, is connected to a rotatable shaft from one end, said inner diameter surface of the outer ring having a non-symmetric convex shaped profiling facing the rolling element to facilitate maximum contact area during any operational condition.



No. of Pages: 33 No. of Claims: 7

(22) Date of filing of Application :03/04/2014

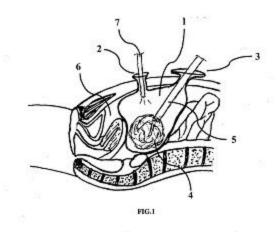
(43) Publication Date: 20/11/2015

(54) Title of the invention: TISSUE ISOLATOR

(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 : N	:A61B19/08 :NA
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(57) Abstract:

A biocompatible tissue isolator is used to isolate and extract tissue during a surgical procedure. A method of using the tissue isolator for isolating and extracting morcellated tissue during the surgery.



No. of Pages: 55 No. of Claims: 14

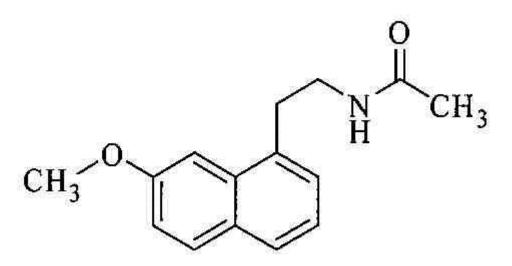
(22) Date of filing of Application :21/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: AN IMPROVED PROCESS FOR THE PREPARATION OF AGOMELATINE

 (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 	:A61K9/00, A61K31/00, A61K31/18, A61K3 :NA :NA :NA :NA :NA :NA :NA :NA :NA	,
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(57) Abstract:

The present invention relates to an improved process for preparation of Agomelatine, as represented in Formula I.



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

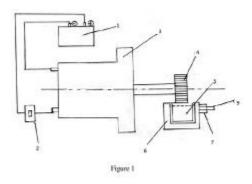
(22) Date of filing of Application :30/03/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: AUTOMATIC FUEL TANK CAP OPENING SYSTEM FOR TWO WHEELER

		(71)Name of Applicant:
		1)Prof. Dr. Narendra Rambhauji Borkar
		Address of Applicant :Shivlahri Complex, Near Chitra Takies
(51) International alossification	:B60K15/04,	Old C.M Road, Amravati 444601, Maharashtra. Maharashtra India
(51) International classification	B65D51/00	2)Mr. Rajat Sureshrao Bobade
(31) Priority Document No	:NA	3)Mr. Pawan Vilasrao Shrikhande
(32) Priority Date	:NA	4)Mr. Sheikh Rajik Sher Mohammad
(33) Name of priority country	:NA	5)Mr. Jayesh Dnyashwarrao Wadhai
(86) International Application No	:NA	6)Mr. Prashik Krushnarao Walmike
Filing Date	:NA	7)Pundlik Janrao Thakare
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)Prof. Dr. Narendra Rambhauji Borkar
Filing Date	:NA	2)Mr. Rajat Sureshrao Bobade
(62) Divisional to Application Number	:NA	3)Mr. Pawan Vilasrao Shrikhande
Filing Date	:NA	4)Mr. Sheikh Rajik Sher Mohammad
		5)Mr. Jayesh Dnyashwarrao Wadhai
		6)Mr. Prashik Krushnarao Walmike
		7)Pundlik Janrao Thakare

(57) Abstract:

In two wheelers some few years ago we have to open the lock or cap of fuel tank manually and this process required more time as well as it increases the effort of human being. When we open the lock or cap of fuel tank we have to hold it in our hand. But after a period of time the lock or cap of fuel tank get corroded and starts to wear. Hence this lock or cap will be very difficult to get affixed. Therefore the present invention tried to bring a new device or mechanism of automatic fuel tank cap opening system in this system we have to cut off our two wheeler engine ignition but there is no need to remove the key from handle. The main benefit of the design is that it requires minimal effort, less time and the most important factor is that we donTMt need to put the key in the lock again and again. After successful testing of the design, we conclude that our design has been approved successfully with optimum result and healthy operation. Following invention is described in detail with the help of Figure 1 of sheet 1 shows the front view, Figure 2 of sheet 1 shows right hand side view and Figure 3 of sheet 2 shows the top view of the present invention.



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

(21) Application No.1484/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :28/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention : FORMULATION FOR TREATMENT OF PARKINSONISM AND PROCESS OF PREPARATION THEREOF

(57) Abstract:

Disclosed is a process of preparation of formulation for treatment of Parkinsonism. The process includes dissolving 1 gm of MPTP in 9 gms by weight of distilled water to form a mother solution. The potency of mother solution is 1/10. The process further includes potentiating of the mother solution by taking 10 parts (10 minim) of mother solution and adding to it 90 parts by weight (ninety minims) of distilled water to form second solution. The process furthermore includes shaking vigorously the second solution for at least 10 minutes to forms a solution of first potency. Finally, the process includes preparing subsequent potencies with 1 part (1 minim) of the first potency solution and ninety-nine parts of dispensing alcohol and shaking the solution to form the formulation. Similar process of preparation of formulation can be employed for treatment of amyotrophic Lateral Sclerosis (commonest form of MND).

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

(22) Date of filing of Application :09/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: A METHOD FOR THE PRODUCTION OF CYCLOPROPANE DERIVATIVES.

(51) International classification	:A61K9/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ASTEE LIFESCIENCES LTD
(32) Priority Date	:NA	Address of Applicant :ELITE SQUARE, 7TH FLOOR,
(33) Name of priority country	:NA	PERIN NARIMAN STREET, FORT, MUMBAI - 400 001,
(86) International Application No	:NA	MAHARASHTRA, INDIA Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DHAKANE VALMIK
(61) Patent of Addition to Application Number	:NA	2)HIREMATH ASHOK
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A process for the preparation of cyclopropane derivatives useful as chemical intermediates in the preparation of agricultural products, said process comprising a. preparing Grignard reagent by treating the compound of formula (I) with Magnesium turning in dry solvent under in an inert atmosphere at reflux temperature; b. preparing compound of formula (III) by treating the Grignard reagent with aldehyde of formula (II) in presence of dry solvent at reflux temperature to obtain the compound of formula (III); and c. preparing compound of formula (IV) by subjecting the compound of formula (III) to oxidation in presence of catalyst and solvent to obtain the compound of formula (III); Wherein X: -C1 (Chloro), Br (Bromo), I (10do), etc and R1 is C1 to C5 straight or branched chain aliphatic alkyl group.

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

(21) Application No.1393/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :17/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: PROCESS FOR PREPARATION OF MESALAMINE COMPOSITION AND MESALAMINE COMPOSITION THEREOF

A61K9/00, A61K31/00, A61K31/18	,
NA	Sahar International Airport Road, Andheri (East), Mumbai
NA	400059, India Maharashtra India
NA	(72)Name of Inventor:
PCT//	1)Mr. Mahendra B. Chaudhari
01/01/1900	2)Mr. Jagdish S. Wadhwani
NA	3)Mr. Nitin P. Nehete
NA	
NA	
NA	
NA	
	A61K31/00, A61K31/18 NA NA NA PCT// D1/01/1900 NA NA NA

(57) Abstract:

ABSTRACT PROCESS FOR PREPARATION OF MESALAMINE COMPOSITION AND MESALAMINE COMPOSITION THEREOF A process for preparation of a mesalamine composition, comprising: preparing a first drug layering suspension comprising mesalamine; performing a first drug layering in the fluid bed coater to form first drug layered pellets; preparing a seal coating suspension; performing the seal coating in the fluid bed coater on the first drug layered pellets to form seal coated pellets; preparing a second drug layering suspension comprising mesalamine; performing the second drug layering in the fluid bed coater on seal coated pellets to form second drug layered pellets; preparing an extended release coating suspension; performing the extended release coating in the fluid bed coater on the second drug layered pellets to form extended release pellets; preparing a color coating suspension; performing the color coating in the fluid bed coater on the extended release pellets to form color coated pellets; and lubricating the color coated pellets to form mesalamine pellets. FIG. 1

No. of Pages: 63 No. of Claims: 18

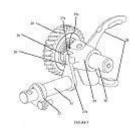
(22) Date of filing of Application :28/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: A GEAR SHIFTER ARRANGEMENT

 (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 	:NA :NA :NA :NA :NA : NA :NA	(71)Name of Applicant: 1)DEERE & COMPANY Address of Applicant:ONE JOHN DEERE PLACE, MOLINE, ILLINOIS, 61265-8098, USA U.S.A. (72)Name of Inventor: 1)JADHAV PRAVIN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention discloses a gear shifter arrangement configured within a transmission case to switch transmission of input torque from an input shaft to an output shaft through respective gears associated therewith. An idler gear (20) is rotatably supported on an idler shaft (18) which is fixedly mounted on the transmission case. At least one shifter fork, having a hub (29) with a pair of radially extending gripping elements (28), is slidably mounted on the idler shaft (18). The shifter fork adapted to be slidably displaced on the idler shaft (18) by a linkage mechanism cooperating with a gear actuator.



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

(22) Date of filing of Application :02/05/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: MODIFIED CEMENT COMPOSITION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:C09K8/473, C04B28/02 :NA :NA :NA	(71)Name of Applicant: 1)RELIANCE INDUSTRIES LIMITED Address of Applicant: 3rd Floor, Maker Chamber - IV 222, Nariman Point, Mumbai - 400021 Maharashtra, India. Maharashtra India (72)Name of Inventor:
Filing Date (87) International Publication No	:01/01/1900 : NA	1)GAJELLI CHANDRAMOULI GANGARAM 2)KELKAR ANIL KRISHNA
(61) Patent of Addition to Application Number	:NA	3)GURUDATT KRISHNAMURTHY
Filing Date (62) Divisional to Application Number	:NA :NA	4)NIKAM SURESH BHANUDAS 5)BHANGALE VIKAS KADU
Filing Date	:NA	

(57) Abstract:

The present disclosure relates to a modified cement composition and a process for its preparation. The composition of the present disclosure includes cement in an amount ranging from 50 % to 90 % of the total mass of the composition, asbestos fibers in an amount ranging from 1 % to 10 % of the total mass of the composition and modified polyester fibers in an amount ranging from 0.1 % to 1.0 % of the total mass of the composition. The present disclosure also relates to an article prepared from the modified cement composition of the present disclosure.

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

(21) Application No.1352/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :15/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF 1, 2-DIALKYLPYRIDAZINE-3, 6-DIONES UNDER MICROWAVE IRRADIATION.

(51) International classification	:A61K31/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DR. M. M. V. RAMANA
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF CHEMISTRY,
(33) Name of priority country	:NA	UNIVERSITY OF MUMBAI, VIDYANAGARI, SANTACRUZ
(86) International Application No	:NA	(EAST), MUMBAI-400 098, INDIA. Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DR. M. M. V. RAMANA
(61) Patent of Addition to Application Number	:NA	2)DR. SANJAY C. PAWAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

This invention describes the synthesis of 1, 2-dialkylpyridazine-3, 6-diones by Chapman rearrangement of 3, 6-dialkoxypyridazines under microwave irradiation.

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

(21) Application No.1353/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :15/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: A PROCESS FOR THE PREPARATION OF 1, 3-DIALKYL-(1H, 3H)-PYRIMIDINE-2, 4-DIONES.

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A61K31/01 :NA :NA :NA	(71)Name of Applicant: 1)DR. M. W. RAMANA Address of Applicant: DEPARTMENT OF CHEMISTRY, UNIVERSITY OF MUMBAI, VIDYANAGARI, SANTACRUZ
(86) International Application No	:NA	(EAST), MUMBAI-400 098, INDIA. Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DR. M. M. V. RAMANA
(61) Patent of Addition to Application Number	:NA	2)DR. SANJAY C. PAWAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

The invention describes the synthesis of 1, 3-dialkyl-(IH, :3H)-pyrimidine-2, 4-diones by Chapman rearrangement of 2,4-dialkoxypyrimidines.

No. of Pages: 9 No. of Claims: 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1354/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :15/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF 1, 3-DIALKYL-(1H, 3H)-PYRIMIDINE-2, 4-DIONES UNDER MICROWAVE IRRADIATION.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A61K31/02 :NA :NA :NA :NA	(71)Name of Applicant: 1)DR. M. W. RAMANA Address of Applicant: DEPARTMENT OF CHEMISTRY, UNIVERSITY OF MUMBAI, VIDYANAGARI, SANTACRUZ (EAST), MUMBAI-400 098, INDIA. Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DR. M. M. V. RAMANA
(61) Patent of Addition to Application Number	:NA	2)DR. SANJAY C. PAWAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

The present invention describes the synthesis of 1, 3-dialkyl-(1H, 3H)-pyrimidine-2,4-diones by Chapman rearrangement of 2, 4-dialkoxypyrimidines under microwave irradiation.

No. of Pages: 9 No. of Claims: 7

(22) Date of filing of Application :23/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: A MULTI-SLEEPER ARRANGEMENT CONFIGURED WITHIN A VEHICLE

	:B60W	(71)Name of Applicant:
(51) International classification	30/14	1)MAHINDRA AND MAHINDRA LIMITED
(31) Priority Document No	:NA	Address of Applicant : Automotive & Farm Equipment Sector,
(32) Priority Date	:NA	Mahindra Tower, Dr. G.M. Bhosale Marg, Worli, Mumbai.
(33) Name of priority country	:NA	Maharashtra, India Maharashtra India
(86) International Application No	:PCT//	(72)Name of Inventor:
Filing Date	:01/01/1900	1)PALIKUNDWAR SACHIN SANJAY
(87) International Publication No	: NA	2)CHUNDURU UDAY SRINIVAS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A multi-sleeper arrangement, within a driverTMs cabin of a vehicle, a reclinable driver seat mounted on a floor of the driverTMs cabin and an overhead berth having an operative top end and an operative bottom end. In a folded configuration, the operative bottom end of the overhead berth is hingeably mounted on a rear wall of the driverTMs cabin operatively behind the reclinable driver seat and the operative top end of the overhead berth is detachably supported to a roof of the driverTMs cabin. The multi-sleeper arrangement further comprises support elements support the overhead berth an unfolded configuration and maintaining the overhead berth in a substantially horizontal orientation via the support element, thereby defining a resting structure. Fig.2

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

(22) Date of filing of Application :17/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention : FORMULATION OF FADROZOLE LOADED NANOPARTICLE FEED FOR EFFICIENT MASCULINIZATION OF POECILIA RETICULATA

 (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 	:A61K9/00, A61K31/00, A61K31/18, A61K3 :NA :NA :NA :PCT// :01/01/1900 : NA :NA :NA	Leanch Marg off Vari Road Marcova Andhari (Mact) Mumbai
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(57) Abstract:

ABSTRACT: The present invention discloses a formulation comprising fadrozole loaded polylactic-co-glycolic acid (PLGA) nanoparticles for efficient aromatase inhibitory activity and as an effective inducing agent for masculinization of socio-economically important ornamental fishes.

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

(22) Date of filing of Application :28/04/2014

(43) Publication Date: 20/11/2015

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF 6-AMINO-5-CYANO-2-METHYL-4-ARYL-4H-PYRAN-3-CARBOXYLATES.

(51) International classification	A61K31/00,	
(31) Priority Document No	A61K31/18 :NA	Address of Applicant :DEPARTMENT OF CHEMISTRY, UNIVERSITY OF MUMBAI, VIDYANAGARI, SANTACRUZ
(32) Priority Date	:NA	(EAST), MUMBAI-400 098, MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. M. M. V. RAMANA
(87) International Publication No	: NA	2)BETKAR RAHUL RAMESH
(61) Patent of Addition to Application Number	:NA	3)NIMKAR AMEY PRAMOD
Filing Date	:NA	4)RANADE PRASANNA BHALCHANDRA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to the synthesis of 6-amino-5-cyano-2-methyl-4-aryl-4H-pyran-3-carboxylate derivatives by the reaction of aromatic aldehyde, malononitrile and (3-carbonyl compound using CSOH-AI2O3 as a heterogeneous basic catalyst in alcohol solvent.

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

(22) Date of filing of Application :21/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention : SYSTEM AND METHOD FOR DETECTION AND CHARACTERIZATION OF DELAMINATION IN PV MODULES

	·F21\$8/00	(71)Name of Applicant:
(51) International classification	G01R31/26	
(31) Priority Document No	:NA	Address of Applicant :POWAI, MUMBAI 400076,
(32) Priority Date	:NA	MAHARASHTRA, INDIA Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)RAJESH GUPTA
Filing Date	:NA	2)ARCHANA SINHA
(87) International Publication No	: NA	3)APPU RSHIKESAN PADUTHOL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a system for detection and characterization of delamination in PV modules. The system comprises a heating means for applying uniform and modulated localized heat flux onto surface of PV modules; a thermal imaging means for capturing thermal images for a specific time duration; and a data acquisition, memory and computation means for image gathering, storing, processing and for analysis of detection and estimation of delamination in PV modules. The invention further relates to a method for detection and characterization of delamination in the PV modules

No. of Pages: 26 No. of Claims: 13

(22) Date of filing of Application :30/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: SYSTEMS AND METHODS FOR ROOT WATERING

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:NA :NA :PCT//	(71)Name of Applicant: 1)BENDKE, Teja Address of Applicant:SAMRUDHI, JADHAV KASBEKAR PARK COLONY, NEW PALACE ROAD, KOLHAPUR- 416003, INDIA. Maharashtra India
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:01/01/1900 : NA :NA :NA :NA :NA	(72)Name of Inventor : 1)BENDKE, Teja

(57) Abstract:

Root watering systems and apparatus thereof is configured to conserve water, deliver additives to the roots and aerate both the roots and the soil for healthy plant growth. Root watering apparatus comprises a hollow, elongated perforated shaft having unitary construction or at least one detachable segment, and further provided with a metallic tapering end for facilitating deep penetration into the earth. A diffusion membrane can be lined internally in the shaft to permit flow of water and additives into the soil, prevent soil or the roots from entering the shaft and prevent weed growth. At least one nozzle is coupled to the shaft and can be configured to facilitate coupling of the apparatus in series with other such apparatus and at least one circulatory system comprising an arrangement of porous pipes. The root watering system comprises a plurality of root watering apparatus coupled in series to provide fluid communication therebetween.

No. of Pages: 29 No. of Claims: 17

(22) Date of filing of Application :30/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: METHOD AND SYSTEM PROTECTION OF AUTOMATED CONTROL SYSTEMS

(51) International classification	:H04L29/06	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SAPRYGIN KONSTANTIN
(32) Priority Date	:NA	Address of Applicant :Kuusinen Street, 23/2, Apt. 34,
(33) Name of priority country	:NA	Moscow, Russian Federation, 125252 Russia
(86) International Application No	:PCT//	(72)Name of Inventor:
Filing Date	:01/01/1900	1)SAPRYGIN KONSTANTIN
(87) International Publication No	: NA	2)MIKHAILOV DMITRY
(61) Patent of Addition to Application Number	:NA	3)ZUYKOV ALEXANDER
Filing Date	:NA	4)KHABIBULLIN TIMUR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A security module is disclosed which may provide security to an automated control system (ACS). The security module comprises a processor module and at least one communication module. The at least one communication module may be connected with the ACS. The processor module may receive data from the ACS via the at least one communication module and detects information data and addresses within the received data. Then, the processor module may determine whether the received data results from unauthorized access to the ACS based on the detected information data and addresses

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

(21) Application No.1351/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :15/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: A PROCESS FOR THE PREPARATION OF 1, 2-DIALKYLPYRIDAZINE-3, 6-DIONES.

(51) International classification	:A61K31/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DR. M. M. V. RAMANA
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF CHEMISTRY,
(33) Name of priority country	:NA	UNIVERSITY OF MUMBAI, VIDYANAGARI, SANTACRUZ
(86) International Application No	:NA	(EAST), MUMBAI-400098, INDIA Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DR. M. M. V. RAMANA
(61) Patent of Addition to Application Number	:NA	2)DR. SANJAY C. PAWAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

The invention describes the synthesis of 1, 2-dialkylpyridazine-3, 6-diones by Chapman rearrangement of 3, 6-dialkoxypyridazines.

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

(22) Date of filing of Application :23/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: A process for the preparation of Vilazodone or a pharmaceutically acceptable salt thereof

(51) International classification	:A61K9/00, A61K31/00, A61K31/18, A61K3	, · ·
(31) Priority Document No	:NA	(72)Name of Inventor:
(32) Priority Date	:NA	1)Chaniyara, Ravi
(33) Name of priority country	:NA	2)Reddy, Rambhupal
(86) International Application No	:PCT//	3)Rafeeq, Mohammad
Filing Date	:01/01/1900	4)Merwade, Arvind Yekanathsa
(87) 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 process for the preparation of 5-(4-(4-(5-cyano-1-tosyl-1H-indol-3-yl)butyl)piperazin-1-yl)benzofuran-2-carboxamide (tosyl Vilazodone)of formula V: Formula V or a pharmaceutically acceptable salt thereof and its conversion to Vilazodone or its pharmaceutically acceptable salt.

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

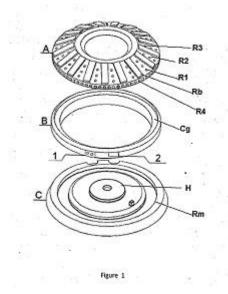
(22) Date of filing of Application :30/03/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: MULTI RING SWIRL BURNER

(51) International classification	·F24C3/08	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ELICA PB INDIA PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :37/1/1, KONDHWA PISOLO ROAD,
(33) Name of priority country	:NA	PISOLI, PUNE - 411060, MAHARASHTRA, INDIA
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)PRALHAD BADRINARAYAN BHUTADA
(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 multi ring swirl burner. The multi ring swirl burner comprises a base circular metallic plate (C) with central hub (H) having rim (Rm) at circumference. An inlet for gas provided in the said plate to distribute uniformly through the grooves provided therein. A burner holder (B), of cylindrical ring shape having external diameter matching with the diameter of the said rim (Rm) and having spark plug cut (1), mounted on the said plate. A burner of multi ring swirl (A) with base portion cylindrical shape of short height and top frustum shape with circular top open having multiple circular rings (R1,R2,R3) parallel to the base on surface at different level formed by multiple holes at uniform distant with one of the said ring(R) in the said base cylindrical shape, mounted over the said burner holder (B) having matching diameter circular groove(Cg) such that the said circular top closely rest on the said hub(h). A burner lock provided to said burner holder to prevent maladjustment.



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

(21) Application No.1519/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :30/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: MEDICAL ASSISTANCE METHOD AND SYSTEM

(51) International classification	:G06Q50/00, G06F17/00	(71)Name of Applicant : 1)Leonard Solie
(31) Priority Document No	:NA	Address of Applicant :5003 South Elberon Street; Tampa, FL
(32) Priority Date	:NA	33611 - USA U.S.A.
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:PCT//	1)Leonard Solie
Filing Date	:01/01/1900	
(87) 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:

ABSTRACT Title.: Medical Assistance method and SYSTEM A real time remote medical assistance method includes a manned or unmanned medical kiosk for servicing a patient with a medical ailment. The kiosk is available 24/7 and does not require an appointment. The kiosk provides a video feed link with a health care professional for allowing the patient and the health care professional to communicate. The patient enters personal information, self-performs biometric evaluations, displays affected body parts to the health care professional through a digital display device and a camera, and receives real time medical advice from the health care professional. Prior medical history of the patient is transmitted from an external storage device for the health care professional to review. The health care professional can then asses the medical condition of the patient. The health professional authorizes prescriptions and medicine to dispense from the kiosk. The patient makes payments and other transactions through the kiosk.

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

(21) Application No.1402/MUM/2014 A

(19) INDIA

(22) Date of filing of Application: 18/04/2014 (43) Publication Date: 20/11/2015

(54) Title of the invention : A SYSTEM AND METHOD FOR PROVIDING INFORMATION VIA BLUETOOTH ON BLUETOOTH ENABLED HANDHELD DEVICES

(51) International classification	:H04L29/06	(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 400 021.Maharashtra, India Maharashtra India
(86) International Application No	:PCT//	(72)Name of Inventor:
Filing Date	:01/01/1900	1)RADHAKRISHNEN, Arvind
(87) 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 providing information via Bluetooth on Bluetooth enabled handheld devices. The system includes a plurality of Bluetooth enabled handheld devices; each Bluetooth enabled handheld device has memory storage adapted to receive applications and a display adapted to display information. The system also includes a plurality of nodes adapted to communicate with the Bluetooth enabled handheld devices to push applications and location information to the Bluetooth enabled handheld devices and also adapted to receive requests and user information from the Bluetooth enabled handheld devices. Additionally, the system includes a server adapted to communicate with the nodes to receive user information and requests for location information and transmit applications and application updates, user authentication confirmation and location information.

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

(22) Date of filing of Application :18/04/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: A SYSTEM FOR A PILOT OPERATED VALVE WITH BIDIRECTIONAL ISOLATION

	:F16K31/40,	(71)Name of Applicant :
(51) International classification	F15B11/08,	1)ASCO Controls BV
	F15B13/043	Address of Applicant :Industrielaan 21, 3925 BD
(31) Priority Document No	:NA	Scherpenzeel, The Netherlands Netherlands
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)MANE AMOL MAHADEO
(86) International Application No	:PCT//	2)GUSTAFSSON MORGAN
Filing Date	:01/01/1900	3)VOSKUIJLEN JOHN
(87) International Publication No	: NA	4)VAN KOMMER ROB
(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 a pilot operated valve with bidirectional isolation, the system includes a first main conduit, a second main conduit configured to be in a fluid communication with the first main conduit, a diaphragm configured to control bidirectional flow of fluid between the first main conduit and the second main conduit, a 2/2 pilot operated solenoid valve operatively connected to the diaphragm, the 2/2 pilot operated solenoid valve configured to enable oscillatory movement of the diaphragm into a space defined between the diaphragm and the 2/2 pilot operated solenoid valve and a 3/2 solenoid valve configured to selectively allow a flow of fluid from the first main conduit and the second main conduit into the space to control the oscillatory movement of the diaphragm.

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

(21) Application No.1493/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :29/04/2014

(43) Publication Date: 20/11/2015

(54) Title of the invention : MULTI-TUBE HEAT EXCHANGE FLAP SYSTEM FOR PREVENTING ENTRY OF SCUM INTO TRAY OF A MECHANICAL DECANTER

(71) I	E20E27/00	
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)THERMAX LIMITED
(32) Priority Date	:NA	Address of Applicant :D-13, MIDC, R.D. AGA ROAD,
(33) Name of priority country	:NA	CHINCHWAD, PUNE 411019, MAHARASHTRA, INDIA
(86) International Application No	:PCT//	Maharashtra India
Filing Date	:01/01/1900	(72)Name of Inventor:
(87) International Publication No	: NA	1)DUBAL V.V.
(61) Patent of Addition to Application Number	:NA	2)PATKI ANIL
Filing Date	:NA	3)VARIGALA SHIVA KUMAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A scum entry prevention mechanism for a mechanical decanter system, which comprises a tray having walls, defines an enclosure that is open at one side. The tray is adapted to float over a mixture held inside a reservoir of the mechanical decanter system and is adapted to receive supernatant left at top of the reservoir after constituents of the mixture has settled. A bottom header is received within a bearing assembly. A down-comer comprises a plurality of tubular elements connecting the tray to the bottom header and facilitates flow of clear supernatant from the tray to the bottom header.

No. of Pages: 27 No. of Claims: 5

(22) Date of filing of Application:19/12/2012 (43) Publication Date: 20/11/2015

(54) Title of the invention: BOTTLE CAP FOR DISPERSING POWDERED SUPPLEMENT IN SITU •

 (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 	:11/03/2011 : NA :NA :NA	(71)Name of Applicant: 1)TAP THE CAP INC. Address of Applicant: 4924 Balboa Boulevard Suite 277 Encino CA 91316 United States of America U.S.A. (72)Name of Inventor: 1)SIMONIAN Christopher H.Y. 2)SIMONIAN Jeannine NMI 3)FETTES Ian J.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A dispensing cap system (150) for dispensing a supplement material through a bottle neck opening and into the bottle. An exemplary embodiment includes a cap member (160) configured for connection to beverage bottle necks of different sizes. A seal member (172) is arranged to provide a liquid seal against the neck opening. A valve member (190) passes through a storage member (210) attached to the cap member (160) and is configured for movement between a storage position and a dispensing position in which passage is permitted of the supplement material from the storage member (210) into the bottle. A nipple member (200) may be positioned over the valve member (190) to allow the bottle contents to be utilized or consumed. [FIG: 11]

No. of Pages: 34 No. of Claims: 20

(21) Application No.10592/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application:19/12/2012 (43) Publication Date: 20/11/2015

(54) Title of the invention: PROCESS FOR PRODUCING IMINE COMPOUNDS FOR COMBATING INVERTEBRATE PESTS

(51) International :C07D261/08,C07D409/12,C07D413/12 classification

:61/357623

(31) Priority Document

(32) Priority Date :23/06/2010 (33) Name of priority :U.S.A.

country

(86) International

:PCT/EP2011/060388 Application No :22/06/2011

Filing Date

(87) International

:WO 2011/161130 Publication No

:NA

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to :NA

Application Number Filing Date

(71)Name of Applicant:

1)BASF SE

Address of Applicant: 67056 Ludwigshafen Germany

(72) Name of Inventor: 1)K-RBER Karsten

2)KAISER Florian

3) REIN Christian

4) SCHMIDT LEITHOFF Joachim

5)VON DEYN Wolfgang 6)DESHMUKH Prashant

7)NARINE Arun

8)DICKHAUT Joachim 9)BANDUR Nina Gertrud 10)LANGEWALD J¹/₄rgen

(57) Abstract:

The present invention relates to a process for producing aromatic carbonyl compounds of formula (I) and aromatic imine compounds of formula (III) comprising the step of reacting a (hetero) aromatic halogen or sulfonate compound (II) wherein the variables are as defined in the claims and description with a mixture of carbon monoxide and hydrogen in the presence of a transition metal complex catalyst. The invention also relates to specific compounds III to compositions comprising them and to their use for combating invertebrate pests.

No. of Pages: 111 No. of Claims: 45

(21) Application No.10595/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: OVERPRESSURE PROTECTION

(51) International classification(31) Priority Document No	:F41H 5/04 :61/347,305	(71)Name of Applicant: 1)SKYDEX TECHNOLOGIES INC.
(32) Priority Date (33) Name of priority country	:21/05/2010 :U.S.A.	Address of Applicant: 12508 E. Briarwood Avenue Suite 1-F Centennial CO 80112 United States of America U.S.A.
(86) International Application No	:PCT/US2011/037586	(72)Name of Inventor:
Filing Date (87) International Publication No	:23/05/2011 : NA	1)FOLEY Peter Maurice 2)MANNEY Thomas Christopher
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)WANET Thomas Christopher
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Overpressure absorbing material is positioned on the exterior of an enclosure. When an explosion occurs adjacent the enclosure the overpressure absorbing material absorbs a large portion of an incoming overpressure wave from the explosion. The overpressure absorbing material cushions the impact of the overpressure wave against the enclosure and may prevent the incoming overpressure wave from penetrating the enclosure in sufficient magnitude to cause injury to the enclosure TMs occupants. The overpressure absorbing material may also be positioned on the interior of the enclosure. The overpressure wave from the explosion may enter the enclosure via a breach or other opening and may resonate within the enclosure causing injury to the enclosure TMs occupants.

No. of Pages: 35 No. of Claims: 36

(21) Application No.10596/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application: 19/12/2012 (43) Publication Date: 20/11/2015

(54) Title of the invention : BENZODIOXOLE OR BENZODIOXEPINE HETEROCYCLIC COMPOUNDS AS PHOSPHODIESTERASE INHIBITORS

(51) I	:C07D 493/10, A61K	(71)Name of Applicant:
(51) International classification	31/443, A61K 31/4433	1)LEO Pharma A/S Address of Applicant :Industriparken 55 DK-2750 Ballerup
(31) Priority Document No	:61/358,209	Denmark Denmark
(32) Priority Date	:24/06/2010	(72)Name of Inventor:
(33) Name of priority country	:U.S.A.	1)NIELSEN Simon Feldb¦k
(86) International Application No	:PCT/DK2011/000069	
Filing Date	:24/06/2011	
(87) International Publication No	: NA	
(61) Patent of Addition to Application	:NA	
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Compounds of the general formula (I) wherein each of m and n is independently 0 or 1; R1 and R2 together with the carbon atom to which they are attached form a heterocyclic ring comprising one or two heteroatoms selected from oxygen sulfur -S(O)- and - S(O)2-; R3 is -CHF2 -CF3 -OCHF2 -OCF3 -SCHF2 or -SCF3; X is a bond -CH2- or -NH-; A is aryl cycloalkyl cycloalkenyl arylalkyl heteroaryl heteroarylalkyl heterocycloalkyl or heterocycloalkenyl optionally substituted with one or more same or different substituents selected from R4; and R4 is hydrogen amino thioxo alkyl haloalkyl hydroxyalkyl alkoxy haloalkoxy halogen oxo thia or hydroxy; or pharmaceutically acceptable salts hydrates or solvates thereof have been found to exhibit PDE4 inhibiting activity and may therefore be useful in the treatment of inflammatory diseases and disorders.

No. of Pages: 43 No. of Claims: 21

(22) Date of filing of Application :19/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: METHOD AND DEVICE FOR LASER-JOINING SHEET METAL PARTS

(51) International classification	:B23K 26/02, B23K 26/04	(71)Name of Applicant: 1)SCANSONIC MI GMBH
(31) Priority Document No	:10 2010 029 477.2	Address of Applicant :Rudolf-Baschant-Strae 2 13086 Berlin
(32) Priority Date	:28/05/2010	Germany Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:PCT/EP2011/058592	1)WALTER Steffen
Filing Date	:25/05/2011	2)HASCHKE Igor
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a device and to an associated method for joining sheet metal parts each with a flange by laser wherein the flanges of the sheet metal parts (2) are joined into one connecting flange. The device has a clamping device (5) for clamping the sheet metal parts (2) to be joined in a main clamping direction running transversely to the connecting flange and a beam guidance system for a laser beam (1). Moreover the device has a compensation shaft (9) which tracks the laser beam (1) according to a relative movement between the connecting flange and a guidance apparatus.

No. of Pages: 31 No. of Claims: 16

(21) Application No.10654/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/12/2012

(43) Publication Date: 20/11/2015

(54) Title of the invention: FIBER OR PLASTIC BASED PACKING APPARATUS METHOD PROGRAM AND SYSTEM FOR WIRELESS DATA COMMUNICATION BY FIBER OR PLASTIC BASED PACKING

(51) International :B65D5/42,H04B1/034,G06K19/10 classification

(31) Priority Document No :NA (32) Priority Date :NA

(33) Name of priority country: NA

(86) International Application :PCT/FI2010/050534

No

:22/06/2010 Filing Date

(87) International Publication :WO 2011/161299

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number

:NA Filing Date

(71)Name of Applicant: 1)STORA ENSO OYJ

Address of Applicant :PL 309 FI 00101 Helsinki Finland

(72)Name of Inventor: 1)MAIJALA Juha 2)M,,KEL,, Raimo 3)ILKKA Petri

(57) Abstract:

In accordance with an embodiment of the invention there is provided a fiber or plastic based package comprising: an interface adapted to attach and connect in a detachable manner a module to a fiber or plastic based package the module comprising a wireless transmitter and the interface comprising conductors for transferring package data from the fiber or plastic based package to the module. An embodiment of the invention also comprises a module system and software. An embodiment of the invention is related to a smart package its management and various applications thereof.

No. of Pages: 29 No. of Claims: 33

(21) Application No.10657/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: TPU LAMINATING ADHESIVE

(51) International classification :C08G18/42,C08G18/66,C08G18/76

(31) Priority Document No :10 2010 030 437.9 (32) Priority Date :23/06/2010

(33) Name of priority country: Germany

(86) International :PCT/EP2011/058515

Application No Filing Date :PC1/EF201

(87) International Publication :WO 2011/160912

(61) Patent of Addition to
Application Number :NA

Application Number
Filing Date

(62) Divisional to

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:

1)HENKEL AG & CO. KGAA

Address of Applicant :Henkelstr. 67 40589 D1/4sseldorf

Germany

(72)Name of Inventor:

1)KINZELMANN Hans Georg

2)SCHMIDT Thorsten

(57) Abstract:

Use of a hot melt adhesive, having a viscosity from 10,000 mPas to 150,000 mPas at 140°C, containing at least 75 wt% of a thermoplastic polyurethane having an average molecular weight from 5000 to 40,000 g/mol, as a laminating adhesive.

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

(22) Date of filing of Application :21/12/2012

(43) Publication Date: 20/11/2015

(54) Title of the invention : USE OF METFORMIN IN COMBINATION WITH A GLUCOKINASE ACTIVATOR AND COMPOSITIONS COMPRISING METFORMIN AND A GLUCOKINASE ACTIVATOR

 (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 	:C07D277/00 :61/348554 :26/05/2010 :U.S.A. :PCT/US2011/037752 :24/05/2011 :WO 2011/149945 :NA :NA :NA	(71)Name of Applicant: 1)TRANSTECH PHARMA INC. Address of Applicant:4170 Mendenhall Oaks Pkwy High Point North Carolina 27265 U.S.A. (72)Name of Inventor: 1)MJALLI Adnan M.M. 2)VALCARCE LPEZ Maria Carmen
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(57) Abstract:

The present invention provides uses of a glucokinase activator in combination with metformin. Uses include treating type 2 diabetes lowering blood glucose improving insulin sensitivity enhancing phosphorylation of glucose and improving the therapeutic effectiveness of metformin. The invention also provides pharmaceutical compositions that comprise a GK activator and metformin. The invention also provides a salt formed between metformin and a GK activator.

No. of Pages: 26 No. of Claims: 21

(22) Date of filing of Application :21/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: METHOD FOR MONITORING AN SCR SYSTEM

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:1054986	1)INERGY AUTOMOTIVE SYSTEMS RESEARCH (Socit
(32) Priority Date	:23/06/2010	Anonyme)
(33) Name of priority country	:France	Address of Applicant :Rue de Ransbeek 310 B 1120 Bruxelles
(86) International Application No	:PCT/EP2011/060468	Belgium
Filing Date	:22/06/2011	(72)Name of Inventor:
(87) International Publication No	:WO 2011/161175	1)PEUCAT Frdric
(61) Patent of Addition to Application	:NA	2)HABUMUREMYI Jean Claude
Number		3)OP DE BEECK Joel
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Method for detecting whether an injector with a valve controlled by a PWM signal of an SCR system is clogged said system comprising a rotary positive displacement pump driven by a motor and the pressure of which is controlled by a controller that continuously measures the rotational speed of the motor and the pressure at the outlet of the pump according to which during the operation of the SCR system at a given pressure: the associated average rotational speed is measured; the speed is held at this value; the curve of the change in pressure is compared to reference curves stored in a memory and the condition of the injector (clogged or not) is deduced therefrom.

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

(21) Application No.10661/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/12/2012 (43) Publication Date: 20/11/2015

(54) Title of the invention: PYRAZOLE COMPOUNDS AS SIGMA RECEPTOR INHIBITORS

(51) International :C07D413/06,C07D401/12,C07D403/12

classification

(31) Priority Document

:10382148.4

(32) Priority Date :27/05/2010 (33) Name of priority

:EPO

country (86) International

:PCT/EP2011/058633 Application No

:26/05/2011 Filing Date

(87) International :WO 2011/147910

Publication No (61) Patent of Addition to :NA

Application Number :NA Filing Date (62) Divisional to :NA

Application Number Filing Date

:NA

(71)Name of Applicant:

1)LABORATORIOS DEL DR. ESTEVE S.A.

Address of Applicant : Avda. Mare de Du de Montserrat 221 E

08041 Barcelona Spain

(72)Name of Inventor:

1)GARC • A LPEZ M3nica 2)TORRENS JOVER Antoni

3)D • AZ FERN • NDEZ Jos Luis

4)CAAMA'O MOURE Ana Mara

(57) Abstract:

The invention refers to compounds of general formula (I) having pharmacological activity towards the sigma receptor to processes of preparation of such compounds to pharmaceutical compositions comprising them and to their use for the treatment and or prophylaxis of a disease in which the sigma receptor is involved.

No. of Pages: 67 No. of Claims: 17

(22) Date of filing of Application :21/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: RESPIRATOR THAT HAS INWARD NOSE REGION FOLD WITH HIGH LEVEL CONFORMATION

(51) International classification	:A62B18/02,A62B9/04,A62B7/10	(71)Name of Applicant:
(31) Priority Document No	:12/823259	1)3M INNOVATIVE PROPERTIES COMPANY
(32) Priority Date	:25/06/2010	Address of Applicant :3M Center Post Office Box 33427 Saint
(33) Name of priority country	:U.S.A.	Paul Minnesota 55133 3427 U.S.A.
(86) International Application	:PCT/US2011/040241	(72)Name of Inventor:
No	:14/06/2011	1)EITZMAN Philip D.
Filing Date	.14/00/2011	2)DUFFY Dean R.
(87) International Publication	:WO 2011/163002	
No		
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date		
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	12 12 2	

(57) Abstract:

A flat fold filtering face piece respirator 10 that includes a mask body 12 and a harness 14. The mask body 12 includes a filtering structure 16 that contains a cover web 48 50 and a filtration layer 52 that contains electrically charged microfibers. The filtering structure 16 is folded over upon itself in a nose region 32 of the mask body 12 to be at least 1 centimeter or more wide and to extend across the upper perimeter of the mask body in a generally straight line when the respirator is in the folded condition. The filtering structure 16 has a deflection greater than about 0.5 millimeters and has a recoverability of at least 40% in the folded condition. A mask body having this construction is beneficial in that it does not need to use a nose foam to obtain a snug fit over the nose.

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

(22) Date of filing of Application :24/12/2012

(43) Publication Date: 20/11/2015

(54) Title of the invention: DEVICE FOR MEASURING KNEE LAXITY •

(51) International classification	:A61B 5/103 , A61B 5/11	(71)Name of Applicant: 1)FJR SGPS S.A.
(31) Priority Document No	:105144	Address of Applicant :Rua do Fez 652 4130-326 Porto
(32) Priority Date	:04/06/2010	Portugal Portugal
(33) Name of priority country	:Portugal	(72)Name of Inventor:
(86) International Application No	:PCT/PT2010/000065	1)COELHO DO SAMEIRO ESPREGUEIRA MENDES
Filing Date	:10/12/2010	Jo£o Duarte
(87) International Publication No	: NA	
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a device (1) for measuring knee laxity with or without using additional diagnostic means for assessing knee instability due to rupture of any ligament i.e. the anterior cruciate ligament posterior cruciate ligament the posterior intracapsular and extracapsular ligaments around the axes of an orthonormal referential that comprises three parts for receiving and immobilising the thigh leg and foot respectively. The device (1) comprises independent means (20) and (21) for pushing backwards the anterior zone of the leg and for pushing forwards the posterior zone of the leg and independent means (12) and (13) for pushing the posterior foot-supporting and -immobilising part (5) in the clockwise and anti-clockwise directions. (Fig. 1)

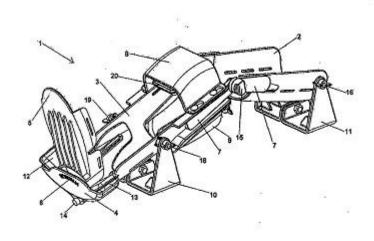


Fig. 1

No. of Pages: 22 No. of Claims: 7

(22) Date of filing of Application :24/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: DATA COLLECTION DEVICE FOR MONITORING STREAMS IN A DATA NETWORK •

 (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 (22) Principles of Application Number 	:14/04/2011 : NA :NA :NA	(71)Name of Applicant: 1)QOSMOS Address of Applicant:Immeuble Le Cardinet 5 Impasse Chalabre F-75017 Paris France France (72)Name of Inventor: 1)TOLLET Jr'me 2)ABELA Jr'me
1 (01110 01	:NA :NA :NA	
- I ming Dute	11 11 1	

(57) Abstract:

The invention relates to a data collection device for monitoring streams in a data network using a packet transmission mode including an extractor for extracting data contained in packets belonging to a stream defined by a transmitter a receiver and a protocol. The collection device also includes a syntax analyzer which receives data in real time from the extractor and breaks the data down into elements according to the syntactic rules of the protocol said syntactic rules enabling the elements to be represented as a tree structure. The syntax analyzer combines respective tree state indicators with at least some of the elements wherein the tree state indicator combined with an element locates said element within the tree structure. An interface transmits the tree state indicators together with the elements with which the latter have been combined to a stream analyzer external to the collection device. [Figure 3]

No. of Pages: 25 No. of Claims: 11

(22) Date of filing of Application :24/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: NETWORK SETUP IN WIDE CHANNEL WIRELESS LOCAL AREA NETWORKS (WLANS) •

 (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 	:06/07/2011 : NA :NA :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 U.S.A. (72)Name of Inventor: 1)ABRAHAM Santosh Paul 2)MERLIN Simone 3)SAMPATH Hemanth
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Methods and apparatus for network setup in wide channel WLANs are provided. Techniques for co-existence of 20 MHz and 40 MHz networks (e.g., as defined by IEEE 802.11n) may be extended to 80 MHz and 160 MHz networks. For example, a primary channel of an existing network may be designated as the primary channel of a new network. Further, a primary channel of the existing network may not be used as a secondary channel in the new network. Intolerance operation between networks may include a first network releasing one or more channels in response to an intolerance indication received from a second network. Furthermore, in response to the intolerance indication from the second network, the first network may utilize one or more channels for communicating in the first network using a first set of access parameters. The access parameters may depend on the intolerance indication. [Figure 4]

No. of Pages: 62 No. of Claims: 51

(21) Application No.10722/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: DAMPING DEVICE

(51) International classification	:A63B 53/00 , A63B 53/10	(71)Name of Applicant: 1)DAVE HICKS GOLF LIMITED
(31) Priority Document No	:1011616.8	Address of Applicant :Hamilton Business Park Gore Road
(32) Priority Date	:12/07/2010	Industrial Estate Gore Road New Milton Hampshire BH25 6TH
(33) Name of priority country	:U.K.	Great Britain U.K.
(86) International Application No	:PCT/GB2011/051304	(72)Name of Inventor:
Filing Date	:12/07/2011	1)HICKS David Raymond
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A golf club (2) comprising a shaft (20) a head and a damping device (I 100). The damping device (I 100) includes an anchor element (3 103) and a damping element (4 104) interconnected by a rigid rod (5 105). The anchor element (3 103) is anchored within the lower section of the shaft (20) that has a substantially constant diameter such that the damping element (4 104) is in contact with an internal surface of the shaft (20) to dampen vibrations therein. FIGURE 12

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

(21) Application No.10731/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention : AERATOR SEAWATER FLUE GAS DESULFURIZATION SYSTEM EQUIPPED WITH SAME AND METHOD FOR OPERATING THE AERATOR

(51) International classification: C02F1/20,B01D19/00,B01D53/50 (71) Name of Applicant: (31) Priority Document No :2010183499 1)MITSUBISHI HEAVY INDUSTRIES LTD. (32) Priority Date :18/08/2010 Address of Applicant: 16 5 Konan 2 chome Minato ku Tokyo (33) Name of priority country :Japan 1088215 Japan (72) Name of Inventor: (86) International Application :PCT/JP2011/054541 1)SONODA Keisuke :28/02/2011 Filing Date 2)NAGAO Shozo (87) International Publication 3)IMASAKA Koji :WO 2012/023299 4)FURUKAWA Seiji (61) Patent of Addition to 5)TSUCHIYAMA Yoshihiko :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

The present invention provides an aerator which includes an aeration nozzle with a diffuser film having a first slit (12A) formed thereon. The first slit (12A) is made up of a linear base slit (12a) and a branch slit (12b) which intersects the linear base slit (12a) at the center thereof. The shape of an opening of the first slit (12A) will be deformed due to the pressure of supplied air (the amount of the air). Accordingly unlike the conventional case with the presence of only a linear slit a temporary increase in the amount of air would cause an increase in the amount of opening at the intersection (12c) between the linear base slit (12a) and the branch slit (12b) thereby facilitating removal of a precipitate.

No. of Pages: 34 No. of Claims: 7

(21) Application No.10732/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: PHOTOVOLTAIC 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 	:H01L31/04 :2010121544 :27/05/2010 :Japan :PCT/JP2011/053357 :17/02/2011 :WO 2011/148679 :NA :NA :NA	(71)Name of Applicant: 1)SHARP KABUSHIKI KAISHA Address of Applicant: 22 22 Nagaike cho Abeno ku Osaka shi Osaka 5458522 Japan (72)Name of Inventor: 1)NISHIMURA Kazuhito 2)NASUNO Yoshiyuki 3)NAKANO Takanori
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(57) Abstract:

Disclosed is a photovoltaic device provided with a substrate (1) and pin photovoltaic layers (11 12) disposed on the surface of the substrate (1). The pin photovoltaic layers (11 12) contain a first pin photovoltaic layer (11) in which a p type semiconductor layer (3) an i type semiconductor layer (4) which is an amorphous semiconductor layer and an n type semiconductor layer(5) are stacked. The first pin photovoltaic layer (11) comprises a first portion positioned on the surface of part of the substrate (1) and a second portion positioned on the surface of the other part of the substrate (1). The concentration of at least one impurity element selected from oxygen nitrogen and carbon in the first portion is higher than the concentration of an impurity element in the second portion and the first portion is thinner than the second portion.

No. of Pages: 64 No. of Claims: 13

(21) Application No.10733/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention : AERATOR SEAWATER FLUE GAS DESULFURIZATION SYSTEM EQUIPPED WITH SAME AND METHOD FOR OPERATING THE AERATOR

(51) International classification: C02F1/20,B01D53/50,B01D53/77 (71) Name of Applicant: (31) Priority Document No 1)MITSUBISHI HEAVY INDUSTRIES LTD. :2010-183498 (32) Priority Date :18/08/2010 Address of Applicant: 16 5 Konan 2 chome Minato ku Tokyo (33) Name of priority country 1088215 Japan :Japan (86) International Application (72) Name of Inventor: :PCT/JP2011/050891 1)SONODA Keisuke :19/01/2011 Filing Date 2)NAGAO Shozo (87) International Publication 3)IMASAKA Koji :WO 2012/023293 A1 4)FURUKAWA Seiji (61) Patent of Addition to 5)TSUCHIYAMA Yoshihiko :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA

(57) Abstract:

Filing Date

Number

Provided is an aerator which is submerged in diluted spent seawater to be treated (not shown) in order to produce minute air bubbles in the diluted spent seawater. The aerator includes an air supply line (L) for supplying air (122) by a discharge means or a blower (121A to 121D); an aeration nozzle (123) with a diffuser film (11) having a slit through which water laden air is delivered; and a controller for providing control to temporarily stop the supply of the air (122) at predetermined time intervals.

No. of Pages: 36 No. of Claims: 9

:NA

(22) Date of filing of Application :24/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: MONOCLONAL ANTIBODIES AGAINST HER2 EPITOPE

(51) International (71)Name of Applicant: :A61K39/395,A61P35/00,C07K16/32 classification 1)GENMAB A/S (31) Priority Document No: PA 2010 00468 Address of Applicant :Bredgade 34 DK 1260 Copenhagen K (32) Priority Date :27/05/2010 Denmark (33) Name of priority (72) Name of Inventor: :Denmark country 1)GOEIJ Bart de (86) International 2)BRINK Edward N. van den :PCT/EP2011/058772 Application No 3)HAIJ Simone :27/05/2011 Filing Date 4)RIEDL Thilo (87) International 5)HOET Ren :WO 2011/147982 Publication No 6)BAADSGAARD Ole (61) Patent of Addition to 7)SATIJN David :NA **Application Number** 8)WINKEL Jan van de :NA Filing Date 9)PARREN Paul (62) Divisional to :NA

(57) Abstract:

Application Number

Filing Date

Isolated monoclonal antibodies which bind to human epidermal growth factor receptor 2 (HER2) and related antibody based compositions and molecules are disclosed. Pharmaceutical compositions comprising the antibodies and therapeutic and diagnostic methods for using the antibodies are also disclosed.

No. of Pages: 123 No. of Claims: 55

:NA

(22) Date of filing of Application :24/12/2012

(43) Publication Date: 20/11/2015

(54) Title of the invention : SAMPLE DETECTION METHOD BY THIN LAYER CHROMATOGRAPHY THIN LAYER CHROMATOGRAPHY PLATE AND METHOD FOR PRODUCING SAME

(51) International classification :G01N30/93 (71)Name of Applicant: (31) Priority Document No 1)DAICEL CORPORATION :2010121140 (32) Priority Date Address of Applicant: 4 5 Umeda 3 chome Kita ku Osaka shi :27/05/2010 (33) Name of priority country Osaka 5300001 Japan :Japan (86) International Application No :PCT/JP2011/062173 (72)Name of Inventor : Filing Date :27/05/2011 1)MINODA Toshiharu (87) International Publication No :WO 2011/149041 2)IKEDA Isamu (61) Patent of Addition to Application 3)NOSE Satoru :NA Number 4)TAKEYA Noriaki :NA Filing Date 5)OKAMOTO Ichiro (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The present invention provides a thin layer chromatography plate and thin layer chromatography whereby it is possible to detect the separation of components in a sample by using a separating agent layer in which it is impossible to detect the separation of the components in a sample by means of an optical response. In the present invention a sample that exhibits an optical response to ultraviolet light or a coloring agent is detected using a thin layer chromatography plate having a first separating agent layer which has the same optical response as the sample and a second separating agent layer which has a different optical response than the aforementioned optical response and which is disposed adjacent to the first layer. After the sample is developed in the first separating agent layer the spots are further developed in a direction from the first separating agent layer toward the second separating agent layer and in the second separating agent layer the spots are detected by means of ultraviolet light irradiation or color reagent coloring. Also by adjusting the mixture ratio of the binder the development axis in the first separating agent layer is kept approximately perpendicular and broadening of the spots at the interface is prevented.

No. of Pages: 53 No. of Claims: 7

(21) Application No.10757/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/12/2012

(43) Publication Date: 20/11/2015

(54) Title of the invention : A WAVE POWER UNIT A USE OF A SUCH AND A METHOD OF PRODUCING ELECTRIC ENERGY

(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	:F03B13/18,F16F1/38,B63B21/04 :NA :NA :NA :PCT/SE2010/050585 :28/05/2010 :WO 2011/149397 :NA :NA	(71)Name of Applicant: 1)SEABASED AB Address of Applicant:Sylveniusgatan 5D S 754 50 Uppsala Sweden (72)Name of Inventor: 1)LEIJON Mats 2)HAIKONEN Kalle
Number Filing Date	:NA	

(57) Abstract:

The invention relates to a wave power unit with a floating body (1) a submerged station (2) and flexible connection means (3) connecting the floating body (1) to the submerged station (100). The submerged station (100) has a stator 5 (5) and a moving part (6). According to the invention the flexible connection means (3) is provided with a damper (12). The damper (12) is arranged to absorb tensile forces in the flexible connection means (3). The invention also relates to a use of such a wave power unit and to a 10 method for producing and supplying electric energy.

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

(22) Date of filing of Application :24/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: A WAVE POWER UNIT WITH GUIDING DEVICE

(51) International classification	:F03B13/18,B66D1/38,F16H7/18	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SEABASED AB
(32) Priority Date	:NA	Address of Applicant :Sylveniusgatan 5D S 754 50 Uppsala
(33) Name of priority country	:NA	Sweden
(86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application	:PCT/SE2010/050584 :28/05/2010 :WO 2011/149396 :NA :NA	(72)Name of Inventor: 1)LEIJON Mats 2)SAVIN Andrej 3)LEANDERSSON Robert 4)WATERS Rafael 5)RAHM Magnus
Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a wave power unit having a submerged station anchored on the sea bottom a floating body floating on the sea surface and flexible connection means (3) connecting these. The submerged station has a linear generator with a reciprocating translator. According to the invention the station includes a guiding device (9) for the flexible connection means (3). The guiding device (9) has a plurality of rotatable rollers (15a 18c). The rollers (15a 18c) form a passage for the flexible connection means (3). The invention also relates to use of the wave power unit and to a method for producing electric power.

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

(22) Date of filing of Application :24/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention : A LINEAR GENERATOR FOR SUBMERGED USE AND A METHOD OF PRODUCING ELECTRIC ENERGY

 (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 	:F03B13/18,H02K5/12 :NA :NA :NA :NA :PCT/SE2010/050587 :28/05/2010 :WO 2011/149399 :NA :NA :NA	(71)Name of Applicant: 1)SEABASED AB Address of Applicant: Sylvenius gatan 5D S 754 50 Uppsala Sweden (72)Name of Inventor: 1)DOR‰ Erik 2)WATERS Rafael 3)AXELSSON Fredrik
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(57) Abstract:

The invention relates to a linear generator for submerged use. It has a linearly reciprocating translator (6) which is attached to connection means (3 7) arranged to connect the translator (6) to a floating body (1) on the sea surface. The generator has a sealed housing (4) forming a water tight chamber in which the translator (6) is located. The connection means is arrange to pass through a sealed (12) opening in a wall portion (18) of the housing (4). According to the invention at operation the wall portion (18) with the sealed (12) opening is located at a level that is below the level of the upper end of the translator (6) at least during a part of the movement of the translator (6). The invention also relates to a use of the generator and to a method of generating electric energy.

No. of Pages: 19 No. of Claims: 18

(21) Application No.10760/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: STATOR FRAME FOR A SUBMERGED LINEAR GENERATOR

(31) Priority Document No (32) Priority Date	:H02K5/12,H02K1/18,F03B13/18 :NA :NA	(71)Name of Applicant: 1)SEABASED AB Address of Applicant: Sylveniusgatan 5D S 754 50 Uppsala
(33) Name of priority country	:NA	Sweden
(86) International Application No Filing Date	:PCT/SE2010/050586 :28/05/2010	(72)Name of Inventor: 1)LEIJON Mats 2)DOR‰ Erik
(87) International Publication No	:WO 2011/149398	3)AXELSSON Fredrik 4)WATERS Rafael
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a stator frame (12) for a submerged linear generator. According to the invention the stator frame (12) includes a cylindrical tube of metal with mounting means (13 14 15 16) for mounting stator packages to the inside wall of the tube. The stator frame (12) also is the external circumferential wall of the linear generator. The invention also relates to the use of such a stator frame (12) and to a method for manufacturing a linear generator with such a stator frame (12).

No. of Pages: 21 No. of Claims: 31

(22) Date of filing of Application :24/12/2012

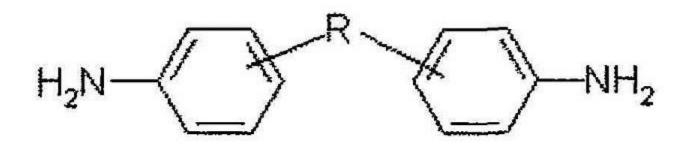
(43) Publication Date: 20/11/2015

(54) Title of the invention : POLYIMIDE RESIN VARNISH AND INSULATED WIRE ELECTRICAL COIL AND MOTOR USING SAME

(51) International classification	:C08G 73/10 , C09D 179/08 , H01B 3/30	(71)Name of Applicant: 1)SUMITOMO ELECTRIC WINTEC INC.
(31) Priority Document No	:2011-016219	Address of Applicant :1074 Eda Shigaraki-cho Koka-shi
(32) Priority Date	:28/01/2011	Shiga 529-1811 Japan Japan
(33) Name of priority country	:Japan	2)SUMITOMO ELECTRIC INDUSTRIES LTD.
(86) International Application No	:PCT/JP2012/050782	(72)Name of Inventor:
Filing Date	:17/01/2012	1)SAITO Hideaki
(87) International Publication No	: NA	2)SUGAWARA Jun
(61) Patent of Addition to Application	:NA	3)YAMAUCHI Masaaki
Number	:NA	4)YOSHIDA Kengo
Filing Date	.IVA	5)HATANAKA Yuji
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided is an insulated wire that can realize a high corona inception voltage and that can satisfy required properties such as heat resistance and a mechanical strength. A polyimide resin varnish containing as a main component a polyimide precursor resin obtained by allowing an aromatic diamine to react with an aromatic tetracarboxylic dianhydride wherein the aromatic diamine includes a first aromatic diamine having an aromatic ether bond and three or more benzene rings and a second aromatic diamine represented by formula (2) below and an imide group concentration after imidization of the polyimide precursor resin is 25% or more and 35% or less.



(In the formula, R represents CH2 or O.)

No. of Pages: 24 No. of Claims: 7

(22) Date of filing of Application :20/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: IRON (III) CASEINSUCCINYLATE AND METHOD FOR THE PREPARATION THEREOF

 (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 	:30/06/2010 : NA :NA :NA :NA	(71)Name of Applicant: 1)ITALFARMACO SPA Address of Applicant: Viale Fulvio Testi 330 I-20126 Milano Italy Italy (72)Name of Inventor: 1)Andrea STEVENAZZI 2)Lorenzo DE FERRA 3)Barbara PINTO
Filing Date	:NA :NA	
· · · · · · · · · · · · · · · · · · ·		

(57) Abstract:

The present invention refers to an iron (III) caseinsuccinylate characterised by a content of iron comprised between 4.5% and 7% by weight and by a solubility in water approximately greater than 92%. The present invention further refers to a method for preparing iron (III) caseinsuccinylate.

No. of Pages: 25 No. of Claims: 18

(22) Date of filing of Application :20/12/2012

(43) Publication Date: 20/11/2015

(54) Title of the invention: NON-FOULING ANTI-MICROBIAL ANTI-THROMBOGENIC GRAFT-FROM COMPOSITIONS

(51) International classification	:A61L 29/08, A61L 29/02, A61L 29/04	(71)Name of Applicant: 1)SEMPRUS BIOSCIENCES CORP.
(31) Priority Document No	:61/353,059	Address of Applicant :Kendall Square Building 1400 1st
(32) Priority Date	:09/06/2010	Floor Cambridge Massachusetts 02139 United States of America
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2011/039790	(72)Name of Inventor:
Filing Date	:09/06/2011	1)LI Jun
(87) International Publication No	: NA	2)ZHANG Zheng
(61) Patent of Addition to Application	:NA	3)HUVAL Chad
Number	:NA	4)BOUCHARD Michael
Filing Date		5)COURY Arthur J.
(62) Divisional to Application Number	:NA	6)LOOSE Christopher R.
Filing Date	:NA	

(57) Abstract:

A method for preparing and resulting articles of manufacture comprising a substrate having a surface, a bulk beneath the surface, and a grafted polymer layer on the substrate surface, the substrate surface and the grafted polymer layer, in combination, constituting a modified surface having a fibrinogen adsorption of less than about 125 ng/cm2 in a fibrinogen binding assay in which the modified surface is incubated for 60 minutes at 37 C in 70 μ g/mL fibrinogen derived from human plasma containing 1.4 μ g/mL I-125 radiolabeled fibrinogen.

No. of Pages: 185 No. of Claims: 34

(22) Date of filing of Application :20/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: THERMALLY CONDUCTIVE SILICONE GREASE COMPOSITION

(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 (72)Name of Inventor: 1)KATO Tomoko 2)NAKAYOSHI Kazumi (72)Name of Inventor: 1)KATO Tomoko 2)NAKAYOSHI Kazumi **NA** **NA**	 (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 	:Japan :PCT/JP2011/064336 :16/06/2011 : NA :NA :NA	1)KATO Tomoko
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(57) Abstract:

A thermally conductive silicone grease composition comprising at least the following components: (A) an organopolysiloxane which is liquid at 25° C and is represented by the following average compositional formula: R1a SiO(4-a)/2 where R1 is a monovalent hydrocarbon group; and a is a number ranging from 1.8 to 2.2; (B) a thermally conductive filler composed of constituents (B1) to (B3) given below wherein: constituent (B1) is spherical aluminum oxide powder with an average particle diameter ranging from 15 to 55 µm; constituent (B2) is spherical aluminum oxide powder with an average particle diameter ranging from 2 to 10 µm; constituent (B3) is aluminum oxide powder with an average particle size not exceeding 1 µm; and (C) an alkoxysily1-containing organopolysiloxane. The composition along with high thermal conductivity possesses excellent handleability and low coefficient of friction.

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

(22) Date of filing of Application :20/12/2012

(43) Publication Date: 20/11/2015

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSMITTING DOWNLINK CHANNEL MEASUREMENT REFERENCE SIGNAL AND METHOD AND APPARATUS FOR RECEIVING DOWNLINK CHANNEL MEASUREMENT REFERENCE SIGNAL

(51) International classification	:H04W 72/04	(71)Name of Applicant:
(31) Priority Document No	:201010195421.6	1)CHINA MOBILE COMMUNICATIONS
(32) Priority Date	:31/05/2010	CORPORATION
(33) Name of priority country	:China	Address of Applicant :29 Jinrong Ave. Xicheng District
(86) International Application No	:PCT/CN2011/074840	Beijing 100032 China. China
Filing Date	:30/05/2011	(72)Name of Inventor:
(87) International Publication No	: NA	1)XU Xiaodong
(61) Patent of Addition to Application	:NA	2)SHI Zhihua
Number	:NA	3)LIU Jianjun
Filing Date	.IVA	4)WANG Qixing
(62) Divisional to Application Number	:NA	5)LIU Guangyi
Filing Date	:NA	
(FE) 11		1

(57) Abstract:

A method and apparatus for transmitting a downlink channel measurement reference signal and a method and apparatus for receiving the downlink channel measurement reference signal are provided in the present invention. The transmission method comprises the following steps: a network side determines other Orthogonal Frequency Division Multiplexing (OFDM) symbols except the OFDM symbols used for transmitting control signal the OFDM symbols used for transmitting the Cell specific Reference Signal (CRS) and the OFDM symbols used for transmitting the Demodulation Reference Signal (DM-RS) and transmitting the downlink channel measurement reference signal (CSI-RS) on the determined other OFDM symbols. The specific solution that a transmitter transmits the downlink channel measurement reference signal and a UE receives the CSI-RS signal is provided by the present invention and transmitter could transmit and receive the CSI-RS signal according to the solution provided by the present invention.

No. of Pages: 43 No. of Claims: 20

(22) Date of filing of Application :20/12/2012 (43) Pr

(43) Publication Date: 20/11/2015

(54) Title of the invention: VACUUM DEGASSING APPARATUS AND VACUUM DEGASSING METHOD FOR MOLTEN GLASS AND APPARATUS AND PROCESS FOR PRODUCING GLASS PRODUCTS

(51) International classification	:C03B 5/225	(71)Name of Applicant :
(31) Priority Document No	:2010-149230	1)ASAHI GLASS COMPANY LIMITED
(32) Priority Date	:30/06/2010	Address of Applicant :5-1 Marunouchi 1-chome Chiyoda-ku
(33) Name of priority country	:Japan	TOKYO 100-8405 Japan. Japan
(86) International Application No	:PCT/JP2011/059863	(72)Name of Inventor:
Filing Date	:21/04/2011	1)Hiroaki Hamamoto
(87) International Publication No	: NA	2)Kazuo Ninomiya
(61) Patent of Addition to Application	:NA	3)Michito Sasaki
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1		·

(57) Abstract:

It is an object of the present invention to provide a vacuum degassing apparatus wherein even if bubbles of molten glass come into contact with an inner wall of an upper space of a vacuum degassing vessel to produce a molten glass flowing along the inner wall, such a molten glass can be discharged to the outside of the vacuum degassing vessel. The present invention is characterized in that the vacuum degassing vessel comprises a bottom wall portion, a side wall portion and a ceiling portion, that define a molten glass-accommodating portion and an upper space, the upper space is constituted by a combination of a plurality of crown refractories; among the plurality of crown refractories constituting the upper space, a crown refractory provided on an upper face of such a soldier refractory is disposed so that a lower portion of a face of the crown refractory facing to the inside of the vacuum degassing vessel is positioned more outside than the position of a molten-glass-contact surface of the soldier refractory, a storage portion for molten glass is formed between the upper face of the soldier refractory and a lower portion of the crown refractory disposed on the soldier refractory; and that a discharge path for molten glass communicating with the storage portion and the outside of the vacuum degassing vessel is formed, in a portion where the soldier refractory is joined with the crown refractory.

No. of Pages: 35 No. of Claims: 14

(22) Date of filing of Application :26/12/2012

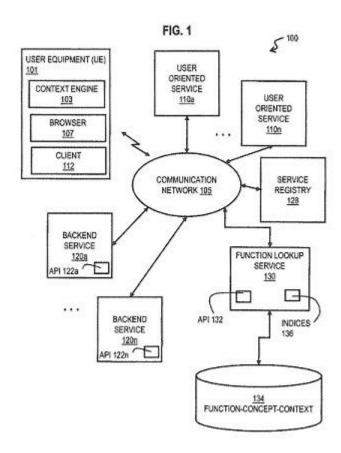
(43) Publication Date: 20/11/2015

(54) Title of the invention : METHOD AND APPARATUS FOR IDENTIFYING NETWORK FUNCTIONS BASED ON USER DATA

(51) International classification	:H04L 29/08 , G06F 17/30, H04M 1/725	(71)Name of Applicant: 1)NOKIA CORPORATION
(31) Priority Document No	:12/789,043	Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo
(32) Priority Date	:27/05/2010	Finland Finland
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/FI2011/050466	1)Sailesh Kumar Sathish
Filing Date	:24/05/2011	
(87) International Publication No	: NA	
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Techniques for identifying network functions include determining first data that indicates a concept represented in content provided by a device. A function provided by a network service is determined based on the first data. In some embodiments, techniques include forming a data structure that associates each function of a plurality of functions provided by a plurality of network services with at least one identifier for a concept. FIG.1



No. of Pages: 68 No. of Claims: 114

(22) Date of filing of Application :26/12/2012

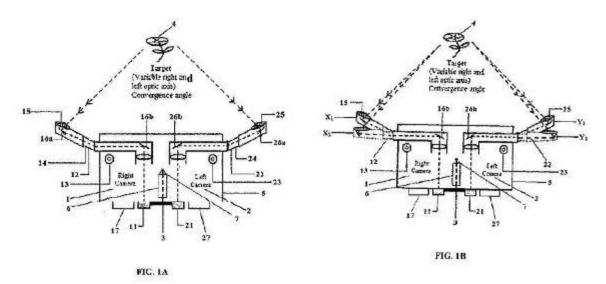
(43) Publication Date: 20/11/2015

(54) Title of the invention: VARIABLE THREE DIMENSIONAL CAMERA ASSEMBLY FOR STILL PHOTOGRAPHY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G03B35/08 :1988/CHE/2010 :13/07/2010 :India :PCT/IN2011/000145 :07/03/2011	(71)Name of Applicant: 1)MIRLAY Ram Srikanth Address of Applicant: 220A Bellary Road Sadashiv Nagar Bangalore 560 080 Karnataka India (72)Name of Inventor: 1)MIRLAY Ram Srikanth
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2012/007957 :NA :NA :NA :NA	

(57) Abstract:

The embodiments herein provide a variable three dimensional camera assembly for still photography. The assembly consists of a housing (5) to encase two cameras (1 2) for capturing and projecting left and right eye views. The telescopically movable arms (12.22) are fixed to the housing (5) and fixed with two objectives (15 25). The arms (12 22) are moved manually or using a motorized control to enable the objectives (15 25) to converge on a desired target simultaneously. The images captured by the cameras (1 2) are passed through the two eyepieces (11 21) to project a three dimensional image. A single common control unit (6) regulates the image processing units (3) provided for simultaneous three dimensional viewing of the images of the target object (4). A horizon parallel indicator system (7) is arranged to hold the cameras horizontally. A multi position primary lens/prism/mirrors complex unit (LMPC4) is provided to adjust the convergence accurately to improve the three dimensional effect.



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

(22) Date of filing of Application :26/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: A PARALLEL KINEMATICAL MACHINE WITH GIMBAL HOLDERS

 (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 	:10506236 :17/06/2010 :Sweden	(71)Name of Applicant: 1)EXECHON EMIRATES AB Address of Applicant: Orrvgen 26 S 192 55 Sollentuna Sweden (72)Name of Inventor: 1)NEUMANN Karl Erik 2)ANDERSSON Thomas 3)LARSSON Kristoffer 4)PALMQUIST Fredrik
(61) Patent of Addition to Application	:NA	3)LARSSON Kristoffer
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A parallel kinematical machine (20) that includes three setting devices (24.1 24.2 24.3) each of which can be lengthened and shortened individually wherein each setting device (24.1 24.2 24.3) is connected to a first a second and a third respective inner gimbal ring (23.1 23.2 23.3) of universal gimbal joints (UGJ) and that each inner gimbal ring (23.1 23.2 23.3) is mounted in bearings (25 26 27) for rotation in gimbal holders (21 22) which are rotationally mounted in outer gimbal bearings (28 29 39) in an outer mounting (290) wherein the first inner gimbal ring (23.1) and the third inner gimbal ring (23.3) are mounted for rotation in a common outer gimbal holder (21) which is mounted for rotation about a common gimbal axis (32 52) and in that the second inner gimbal ring (23.2) is mounted for rotation in a single gimbal holder (22) which is mounted in two opposite bearings for rotation about a second gimbal axis (31 51) which is not aligned with said common gimbal axis (32 52).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.10803/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: SOLID FORMS

(51) International classification :A61K9/20,A61K9/48,A61K9/16 (71) Name of Applicant: (31) Priority Document No :61/361091 1)FMC CORPORATION (32) Priority Date :02/07/2010 Address of Applicant: 1735 Market Street Philadelphia PA (33) Name of priority country :U.S.A. 19103 U.S.A. (86) International Application (72) Name of Inventor: :PCT/US2011/042147 No 1)ZHANG Yeli :28/06/2011 Filing Date (87) International Publication No:WO 2012/003181 (61) Patent of Addition to :NA **Application Number** :NA

(57) Abstract:

Number

Filing Date

Filing Date

(62) Divisional to Application

:NA

:NA

The present invention is directed to a solid form comprising an active ingredient and croscarmellose wherein: (i) the croscarmellose has a median particle size of = 56 microns (ii) the croscarmellose is present in an amount of = 4% by weight based on the total weight of the solid form and (iii) the solid form is a tablet capsule caplet lozenge or granule. The present invention is also directed to a method of decreasing the disintegration time (for example in water) of a solid form that comprises croscarmellose in an amount = 4% by weight based on the total weight of the solid form.

No. of Pages: 25 No. of Claims: 20

(22) Date of filing of Application :26/12/2012

(43) Publication Date: 20/11/2015

(54) Title of the invention : CRUSHING APPARATUS FOR A SUPERABSORBENT POLYMER AND METHOD FOR PRODUCING A SUPERABSORBENT POLYMER USING SAME •

(51) International classification	:B02C 18/18 , B02C 13/282	(71)Name of Applicant: 1)LG CHEM LTD.
(31) Priority Document No	:10-2010-0050638	Address of Applicant :20 Yoido-dong Youngdungpo-gu
(32) Priority Date	:28/05/2010	Seoul 150-72 Republic of Korea Republic of Korea
(33) Name of priority country	:Republic of Korea	(72)Name of Inventor:
(86) International Application No	:PCT/KR2011/003924	1)KIM Gi-Cheul
Filing Date	:27/05/2011	2)HAN Chang-Sun
(87) International Publication No	: NA	3)LEE Sang-Gi
(61) Patent of Addition to Application	:NA	4)KIM Kyu-Pal
Number	:NA	5)PARK Sung-Soo
Filing Date	.1 V /1	6)BAE Jin-Hyun
(62) Divisional to Application Number	:NA	7)WON Tae-Young
Filing Date	:NA	8)LEEM Gyu

(57) Abstract:

The present invention is to provide a shredder for super absorbent polymer that comprises: an inlet portion for feeding a plate-shaped super absorbent polymer; a pulverizing portion for pulverizing the super absorbent polymer fed through the inlet portion; and an outlet portion for discharging the pulverized super absorbent polymer from the pulverizing portion. The pulverizing portion comprises: a rotary drum to which a plurality of rotary blades are attached; at least fixed blade for pulverizing the super absorbent polymer in cooperation with the plural rotary blades; and a housing for holding the rotary drum and the at least one fixed blade. Each rotary blade has a shape of polygon with at least one vertex having an acute angle of at most 45°. The present invention is also to provide a preparation method for super absorbent polymer using the shredder for super absorbent polymer.

No. of Pages: 45 No. of Claims: 17

(22) Date of filing of Application :26/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: URETHANE FOAM FOR USE IN IMPREGNATING COSMETIC COMPOSITION

(51) International classification	:A61K 8/87 , A61K 8/72 , A61K 9/113	(71)Name of Applicant: 1)AMOREPACIFIC CORPORATION
(31) Priority Document No	:10-2011-0026466	Address of Applicant :181 2-ga Hangang-ro Yongsan-gu
(32) Priority Date	:24/03/2011	Seoul 140-777 Republic of Korea Republic of Korea
(33) Name of priority country	:Republic of Korea	(72)Name of Inventor:
(86) International Application No	:PCT/KR2012/002141	1)KIM Kyung Nam
Filing Date	:23/03/2012	2)CHOI Jung Sun
(87) International Publication No	: NA	3)SHIM Min Kyung
(61) Patent of Addition to Application	:NA	4)CHOI Kyung Ho
Number	:NA	5)CHOI Yeong Jin
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided is a polyether-based urethane foam for impregnating a cosmetic composition. The polyether-based urethane foam has excellent touch feel portability and stability.

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

(22) Date of filing of Application :26/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: CAPACITOR AND METHOD FOR PRODUCING THE SAME

 (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 	:H01G 9/016, H01G 9/058 :2010-123832 :31/05/2010 :Japan :PCT/JP2011/062200 :27/05/2011 : NA :NA :NA	(71)Name of Applicant: 1)SUMITOMO ELECTRIC INDUSTRIES LTD. Address of Applicant: 5-33 Kitahama 4-chome Chuo-ku Osaka-shi Osaka 5410041 Japan Japan (72)Name of Inventor: 1)OTA Nobuhiro 2)HOSOE Akihisa 3)MAJIMA Masatoshi 4)NITTA Koji 5)AWAZU Tomoyuki 6)OKUNO Kazuki 7)KATO Masahiro 8)SAKAI Shoichiro 9)INAZAWA Shinji
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(57) Abstract:

A capacitor has a positive electrode 10, a negative electrode 20, and a solid electrolyte layer arranged between the electrode layers 10 and 20. At least one 10 (20) of the electrode layers of this capacitor 100 has an Al porous body 11, and an electrode body 12 (13) held in this Al porous body 11 to polarize the electrolyte. The oxygen content in the surface of the Al porous body 11 is 3.1% by mass or less. The matter that the oxygen content in the surface of the Al porous body 11 is 3.1% by mass or less is equal to the matter that a high-resistance oxide film is hardly formed on the surface of the Al porous body 11. Thus, this Al porous body 11 makes it possible to make the current collector area of the electrode layer 10 (20) large so that the capacitor 100 can be improved in capacity.

No. of Pages: 91 No. of Claims: 21

(22) Date of filing of Application :26/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention : METHOD AND APPARATUS FOR DEVICE TRANSMIT POWER CAPPING IN WIRELESS COMMUNICATIONS

 (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 	52/24 :61/359,757 :29/06/2010 :U.S.A. :PCT/US2011/042463 :29/06/2011 : NA :NA :NA	(71)Name of Applicant: 1)QUALCOMM Incorporated Address of Applicant: Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121-1714 USA U.S.A. (72)Name of Inventor: 1)ZHOU Yan 2)MESHKATI Farhad 3)CHANDE Vinay 4)YAVUZ Mehmet 5)JIANG Yi
Filing Date	:NA	

(57) Abstract:

Methods and apparatuses are provided for determining a transmission power cap for one or more devices based at least in part on pathloss measurements to one or more access points received from the one or more devices. A common transmission power cap can also be computed for assigning to devices communicating with an access point and the transmission power cap for a given device can be adjusted when the transmission power is at or a threshold level from the common power cap to conserve signaling in the wireless network. Adjustment of the transmission power cap can additionally or alternatively be based on a received power at an access point related to signals from the device an interference report from one or more access points and/or the like.

No. of Pages: 81 No. of Claims: 75

(22) Date of filing of Application :26/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention : METHOD AND APPARATUS FOR MITIGATING INTERFERENCE IN FEMTOCELL DEPLOYMENTS

(51) International classification	:H04B 17/00, H04W 52/24 , H04W 52/34	(71)Name of Applicant: 1)OUALCOMM Incorporated
 (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 	:61/359,762 :29/06/2010 :U.S.A.	1)QUALCOMM Incorporated Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121-1714 USA U.S.A. (72)Name of Inventor: 1)ZHOU Yan 2)MESHKATI Farhad 3)CHANDE Vinay 4)YAVUZ Mehmet
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Methods and apparatuses are provided for determining one or more parameters of an access point that can be set or adjusted to mitigate interference to other access points. A rise-over-thermal (RoT) threshold can be set at an access point based on one or more parameters such as pathloss measurements location of the access point etc. such that interference from devices communicating with the access point can be mitigated. In addition a noise floor RoT threshold etc. can be adjusted based on determining a transmit power difference out-of-cell interference and/or similar measurements.

No. of Pages: 71 No. of Claims: 62

(22) Date of filing of Application :20/12/2012

(43) Publication Date: 20/11/2015

(54) Title of the invention: CARBONATION APPARATUS AND METHOD FOR FORMING A CARBONATED BEVERAGE

(51) International classification	:A23L 2/54, B01F 3/04	(71)Name of Applicant: 1)IMI CORNELIUS INC.
(31) Priority Document No	:61/398,631	Address of Applicant :101 Regency Drive Glendale Heights
(32) Priority Date	:29/06/2010	IL 60139 United States of America. U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/US2011/042374	1)KUMAR Santhosh
Filing Date	:29/06/2011	2)JABLOSKI Ted
(87) International Publication No	: NA	3)MALAGI Jayateertha
(61) Patent of Addition to Application	:NA	4)SERVESH A.r.
Number	:NA	5)KULKARNI Nishant
Filing Date	.INA	6)MALAVAT Ravi
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An inline carbonation apparatus that includes a fluid tube having an inner diameter. At least one water orifice is linked to a water source and is attached to one end of the fluid tube. The water orifice includes a plurality of holes atomizing water that passes therethrough. A carbon dioxide orifice is linked to a carbon dioxide source and is attached to the fluid tube in a spaced relationshiop from the water orifice. The atomized water has a pressure less than the carbon dioxide such that carbon dioxide is absorbed into the water forming carbonated water having a specified volume of carbonation.

No. of Pages: 21 No. of Claims: 38

(22) Date of filing of Application :20/12/2012

(43) Publication Date: 20/11/2015

(54) Title of the invention : THERMOTHERAPY DEVICE HAVING BODY SCAN FUNCTION AND METHOD FOR SCANNING BODY USING SAME

 (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 	21/04, A61B 5/103 :10-2010-0061315 :28/06/2010 :Republic of Korea	(71)Name of Applicant: 1)CERAGEM CO. LTD. Address of Applicant:177-14 Osaekdang-ri Seonggeo-eup Seobuk-gu Cheonan-si Chungcheongnam-do 331-831 Republic of Korea. Republic of Korea (72)Name of Inventor: 1)Jae-Yeon JEON 2)Sang-Ui CHOI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present embodiment provides a thermotherapy device having a body scan function and the thermotherapy device comprises: a thermo-ceramic unit which moves in a lengthwise direction of the backbone of a user; a transfer motor unit which moves said thermo-ceramic unit; a motor variation generation module which measures a load variation of said transfer motor unit; and a backbone information generation module which generates information on the backbone shape of the user by using data of said motor variation generation module.

No. of Pages: 65 No. of Claims: 17

(22) Date of filing of Application :20/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: METHOD FOR CODING A LOCK AND BLANK FOR PERFORMING SAID METHOD

(51) International classification	:E05B 35/00, B23P 15/00, H01H 27/00	(71)Name of Applicant : 1)HAAKE Andr
(31) Priority Document No	:10 2010 038 105.5	Address of Applicant :Pfarrer-Lauvers-Str. 4 48703 Stadtlohn
(32) Priority Date	:11/10/2010	Germany Germany
(33) Name of priority country	:Germany	2)HAAKE Oliver
(86) International Application No	:PCT/DE2011/075235	3)HAAKE Patrick
Filing Date	:27/09/2011	(72)Name of Inventor:
(87) International Publication No	: NA	1)HAAKE Andr
(61) Patent of Addition to Application	:NA	2)HAAKE Oliver
Number	:NA	3)HAAKE Patrick
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a method for coding a key and a female lock part for a lock for a locking system wherein a blank is separated into two parts by a separating cut guided perpendicularly to the longitudinal axis and in the direction of the longitudinal axis of the blank and the two parts are then post-processed to form the key and the female lock part or are connected to the key and the female lock part as coding disks wherein the separating cut can be guided perpendicularly to the longitudinal axis and at the same time in the direction of the longitudinal axis of the blank.

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

(22) Date of filing of Application :27/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: SECONDARY THERMAL SENSOR FOR PRIMARY CONDUCTORS

 (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 	:12/832801 :08/07/2010 :U.S.A.	(71)Name of Applicant: 1)SCHNEIDER ELECTRIC USA INC. Address of Applicant:1415 S. Roselle Road Palatine Illinois 60067 U.S.A. (72)Name of Inventor: 1)MOFFITT Ryan James 2)STUDER Richard Allen II
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(57) Abstract:

A thermal sensing system for providing thermal protection to an electronic circuit breaker that does not require any additional components. The layout of the conductive traces on the printed circuit board are dimensioned and configured so that the ratio of primary current to primary conductor thermal mass heating is correlated with the ratio of secondary current to secondary thermal mass heating. A voltage at a semiconductor junction in the rectifier behind the secondary transformer is measured and a temperature or heat is calculated based on the voltage. Because this temperature or heat calculation is correlated with the temperature or heat of the primary conductor a trip routine can be added based on the measured voltage for thermal protection of the primary conductors. A thermal history of the primary thermal mass is also provided for robust thermal protection of the circuit breaker load and primary conductors.

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

(22) Date of filing of Application :27/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention : CARBOXY ESTER KETAL REMOVAL COMPOSITIONS METHODS OF MANUFACTURE AND USES THEREOF

(51) International (71)Name of Applicant: :G03F7/42,C07D317/24,C07D317/12 1)SEGETIS INC. classification (31) Priority Document No :61/372978 Address of Applicant :680 Mendelssohn Avenue N Golden Valley MN 55427 U.S.A. (32) Priority Date :12/08/2010 (33) Name of priority (72) Name of Inventor: :U.S.A. country 1)RIETH Lee Richard (86) International 2)TJOSAAS Matthew J. :PCT/US2011/047618 Application No 3)YONTZ Dorie J. :12/08/2011 Filing Date (87) International :WO 2012/021824 Publication No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number**

(57) Abstract:

Filing Date

1234567A removal composition is described having a plurality of abrasive particles an organic amine antioxidant biocide colorant corrosion inhibitor cosolvent defoamer dye enzyme light stabilizer odor masking agent plasticizer preservative rust inhibitor surfactant thickener or a combination comprising at least one of the foregoing; from 0 to 1% water based on the total weight of the removal composition; and a ketal adduct of formula (I) wherein R is C1 6 alkyl R is hydrogen or C1 3 alkyl each R R and R is independently hydrogen or Cl 6 alkyl R and R are each independently hydrogen or Cl 6 alkyl a=0 3 and b=0 1.

No. of Pages: 38 No. of Claims: 29

:NA

(22) Date of filing of Application :26/12/2012

(43) Publication Date: 20/11/2015

(54) Title of the invention : SYSTEM AND METHOD FOR GENERATING AND UPDATING PCC RULES BASED ON SERVICE REQUESTS

Filing Date :27/06/2011 (87) International Publication No :WO 2012/001 (61) Patent of Addition to Application Number Filing Date :NA	(71)Name of Applicant: 1)ALCATEL LUCENT Address of Applicant: 3 avenue Octave Grard F 75007 Paris France (72)Name of Inventor: 1)SIDDAM Kalyan Premchand 2)MA Haiqing 3)LALSETA Sachin 4)CUERVO Fernando
(62) Divisional to Application Number :NA Filing Date :NA	

(57) Abstract:

Various exemplary embodiments relate to method of generating PCC rules for managing packet traffic across a network. The method may include: receiving a request message for PCC rules from a requesting network component authorizing the first requested bandwidth for a first traffic mapping; authorizing a third bandwidth for at least a second traffic mapping wherein the third authorized bandwidth is less than or equal to a second requested bandwidth minus the first requested bandwidth; generating a first PCC rule comprising: a service flow corresponding to the first traffic mapping and the first authorized bandwidth; and generating a second PCC rule comprising: a service flow corresponding to the second traffic mapping and the third authorized bandwidth. Various exemplary embodiments relate to a Policy and Control Rules Node (PCRN) for generating PCC rules. The PCRN may include an interface service flow extractor policy engine rule generator rules storage and rules manager.

No. of Pages: 42 No. of Claims: 10

(21) Application No.10792/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/12/2012 (43) Publication Date: 20/11/2015

(54) Title of the invention: FIXED CALIPER BRAKE AND BRAKE PAD FOR A FIXED CALIPER BRAKE

(51) International :F16D55/228,F16D65/092,F16D65/097 classification

(31) Priority Document :10 2010 029 679.1

:02/06/2010 (32) Priority Date (33) Name of priority :Germany

country

(86) International :PCT/EP2011/058543 Application No

:25/05/2011 Filing Date

(87) International :WO 2011/151235 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA Application Number :NA Filing Date

(71)Name of Applicant:

1) CONTINENTAL TEVES AG & CO. OHG

Address of Applicant: Guerickestrae 7 60488 Frankfurt

Germany

(72) Name of Inventor:

1)FREUND Verena

2)KRISTEN Dieter

3)PASCHKE Klaus Dieter

4) REHM Joachim

(57) Abstract:

No. of Pages: 37 No. of Claims: 26

[.] Abstract The invention relates to a fixed caliper brake 1 for a motor vehicle, comprising a housing 2 with two housing limbs 3, 4 and a housing bridge 5 connecting the housing limbs 3, 4 in a flexurally rigid manner at a defined distance from one anoth ¬er, pistons 13, 14 which are received in bores 8, 9 in the housing limbs 3, 4 and are guided displaceably along an axis A in relation to the brake disk, and brake pads 6, 7 which are provided in pairs, are guided in an axially displaceable man ner in the housing 2 and are arranged in the circumferential direction u while being supported against circumferential forces, each brake pad 6, 7 being actuable directly by at least one piston 13, 14. It is proposed that the brake pads 6, 7 are supported in a form-fitting manner on the housing bridge 5 at least on the run-in side. Furthermore, a brake pad 6, 7 is proposed wherein at least each arm on the run-in side is configured with a hook shape which is open on the radially outer side and serves at least partially for form-fitting abutment against the housing 2. (Fig. 9)

(12) PATENT APPLICATION PUBLICATION

(21) Application No.10796/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: TAP CHANGER

(51) International classification	:H01H9/00,H01F29/04	(71)Name of Applicant:
(31) Priority Document No	:10 2010 024 612.3	1)MASCHINENFABRIK REINHAUSEN GMBH
(32) Priority Date	:22/06/2010	Address of Applicant :Falkensteinstrasse 8 93059 Regensburg
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2011/002120	(72)Name of Inventor:
Filing Date	:28/04/2011	1)HAMMER Christian
(87) International Publication No	:WO 2011/160743	
(61) Patent of Addition to Application	.NT A	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a tap changer (10) for switching among at least two winding taps (12 14) of a step transformer (16) without interruption wherein a load branch having a path (18) comprising a series arrangement of at least one vacuum switching tube (MSV) and at least one mechanical switching element (MTF) is provided and wherein two resistor branches (20 22) are provided each comprising a series arrangement of at least one vacuum switch tube (TTV1; TTV2) at least one mechanical switching element (TTF1; TTF2) and a resistor (R1; R2). The at least two winding taps (12 14) can be variably coupled to each other and/or can be exposed to a load tap line (LA). The at least three vacuum switching tubes (TTV1; TTV2; MSV) and at least three mechanical switching elements (TTF1; TTF2; MTF) in total can be switched jointly in different switching directions at a defined time offset from each other. In addition the mechanical switching element (MTF) in the load branch has a switch over time between the two winding taps (12 14) of the step transformer (16) at which switch over time the contact of the vacuum switching tube (MSV) connected in series with the mechanical switching element (MTF) is opened.

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

(22) Date of filing of Application :31/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: NONINVASIVE DETECTION OF FETAL GENETIC ABNORMALITY •

 (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 	:C12Q 1/68 :NA :NA	(71)Name of Applicant: 1)BGI SHENZHEN CO. LIMITED Address of Applicant: MAIN BUILDING 11F-3 BEISHAN INDUSTRIAL ZONE BEISHAN ROAD 146 YANTIAN DISTRICT SHENZHEN GUANGDONG 518083 CHINA China (72)Name of Inventor: 1)JIANG Fuman 2)CHEN Huifei 3)CHAI Xianghua 4)YUAN Yuying 5)ZHANG Xiuqing 6)CHEN Fang
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(57) Abstract:

The current invention is directed to methods for noninvasive detection of fetal genetic abnormalities by large-scale sequencing of nucleotides from maternal biological sample. Further provided are methods to remove GC bias from the sequencing results because of the difference in GC content of a chromosome. The current invention not only makes the detection much more accurate but also represents a comprehensive method for fetal aneuploidy detection including sex chromosome disorders such as XO, XXX, XXY, and XYY, etc.

No. of Pages: 39 No. of Claims: 67

(22) Date of filing of Application :31/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: SIGNALING RANDOM ACCESS POINTS FOR STREAMING VIDEO DATA •

 (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	:H04N 7/24 :61/359,748 :29/06/2010 :U.S.A. :PCT/US2011/042444 :29/06/2011 : NA :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 U.S.A. (72)Name of Inventor: 1)CHEN Ying 2)KARCZEWICZ Marta
. ,		Z)KARCZEWICZ Warta
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This disclosure describes techniques relevant to HTTP streaming of media data. According to these techniques, a server device may signal an open decoding refresh (ODR) random access point (RAP) for a movie segmentation of a movie representation. At least one frame of the media segmentation following the ODR RAP frame in decoding order may not be correctly decoded, and wherein each frame of the media segmentation following the ODR RAP frame in display order can be correctly decoded without relying on content of frames prior to the ODR RAP in display order. According to the techniques of this disclosure, a client device may communicate a request to a server device for the streaming of media data based on signaling of the ODR RAP. Also according to the techniques of this disclosure, a client device may commence decoding and/or playback of the movie representation based on signaling of the ODR RAP. [Figure 1]

No. of Pages: 78 No. of Claims: 48

(22) Date of filing of Application :31/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention : SYSTEM AND METHOD FOR FLOW CONTROL IN A MULTI-POINT HSDPA COMMUNICATION NETWORK ullet

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	7/02, H04W 28/10 :61/359,326 :28/06/2010 :U.S.A. :PCT/US2011/042248 :28/06/2011	(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. U.S.A. (72)Name of Inventor: 1)ZHANG Danlu
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	2)SAMBHWANI Sharad Deepak 3)KAPOOR Rohit 4)HOU Jilei 5)GE Weiyan

(57) Abstract:

A base station (e.g., a Node B (704) in a Multi-Point HSDPA network) calculates an amount of data to request from a network node (e.g., a radio network controller or RNC (702)). As a part of the algorithm utilized, a length of a queue at the Node B (704) for buffering the flow may be dynamically adjusted in an effort to optimize the trade-off between buffer underrun and skew. Further, a network node (e.g., the RNC (702)) responds to Node B (704) flow control requests. Here, the RNC (702) may determine the amount of data to send to the Node B (704) in response to the flow control message from the Node B (704), and may send the data to the Node B (704). In various aspects of the present disclosure involving a Multi-Point HSDPA system, the flow control algorithm at the RNC (702) coordinates packet flow to the primary serving cell and the secondary serving cell for the UE (708). [Fig. 9]

No. of Pages: 53 No. of Claims: 48

(22) Date of filing of Application :31/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention : TOUCHLESS SENSING AND GESTURE RECOGNITION USING CONTINUOUS WAVE ULTRASOUND SIGNALS \bullet

 (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 	:G06F :61/359,728 :29/06/2010 :U.S.A. :PCT/US2011/042452 :29/06/2011 : NA :NA :NA :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 U.S.A. (72)Name of Inventor: 1)LI Ren 2)LEE Te-Won 3)NELSON Hui-ya L. 4)GUPTA Samir K.
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(57) Abstract:

The embodiments provide systems and methods for touchless sensing and gesture recognition using continuous wave sound signals. Continuous wave sound, such as ultrasound, emitted by a transmitter may reflect from an object, and be received by one or more sound receivers. Sound signals may be temporally encoded. Received sound signals may be processed to determine a channel impulse response or calculate time of flight. Determined channel impulse responses may be processed to extract recognizable features or angles. Extracted features may be compared to a database of features to identify a user input gesture associated with the matched feature. Angles of channel impulse response curves may be associated with an input gesture. Time of flight values from each receiver may be used to determine coordinates of the reflecting object. Embodiments may be implemented as part of a graphical user interface. Embodiments may be used to determine a location of an emitter. [Figure 2]

No. of Pages: 78 No. of Claims: 69

(12) PATENT APPLICATION PUBLICATION

(21) Application No.10612/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/12/2012 (43) Publication Date: 20/11/2015

(54) Title of the invention: CURRENT TRANSFORMER DEVICE

(51) International classification (31) Priority Document No :10166973.7 (32) Priority Date :23/06/2010 :EPO

(33) Name of priority country

(86) International Application No :PCT/EP2011/060387 Filing Date :22/06/2011

(87) International Publication No :WO 2011/161129

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

:H01F38/30,H02B13/035 (71)Name of Applicant : 1)ABB TECHNOLOGY AG

Address of Applicant : Affolternstrasse 44 CH 8050 Z¹/₄rich

Switzerland

(72) Name of Inventor:

1)SOLOGUREN SANCHEZ Diego

2)SABANI Arben 3)WEHNER Rene

(57) Abstract:

The invention relates to a gas insulated medium or a high voltage switching station (GIS) comprising a current transformer unit (1 2 3) having an essentially rotationally symmetrical current transformer centre (10 20 30) having a central axis (15 25 35) and holding means (50 60 70) for fixing the current transformer centre in relation to a nominal conductor (90 100 110). The holding means are formed such that the current transformer centre can be fixed in a position which is eccentric to the nominal conductor so that a minimum reference distance (81) which can be reached by the provided outer diameter (12 22 32) of the current transformer centre can be reduced due to the offset (a) of the central axis of the current transformer in relation to the longitudinal axis of the nominal conductor which extends parallel.

No. of Pages: 28 No. of Claims: 21

(22) Date of filing of Application :20/12/2012

(43) Publication Date: 20/11/2015

(54) Title of the invention : COOKWARE AND COOK PACKS FOR NARROWBAND IRRADIATION COOKING AND SYSTEMS AND METHODS THEREOF

(51) International classification	:A47J36/04	(71)Name of Applicant :
(31) Priority Document No	:61/353782	1)PRESSCO IP LLC
(32) Priority Date	:11/06/2010	Address of Applicant :29200 Aurora Road Solon OH 44139
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2011/040237	(72)Name of Inventor:
Filing Date	:13/06/2011	1)COCHRAN Don W.
(87) International Publication No	:WO 2011/156823	2)KATZ Jonathan M.
(61) Patent of Addition to Application	:NA	3)JOHNSON Benjamin D.
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A methodology and product or system configurations are provided which allow food to be directly irradiated for cooking applications which involve the impingement of direct radiant energy on food or comestible items. Cooking vessels or cook packs are used that are optically transmissive in visible or infrared narrow wavelength bands emitted in suitable narrowband cooking or heating systems.

No. of Pages: 37 No. of Claims: 21

(22) Date of filing of Application :20/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: C4 DICARBOXYLIC ACID PRODUCTION IN FILAMENTOUS FUNGI

(51) International classification	:C07K 14/39 , C12N 9/00 , C12N 9/04	(71)Name of Applicant: 1)NOVOZYMES INC.
(31) Priority Document No	:61/351,425	Address of Applicant :1445 Drew Avenue Davis California
(32) Priority Date	:04/06/2010	95618 United States of America U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/US2011/038881	1)MCFARLAND Sarah
Filing Date	:02/06/2011	2)FISCHER Amanda
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to methods of producing C4 dicarboxylic acids such as malic acid comprising: (a) cultivating a host cell comprising a polynucleotide encoding a C4 dicarboxylic acid transporter; and (b) recovering the C4 dicarboxylic acid. The present invention also relates to methods for increasing C4 dicarboxylic acid production as well as host cells comprising the polynucleotides.

No. of Pages: 77 No. of Claims: 21

(22) Date of filing of Application :20/12/2012

(43) Publication Date: 20/11/2015

(54) Title of the invention: NOTCH-REDUCED COMPOSITE JOINT

(51) International classification	:F03D 1/06	(71)Name of Applicant:
(31) Priority Document No	:10168803.4	1)LM GLASFIBER A/S
(32) Priority Date	:08/07/2010	Address of Applicant :Jupitervej 6 DK-6000 Kolding
(33) Name of priority country	:EPO	Denmark. Denmark
(86) International Application No	:PCT/EP2011/061622	(72)Name of Inventor:
Filing Date	:08/07/2011	1)NIELSEN Lars
(87) International Publication No	: NA	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1171	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A wind turbine blade comprising a profiled hollow contour at least one reinforcing beam (15) placed between two shell body parts (13 14) the beam comprising a first beam flange (16a) and an opposing second beam flange (16b) a beam body (17) connected to the first beam flange (16a) by a first transition area (32a) and connected to the second beam flange (16b) by a second transition area (32b). The beam body comprises a beam core (22). The beam core (22) comprises a first outer core surface (24a) and an opposite second outer core surface (24b). The beam body further comprises a web (50) arranged on the outer core surfaces. The flanges (16a 16b) and the web (50) are made from a fibre-reinforced polymer. The transition areas (32a 32b) comprise notch-reducing mean formed of rounded corners of the beam core (22). Fig 5

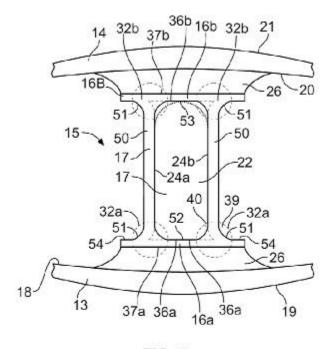


FIG. 5

No. of Pages: 22 No. of Claims: 15

(22) Date of filing of Application :29/07/2013

(43) Publication Date: 20/11/2015

(54) Title of the invention : A METHOD FOR PLACEMENT OF VARIABLE LENGTH GUIDE VANES FOR FLOW CONTROL IN MANIFOLDS

(51) International classification	:A47/L	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Indian Institute of Technology Madras
(32) Priority Date	:NA	Address of Applicant :Indian Institute of Technology Madras
(33) Name of priority country	:NA	(IIT Madras), IIT PO, Chennai - 600036 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Sreenivas Jayanti
(87) International Publication No	: NA	2)K. Srinivasan
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method and system for determining length and orientation of a guide vane to be placed at each output channel of a manifold for optimal flow distribution at each output channel of the manifold is provided. The method provides a simpler approach that requires minimal on-site configuration changes providing optimal accuracy at design level. The method applies Computational Fluid Dynamics (CFD) to parameters provided by the user to simulate the flow distribution through each output channel of the manifold. Further, the method utilizes a Box complex method or the variants for deriving the optimal values of length and orientation parameters for each of the guide vanes. FIG. 2

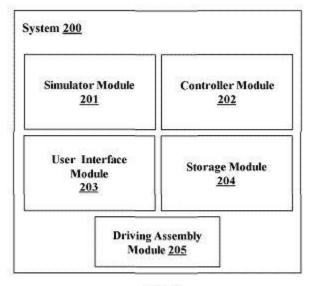


FIG. 2

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

(22) Date of filing of Application :21/12/2012

(43) Publication Date: 20/11/2015

(54) Title of the invention : INORGANIC-ORGANIC HYBRID MATERIAL OPTICAL MATERIAL USING THE SAME AND INORGANIC-ORGANIC COMPOSITE COMPOSITION •

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:C08L 33/08 , C08F 2/44, C08K 3/22 :2010-142785 :23/06/2010 :Japan :PCT/JP2011/064259	(71)Name of Applicant: 1)NIPPON KASEI CHEMICAL COMPANY LIMITED Address of Applicant: 34 Aza Takayama Onahama Iwakishi Fukushima 971-8101 Japan Japan (72)Name of Inventor: 1)YAMAZAKI Masanori
(87) International Publication No(61) Patent of Addition to ApplicationNumberFiling Date	: NA :NA :NA	3)YAMAUCHI Ritsuko 4)KATOU Yuuichi 5)TAKAKI Atsushi
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention is to provide an inorganic-organic hybrid material which makes it possible to supply an optical material that combines flexibility and a high refractive index, which are inconsistent functions, and that has low yellowness and high transparency. The invention relates to an inorganic-organic hybrid material which comprises an inorganic component and an organic component, has a content of the inorganic component of 20-80% by mass, and has a refractive index of 1.60 or higher, wherein, when preparing a strip specimen having a thickness of 1,000 |im, a width of 5 mm and a length of 70 mm by using the inorganic-organic hybrid material and winding the specimen by 180° on a cylindrical metal rod having a diameter of 10 mm at 25°C, the specimen does not crack. Also, the invention relates to an inorganic-organic composite composition which comprises: radiation-curable monomers; inorganic particles having a crystallite diameter, as calculated from the half-value width of a crystalline peak determined by X-ray diffractometry, of 1-10 nm; and a sulfur-containing organic compound, wherein the radiation-curable monomers comprise a monofunctional radiation-curable monomer and a multifunctional radiation-curable monomer, and the content of the sulfur-containing organic compound is 1.5-10% by mass in terms of sulfur atom amount.

No. of Pages: 72 No. of Claims: 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.10680/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: SELF PUMPING SUSPENSION STRUT

(51) International classification :B60G13/08,B60G17/044,B60G17/048

(31) Priority Document No:10 2010 029 387.3

(32) Priority Date :27/05/2010 (33) Name of priority :Germany

country

(86) International :PCT/EP2011/055159

Application No Filing Date :04/04/2011

(87) International Publication No :WO 2011/147613 A3

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:

1)ZF FRIEDRICHSHAFEN AG

Address of Applicant :88038 Friedrichshafen Germany

(72)Name of Inventor:
1)RENNINGER Markus

(57) Abstract:

Self-pumping suspension strut with internal level regulation, for example for motor vehicles, comprising a fluid-filled working cylinder (19) pressurized with the pressure of the fluid acting as a spring, in whose working space (3, 31) a hollow piston rod (1) is guided in a sealed manner, into which there projects a pump piston (4, 6) attached to the working cylinder (19) which, during relative movements between the working cylinder (19) and the piston rod (1), delivers fluid from the working space (3, 31) into a pressure chamber (13) in which the pressure is higher than in the working space (3, 31), and comprising flow connections (5, 17, 18, 32) between the pressure chamber (13) and the working space (3, 31) for the selective setting of a specifiable dynamic level determined by the extension length of the piston rod (1), such that for the selective co-operation of the axially and circumferentially spaced flow connections (5, 17, 18, 32) the piston rod (1) can be rotated by means of a rotating device (33). Fig. 1

No. of Pages: 17 No. of Claims: 9

(22) Date of filing of Application :21/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: SINGLE CHAIN VARIABLE FRAGMENT ANTI CD133 ANTIBODIES AND USES THEREOF

(51) International classification :C07K16/28,A61K39/395,C07K16/30

(31) Priority Document No :61/348,348 (32) Priority Date :26/05/2010

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

(86) International :PCT/US2010/059827

Application No Filing Date :10/12/2010

(87) International Publication No :WO 2011/149493

(61) Patent of Addition to Application Number Filing Date :NA

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:

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55114 8658 U.S.A.

(72)Name of Inventor:1)OHLFEST John R.2)PANYAM Jayanth

3)SWAMINATHAN Suresh Kumar

4)VALLERA Daniel A.

(57) Abstract:

Disclosed herein are a monoclonal antibody that specifically binds to human CD 133 and single chain variable fragments thereof. Also disclosed herein is a hybridoma that produces the monoclonal antibody that specifically binds to human CD133.

No. of Pages: 139 No. of Claims: 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3402/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :30/07/2013 (43) Publication Date : 20/11/2015

(54) Title of the invention : A METHOD AND SYSTEM FOR MANAGING THE DATA FOR USER INTERACTION IN AN INDUSTRIAL AUTOMATION SYSTEM

(51) International classification(31) Priority Document No(32) Priority Date	:H06F :NA :NA	(71)Name of Applicant: 1)ABB RESEARCH LTD. Address of Applicant: AFFOLTERNSTRASSE 44, CH-8050,
(33) Name of priority country	:NA	ZURICH Switzerland
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SRINI RAMASWAMY
(87) International Publication No	: NA	2)SUSANNE CROUCH
(61) Patent of Addition to Application Number	:NA	3)DHAVAL VYAS
Filing Date	:NA	4)WAGESH KULKARNI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A METHOD AND SYSTEM FOR MANAGING THE DATA FOR USER INTERACTION IN AN INDUSTRIAL AUTOMATION SYSTEM The present invention provides a method and system for managing the data of an industrial automation system. In a preferred embodiment, the data is provided in the form of retrievable information and the extent of access to the data is determined by the authentication information provided by the user for the data. Figure 1

No. of Pages: 13 No. of Claims: 15

(22) Date of filing of Application:19/12/2012 (43) Publication Date: 20/11/2015

(54) Title of the invention: ASSET IDENTIFICATION AND MANAGEMENT METHOD AND SYSTEM

(51) International classification	:G06Q 10/00, G06F 1/26, H01R 13/46	(71)Name of Applicant: 1)AMERICAN POWER CONVERSION CORPORATION
(31) Priority Document No	:12/788,589	Address of Applicant :132 Fairgrounds Road West Kingston
(32) Priority Date	:27/05/2010	RI 02892 United States of America. U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/US2011/038104	1)JANSMA Michael
Filing Date	:26/05/2011	
(87) International Publication No	: NA	
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

A power distribution apparatus includes a reader one or more electrical outlets and one or more antennas mounted in proximate relation to one or more of the electrical outlets. An asset includes a power cord having a transponder attached thereto and the power cord may be coupled to one of the electrical outlets. A method for identifying and managing an asset includes mounting the power distribution apparatus in an equipment rack reading by the reader through one or more of the antennas identification data contained in the transponder communicating information including the identification data through a network to a controller and determining by the controller a control action based on the information.

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

(22) Date of filing of Application: 19/12/2012 (43) Publication Date: 20/11/2015

(54) Title of the invention : SYSTEM FOR SELF-POWERED WIRELESS MONITORING OF ELECTRICAL CURRENT POWER AND ENERGY

 (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 	:26/05/2011 : NA :NA	(71)Name of Applicant: 1)AMERICAN POWER CONVERSION CORPORATION Address of Applicant: 132 Fairgrounds Road West Kingston RI 02892 United States of America. U.S.A. (72)Name of Inventor: 1)PAIK Namwook 2)DEOKAR Vishwas Mohaniraj 3)DONALDS James H.
(61) Patent of Addition to Application	:NA :NA	•
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

According to one aspect embodiments of the invention provide a system for monitoring at least one circuit branch coupled to a power line the system comprising at least one first module comprising a Current Transformer (CT) configured to be coupled to the at least one circuit branch and to produce a reference signal having a level related to a current level of the at least one circuit branch a rectifier coupled to the CT and configured to produce a rectified reference signal a capacitor coupled to the rectifier and a first microcontroller coupled to the capacitor and the rectifier wherein the capacitor is configured to store energy from the rectified reference signal and wherein the first microcontroller is configured to be powered by the energy stored in the capacitor and to sample the rectified reference signal to determine the current level of the at least one circuit branch.

No. of Pages: 30 No. of Claims: 15

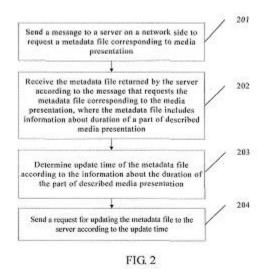
(22) Date of filing of Application :19/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: METHOD APPARATUS AND SYSTEM FOR UPDATING METADATA FILE

 (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 	:H04L 29/08 :201010208033.7 :15/06/2010 :China :PCT/CN2011/074978 :31/05/2011 : NA :NA	(71)Name of Applicant: 1)HUAWEI TECHNOLOGIES CO. LTD. Address of Applicant: Huawei Administration Building Bantian Longgang District Shenzhen Guangdong 518129 P. R. China China (72)Name of Inventor: 1)ZHANG Shaobo
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

The present invention relates to the communication field, and discloses a method, an apparatus, and a system for updating a metadata file to overcome the incapability of the prior art in determining accurately the time of updating the metadata file. The technical solutions provided in the embodiments of the present invention include: sending a message to a server on a network side to request a metadata file corresponding to media presentation; receiving a metadata file returned by the server according to the message that requests the metadata file corresponding to the media presentation, where the metadata file includes information about duration of a part of described media presentation; determining update time of the metadata file according to the information about the duration of the part of described media presentation; and sending a request for updating the metadata file to the server according to the update time. The embodiments of the present invention are applicable in an HTTP-based streaming service system. Refer to Figure 2



No. of Pages: 47 No. of Claims: 23

(21) Application No.10603/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: 2-IMINOBIOTIN FORMULATIONS AND USES THEREOF

:A61K 47/40, A61K	(71)Name of Applicant: 1)NEUROPHYXIA B.V.
:10163925.0	Address of Applicant :Onderwijsboulevard 219 NL-5223 DE
:26/05/2010	s-Hertogenbosch Netherlands Netherlands
:EPO	(72)Name of Inventor:
:PCT/NL2011/050366	1)LEUFKENS Paul Willem Theresia Josef
:26/05/2011	
: NA	
·NA	
.11/1	
:NA	
:NA	
	31/724, A61K 47/12 :10163925.0 :26/05/2010 :EPO :PCT/NL2011/050366 :26/05/2011 : NA :NA :NA

(57) Abstract:

The disclosure relates to improving the aqueous solubility of 2-iminobiotin. In a particular aspect the invention pertains to formulations suitable for administration of 2-iminobiotin to mammals suffering from disorders or conditions that benefit from said administration.

No. of Pages: 73 No. of Claims: 15

(22) Date of filing of Application :18/04/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: A FURNACE FOR PREPARING A SYNTHESIS GAS

 (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 	:C01B :2003-59898 :06/03/2003 :Japan :PCT/JP2004/02795 :05/03/2004 : NA :NA	(71)Name of Applicant: 1)INPEX CORPORATION Address of Applicant:5-3-1 AKASAKA, MINATO-KU, TOKYO Japan 2)TOTAL GAS & POWER VENTURES 3)TOYOTA TSUSHO CORPORATION 4)JAPAN PETROLEUM EXPLORATION, CO. LTD. (72)Name of Inventor: 1)OKUYAMA, KEIICHI 2)SHIKADA, TSUTOMU 3)MOGI, YASUHIRO 4)SUZUKI, TOSHIFUMI
11		4)SUZUKI, TOSHIFUMI 5)MIYOSHI, YASUO
		8)AOKI, SEIJI 9)KOBAYASHI, NOBUAKI 10)SUZUKI, KAZURO

(57) Abstract:

The present invention relates to a furnace for preparing a synthesis gas which comprises effusing a raw material containing at least hydrocarbon and an oxidant from a burner mounted on top portion of the furnace; partially combusting hydrocarbon in a space above a catalyst layer formed inside of the furnace; and preparing a synthesis gas containing hydrogen and carbon monoxide in the catalyst layer, wherein it has a space to meet the conditions of the following (1) and (2), above the catalyst layer: (1) $L \ge D/2 X$ cotan $\theta 1$, and (2) Gas retention time in the space is 2 seconds or more wherein L is a height of the space above the catalyst layer, D is an inside diameter of the furnace, θ is a θ 1/2 angle of an apex angle in the vertical cross-section of a conical breadth of an effusion flow effused into the inside of the furnace from a burner, which is in the range of θ 5.

No. of Pages: 153 No. of Claims: 9

(21) Application No.10628/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: A METHOD TO REDUCE BIOGENIC AMINE CONTENT IN FOOD

(51) International classification	:A23L 2/84 , C12C 12/00 , C12C 5/00	(71)Name of Applicant: 1)NOVOZYMES A/S
(31) Priority Document No	:10165685.8	Address of Applicant : Krogshoejvej 36 DK-2880 Bagsvaerd
(32) Priority Date	:11/06/2010	Denmark Denmark
(33) Name of priority country	:EUROPEAN UNION	(72)Name of Inventor: 1)TAMS Jeppe Wegener
(86) International Application No	:PCT/EP2011/058934	, 9
Filing Date	:31/05/2011	3)OESTDAL Henrik
(87) International Publication No	: NA	4)VOLLMOND Thomas
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)NIELSEN Per Munk
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1		1

(57) Abstract:

This invention relates to a method of reducing biogenic amine content in a beverage by contacting the beverage and/or beverage intermediate with an enzyme having transglutaminase activity.

No. of Pages: 31 No. of Claims: 15

(21) Application No.10630/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: BIMETAL CONTROLLER

 (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 	:01/07/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)STEGO-HOLDING GMBH Address of Applicant: Kolpingstrae 21 74523 Schwbisch Hall Germany Germany (72)Name of Inventor: 1)MANGOLD Elmar 2)BECKMANN Andreas J.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a bimetallic controller comprising a switching device (2) and at least one bimetal device (4) which is or can be actively connected to the switching device (2) such as to allow the switching device (2) to be switched in a temperature-dependent fashion. The bimetal device (4) comprises at least one first bimetal element (6) and at least one curved second bimetal element (8) that are connected to each other in a zone of contact (14) and are designed in said zone of contact (14) such that the coefficient of thermal expansion of the first bimetal element (6) increases from its bottom (21) to the top (23) and the coefficient of thermal expansion of the curved second bimetal element (8) decreases from its bottom (21) to the top (23) or vice versa.

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

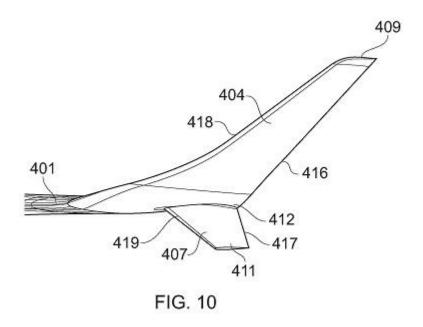
(22) Date of filing of Application :20/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: WING TIP DEVICE

(51) International classification	:H04W	(71)Name of Applicant:
(31) Priority Document No	:1011843.8	1)AIRBUS OPERATIONS LIMITED
(32) Priority Date	:14/07/2010	Address of Applicant :New Filton House Filton Bristol BS99
(33) Name of priority country	:U.K.	7AR United Kingdom U.K.
(86) International Application No	:PCT/EP2011/061552	2)AIRBUS OPERATIONS GMBH
Filing Date	:07/07/2011	(72)Name of Inventor:
(87) International Publication No	: NA	1)CHRISTOPHER WRIGHT
(61) Patent of Addition to Application	:NA	2)JAMES K CHU
Number	:NA	3)JAN HIMISCH
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A wing tip device for fixing to the outboard end of a wing, the wing defining a wing plane, the wing tip device comprising: an upper wing-like element projecting upwardly with respect to the wing plane and having a trailing edge; and a lower winglike element fixed with respect to the upper wing-like element and having a root chord and a trailing edge, the lower wing-like element root chord intersecting with the upper wing-like element, and the lower wing-like element projecting downwardly from the intersection, wherein the upper wing-like element is larger than the lower wing-like element and the trailing edge of the lower wing-like element is adjacent the trailing edge of the upper wing-like element at the intersection, and wherein an included angle between the upper and lower wing-like elements at the intersection is less than, or equal to, 160 degrees. Also, a wing with the wing tip device; an aircraft with the wing; a method of fitting, or retro-fitting, the wing tip device to a wing; a method of modifying an existing wing tip device; and a method of operating a wing with the wing tip device. [Figure 10]



No. of Pages: 33 No. of Claims: 25

(22) Date of filing of Application :20/12/2012

(43) Publication Date: 20/11/2015

(54) Title of the invention : METHODS AND APPARATUS TO ACCESS NETWORK CONNECTIVITY INFORMATION USING PREDICTED LOCATIONS

(31) Priority Document No:12/820,883(32) Priority Date:22/06/2010(33) Name of priority country:U.S.A.	(71)Name of Applicant: 1)RESEARCH IN MOTION LIMITED Address of Applicant:295 Phillip Street Waterloo Ontario N2L 3W8 Canada Canada (72)Name of Inventor: 1)KENNEDY Richard Howard 2)MCCANN Stephen 3)STEER David 4)PURNADI Rene Waraputra
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(57) Abstract:

Example methods and apparatus to access network connectivity information based on predicted future locations of wireless terminals are disclosed. A disclosed example method involves predicting at least one future location of a wireless terminal. The example method also involves requesting at least first and second network connectivity information sets for connecting to at least one access network providing wireless communication coverage at the at least one future location. The first network connectivity information is associated with a first geographic location and the second network connectivity information is associated with a second geographic location.

No. of Pages: 51 No. of Claims: 29

(21) Application No.3486/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :02/08/2013 (43) Publication Date : 20/11/2015

(54) Title of the invention: MAGNETO-CALORIC ASSEMBLIES

(51) International classification (31) Priority Document No	:NA	(71)Name of Applicant: 1)GENERAL ELECTRIC COMPANY
(32) Priority Date(33) Name of priority country(86) International Application No	:NA :NA :NA	Address of Applicant: 1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 U.S.A.
Filing Date (87) International Publication No	:NA :NA : NA	(72)Name of Inventor: 1)NAGESH, MAMATA 2)SAHA, ATANU
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)JOHNSON, FRANCIS
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

ABSTRACT A magneto-caloric assembly is provided. The assembly includes a first region comprising a first magneto-caloric material, a second region disposed on the first region and comprising a second magneto-caloric material and a first matrix material, and a third region disposed on the second region and comprising a thermally conductive material. FIG. 2

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

(22) Date of filing of Application :24/12/2012

(43) Publication Date: 20/11/2015

(54) Title of the invention : AMPLIFIER CIRCUIT WIRELESS COMMUNICATION DEVICE WIRELESS COMMUNICATION SYSTEM AND REMOTE RADIO UNIT

(51) International classification	:H03F 1/30 , H03F 1/06, H04B 1/04	(71)Name of Applicant: 1)SUMITOMO ELECTRIC INDUSTRIES LTD.
(31) Priority Document No	:2010-121633	Address of Applicant :5-33 Kitahama 4-chome Chuo-ku
(32) Priority Date	:27/05/2010	Osaka-shi Osaka 5410041 Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:PCT/JP2011/061866	1)ARAKI Tadashi
Filing Date	:24/05/2011	2)NISHIMURA Shuichi
(87) International Publication No	: NA	3)KATSURA Isao
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1		1

(57) Abstract:

An amplifier circuit 1 of the present invention includes an amplifier 2 that amplifies the power of an input signal a power supply unit 3 that supplies a power supply voltage to the amplifier 2 a temperature sensor 11 that detects the temperature of the amplifier 2 and a frequency determination unit 8 that determines the transmission frequency of the input signal. The amplifier circuit 1 further includes a control unit 10 that adjusts the power supply voltage of the power supply unit 3 and the signal power of the input signal based on the temperature detected by the temperature sensor 11 and the transmission frequency obtained by the frequency determination unit 8.

No. of Pages: 141 No. of Claims: 34

(22) Date of filing of Application :24/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: GARNISH AND MOUNTING STRUCTURE

(51) International classification	:B60R 13/04 , B60J 10/08	(71)Name of Applicant: 1)AISIN SEIKI KABUSHIKI KAISHA
(31) Priority Document No	:2010-129309	Address of Applicant :1 Asahi-machi 2-chome Kariya-shi
(32) Priority Date	:04/06/2010	Aichi-ken 448-8650 Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:PCT/JP2011/062110	1)Katsuhiko TAKEUCHI
Filing Date	:26/05/2011	2)Hiroaki YAMASAKI
(87) International Publication No	: NA	3)Yasumitsu SHIMIZU
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is a resin garnish attached to a door frame forming the window frame of a vehicle door. The door frame is provided with a frame unit including an attachment unit having an insertion hole and a weatherstrip fastened to said frame unit using a clip. The clip is inserted through the weatherstrip and the insertion hole to fasten the weatherstrip to the frame unit by engaging with the frame unit. The garnish is provided with a garnish body forming a design surface facing out of the vehicle and an engaging protrusion unit arranged so as to protrude from the garnish body. In order to attach the garnish to the frame unit the engaging protrusion unit is configured such that said unit in a state inserted in the insertion hole engages with an engaging claw provided on the clip.

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

(22) Date of filing of Application :26/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: METHOD AND SYSTEM FOR GENERATING PCC RULES BASED ON SERVICE REQUESTS

 (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 	:H04W72/08 :12/825049 :28/06/2010 :U.S.A. :PCT/IB2011/001781 :27/06/2011 :WO 2012/001512 :NA :NA	(71)Name of Applicant: 1)ALCATEL LUCENT Address of Applicant: 3 avenue Octave Grard F 75007 Paris France (72)Name of Inventor: 1)SIDDAM Kalyan Premchand 2)MA Haiqing 3)LALSETA Sachin 4)CUERVO Fernando
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(57) Abstract:

Various exemplary embodiments relate to a method of generating a Policy and Control Charging (PCC) rule for managing packet traffic across a network. The method may include: receiving a request message for PCC rules from a requesting network component; authorizing a set of QoS information based on the requested set of QoS information! generating a PCC rule; and transmitting the PCC rule to an enforcing network component. The request message may include a requested set of QoS information and multiple traffic mappings each describing a flow of packets transmitted across the network. The PCC rule may include the authorized set of QoS information and multiple flow descriptions corresponding to each traffic mapping. The PCRN may include: a first interface that receives a request message a policy engine a rule generator and a second interface that transmits the PCC rule to an enforcing network component.

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

(21) Application No.2970/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/04/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention : ENCAPSULATED SEMICONDUCTOR NANOPARTICLE - BASED MATERIALS COMPRISING AN ADDITIVE \bullet

 (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 	:G09F :0916699.2 :23/09/2009 :U.K. :PCT/GB2010/001782 :21/09/2010 : NA	(71)Name of Applicant: 1)NANOCO TECHNOLOGIES LTD Address of Applicant: 46 Grafton Street Manchester M13 9NT United Kingdom U.K. (72)Name of Inventor: 1)PICKETT Nigel 2)NAASANI Imad 3)HAPPIS James
(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	3)HARRIS James

(57) Abstract:

The present invention relates to a primary particle comprised of a primary matrix material containing a population of semiconductor nanoparticles wherein each primary particle further comprises an additive to enhance the physical chemical and/or photo-stability of the semiconductor nanoparticles. A method of preparing such particles is described. Composite materials and light emitting devices incorporating such primary particles are also described. Figure 7

No. of Pages: 52 No. of Claims: 42

(22) Date of filing of Application :19/08/2013 (43) Publication Date : 20/11/2015

(54) Title of the invention: MULTIPURPOSE MACHINE FOR ROTOTILLING AND BUSH CUTTING

(51) T () 1 1 1 10 10 11	A 01D24/00	(71)NJ 6 A 19 A
(51) International classification	:A01D34/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)TAMIL NADU AGRICULTURAL UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :PROFESSOR AND HEAD,
(33) Name of priority country	:NA	DEPARTMENT OF TRADE AND INTELLECTUAL
(86) International Application No	:NA	PROPERTY, TAMIL NADU AGRICULTURAL UNIVERSITY,
Filing Date	:NA	COIMBATORE - 641 003 Tamil Nadu India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)DR. R. THIYAGARAJAN
Filing Date	:NA	2)DR. A. TAJUDDIN
(62) Divisional to Application Number	:NA	3)DR. B. SUTHAKAR
Filing Date	:NA	4)DR. G.C. JAYASHREE

(57) Abstract:

Clearing the land from bushy plants and noxious weeds by human labour is not only higher cost but the noxious weeds causes allergy to human labour due to physical contact. Presently available bush cutter engine and flail mowers are being imported for local use hence the users have to incur higher investment cost apart from higher operational cost. So to avoid these problems an indigenous technology with the multi-purpose machine for rototilling and bush cutting was developed. The present invention is the multipurpose machine which includes main frame, multi speed gear box, chain drive transmission unit, rotary assembly unit and depth control wheel assembly. The multi speed gear box comprises of gear shifting lever, bevel gears and spur gears with inner splines, inner shaft and outer shaft with outer splines, heavy duty roller bearings. The purpose of combined unit with the gear shifting lever in the multispeed gear box is to alter the standard PTO speed 540 rpm from either to 230 rpm or 1600 rpm depending upon the operations. Rotary assembly unit was developed and mounted below the main frame which consists of hollow circular shaft, flanges, chain flails and circular blades. By providing a novel mounting assembly for a free swinging chain type flails welded with the circular bladesand threaded between the flanges of the machine and are spaced along and around the circumference of the hollow shaft. Each of the chain flails includes a plurality of interconnected cable chain links that are looped together to form the flexible chain fail. Chain flails with circular blades are spaced apart pattern along the length of the hollow circular shaft and circular blades having vegetation cutting portions being and arranged to overlap each other, and thereby effect of complete cutting for the entire length of the hollow circular shaft. To maintain the gap between the soil and blade, a depth control wheel assembly was fabricated and fitted at both sides of the machine by means of bolt and nut. The depth control wheel assembly is used for transferring the vibration of the machine to the ground. Since this multipurpose machine is a combination of rotovator and flail mower, the investment cost of the machine is less and higher operational efficiency. Average effective field capacity of the machine was estimated at 0.50 ha/h and field efficiency was 86 per cent. Initial cost of the multipurpose machine for rototilling and bush cutting is Rs.98, 500. The cost of bush cutting with this machine including tractor is Rs.1040/ha. Fuel Consumption of the tractor for bush cutting operation is, 4 1/h. while using this multipurpose machine for bush cutting 67 per cent of cost is saved when compared to the manual bush butting.

No. of Pages: 29 No. of Claims: 1

(21) Application No.4854/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/06/2012

(43) Publication Date: 20/11/2015

(54) Title of the invention : CATALYST FOR PRODUCING BISPHENOL COMPOUND AND METHOD FOR PRODUCING BISPHENOL COMPOUND

 (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 	:B01J31/10 :2009-255109 :06/11/2009 :Japan :PCT/JP2010/069835 :08/11/2010 :WO 2011/055819 A1 :NA :NA	(71)Name of Applicant: 1)MITSUBISHI CHEMICAL CORPORATION Address of Applicant:14-1, SHIBA 4-CHOME, MINATO-KU, TOKYO 108-0014 Japan (72)Name of Inventor: 1)TSUTSUMINAI, SUSUMU 2)ANDO, SHINGO
Filing Date	:NA	

(57) Abstract:

A catalyst for producing a bisphenol compound, composed of gel catalyst beads formed by introducing strongly acidic group such as sulfonic acid group into gel beads obtained by the copolymerization of a styrene-based monomer and a crosslinking monomer, wherein 50% or more of the gel catalyst beads have particle diameters of 30 to 650 μ m, and a method for producing a bisphenol compound by the reaction of a phenol compound and a carbonyl compound in the presence of the catalyst. The present invention provides a strongly acidic cation exchange resin catalyst for producing a bisphenol compound, exhibiting high raw-material conversion rate and high bisphenol-compound selectivity, having a long catalyst life span, and reducing pressure loss in a catalyst filled layer, and a method for producing a bisphenol compound at high conversion rate and high selectivity stably and efficiently for a long time by using the catalyst

No. of Pages: 59 No. of Claims: 5

(21) Application No.5213/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/06/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: PYRROLIDINE DERIVATIVES

(51) International classification	:C07D207/14	(71)Name of Applicant :
(31) Priority Document No	:09179228.3	1)F. HOFFMANN-LA ROCHE AG
(32) Priority Date	:15/12/2009	Address of Applicant: 124 GRENZACHERSTRASSE, CH-
(33) Name of priority country	:EPO	4070 BASEL Switzerland
(86) International Application No	:PCT/EP2010/069434	(72)Name of Inventor:
Filing Date	:13/12/2010	1)KNUST, HENNER
(87) International Publication No	:WO 2011/085886	2)KOBLET, ANDREAS
(87) International Fublication No	A1	3)NETTEKOVEN, MATTHIAS
(61) Patent of Addition to Application	:NA	4)RATNI, HASANE
Number	:NA	5)RIEMER, CLAUS
Filing Date	:NA	6)VIFIAN, WALTER
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to compounds of formula Wherein R1 is hydrogen, halogen, cyano, lower alkyl or lower alkyl substituted by halogen; n is 1,2 or 3, if n is 2 or 3, R1 can be different; R2 is hydrogen or methyl; R3 is (CH2)r-C(0)NH2 or (CH2)r-CN, wherein r is 1 or 2, or is a non aromatic heterocyclic group Wherein X isNorCH; Y is -C(R)(R7)-; -N(R7)-, -S(0)2 or O; R6 is hydrogen, di-lower alkyl or =0; o and m may be independently from each other 0,1 or 2; p is 0,1 or 2; R is hydrogen, halogen, or lower alkyl; R7 is hydrogen, halogen, hydroxy, lower alkyl substituted by hydroxy, cyano, or lower alkoxy; Rr is hydrogen, -C(0)lower alkyl, -C(0)0-lower alkyl, -C(0)CH20-lower alkyl, -C(0)CH2CN, or is -C(0)-cycloalkyl, cycloalkyl or -CH2-cycloalkyl, wherein the cycloalkyl groups are optionally substituted by halogen, lower alkoxy, lower alkyl substituted by halogen, cyano, -CH20lower alkyl, or lower alkyl, or is -C(0)-heterocycloalkyl or heterocycloalkyl, or is -C(0)-heteroaryl or heteroaryl, which heterocycloalkyl or heteroaryl groups are optionally substituted by halogen, lower alkyl, =0, lower alkoxy, lower alkyl substituted by halogen, C(0)NH-Iower alkyl, C(0)NH2, C(0)-lower alkyl, S(0)2- lower alkyl or cyano; Z is -0-, -NH- or -N(lower alkyl)-; R4 is lower alkyl, lower alkyl substituted by halogen, lower alkyl substituted by hydroxy, lower alkyl substituted by cycloalkyl, (CH2)2>3-0-lower alkyl, CH(CH3)CH2-0-lower alkyl, (CH2)qCN, bicyclo[2.2.1]heptanyl, (CH2)q-cycloalkyl optionally substituted by lower alkyl, lower alkyl substituted by halogen, lower alkoxy or by halogen, or is (CH2)q-heterocycloalkyl or is (CH2)q-aryl, CH(lower alkyl)-aryl, CH(cycloalkyl)-aryl, or is (CH2)q-heteroaryl, which heterocycloalkyl, aryl or heteroaryl rings are optionally substituted by halogen, hydroxy, lower alkyl, lower alkyl substituted by halogen, S(0)2-lower alkyl, cyano or by lower alkoxy; q is 0,1 or 2; or to a pharmaceutically active salt thereof. It has been found that the present compounds are high potential NK-3 receptor antagonists for the treatment of depression, pain, psychosis, Parkinsons disease, schizophrenia, anxiety and attention deficit hyperactivity disorder (ADHD).

No. of Pages: 260 No. of Claims: 24

(21) Application No.3102/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/04/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: CROSS-FLOW FAN, MOLDING DIE, AND FLUID FEEDER

(51) International classification	:F04D17/04	(71)Name of Applicant:
(31) Priority Document No	:2009-208360	1)SHARP KABUSHIKI KAISHA
(32) Priority Date	:09/09/2009	Address of Applicant :22-22, NAGAIKE-CHO, ABENO-KU,
(33) Name of priority country	:Japan	OSAKA-SHI, OSAKA 545-8522 Japan
(86) International Application No	:PCT/JP2010/065304	(72)Name of Inventor:
Filing Date	:07/09/2010	1)OHTSUKA, MASAKI
(87) International Publication No	:WO 2011/030751 A1	2)SHIRAICHI, YUKISHIGE
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

A cross-flow fan includes a plurality of fan blades (21) provided to be circumferentially spaced apart from each other. The fan blade (21) has an inner edge portion (26) arranged on the radially inner side to/from which air flows in/out, and an outer edge portion (27) arranged on the radially outer side to/from which air flows/in/out. Fan blade (21) has a blade surface (23) extending between the inner edge portion (26) and the outer edge portion (27). The blade surface (23) includes a pressure surface (25) arranged on the rotation direction side of the cross-flow fan and a suction surface (24) arranged on the back side of the pressure surface (25). When cut along a plane orthogonal to the rotation axis of the cross-flow fan (10), the fan blade (21) has such a blade cross-sectional shape that concave portions (57, 56) are formed at the pressure surface (25) and the suction surface (24). A plurality of concave portions (57, 57p, 57q) are formed at pressure surface (25). With such a configuration, it is possible to provide a cross-flow fan exhibiting an excellent blowing capacity, a molding die for use in production of the cross-flow fan, and a fluid feeder provided with the cross-flow fan.

No. of Pages: 39 No. of Claims: 14

(21) Application No.3266/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/04/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: ELECTRIC TWO/THREE-WHEELED VEHICLE

(51) International classification	:B62J99/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)HONDA MOTRO CO., LTD.
(32) Priority Date	:NA	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,
(33) Name of priority country	:NA	MINATO-KU, TOKYO, 107-8556 Japan
(86) International Application No	:PCT/JP2009/066070	(72)Name of Inventor:
Filing Date	:15/09/2009	1)IWAKAMI, HIROSHI
(87) International Publication No	:WO 2011/033605	2)GOTO, KAORI
	A1	3)YAMASHITA, YUSAKU
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An electric two/three-wheeled vehicle includes: a battery case which houses a battery supplying electric power to an electric motor; a leg shield which covers, from a front, legs of a rider sitting on a riding seat; a cooling air inlet duct which has a downstream end portion thereof connected to the battery case; and a cooling fan which introduces cooling air into the battery case through the cooling air inlet duct. In the electric two/three-wheeled vehicle, an opening (90) open toward a rear of the vehicle is provided in the leg shield (43), and an upstream end of the cooling air inlet duct (88) is connected to the leg shield (43) in such a manner as to continue to the opening (90). Accordingly, it is possible to cool a battery while preventing entry of dust into a battery case as much as possible.

No. of Pages: 48 No. of Claims: 11

(21) Application No.5307/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application: 18/06/2012 (43) Publication Date: 20/11/2015

(54) Title of the invention : RECOMBINANT MEASLES VIRUS USEFUL AS A BIVALENT VACCINE AGAINST MEASLES AND MALARIAL INFECTION

 (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 	:C12N7/00 :NA :NA :NA :PCT/JP2009/069691 :20/11/2009 :WO 2011/061848 A1 :NA	(71)Name of Applicant: 1)ARIGEN PHARMACEUTICALS, INC. Address of Applicant: PLACE CANADA 3F, 3-37, AKASAKA 7-CHOME, MINATO-KU, TOKYO 170-0052 Japan (72)Name of Inventor: 1)KAI, CHIEKO 2)YONEDA, MISAKO
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The object of the present invention is to provide a vaccine which is safe and effective against malarial infection and a vector which is used in the manufacture of this vaccine and to provide a bivalent vaccine which exhibits an excellent preventive effect against measles virus and malarial infection and which eliminates complexity at the time of inoculation. The present invention provides a recombinant measles virus in which is inserted a gene which encodes a protein involved in preventing malarial infection in the measles virus genome. The protein involved in preventing malarial infection is preferably selected from pfEMP-1, MAEBL, AMA-1, MSP-1, LSA-1, Pfs230, and the like. The present invention also relates to a bivalent vaccine against measles and malarial infection which contains the recombinant measles virus, and an antiserum obtained from body fluid taken from an animal infected with the recombmant measles virus. It also provides a method of manufacturing a vaccine against malarial infection which is characterized by using a measles virus as a vaccine vector in the manufacture of a vaccine against malarial infection.

No. of Pages: 25 No. of Claims: 11

(21) Application No.10723/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: RADIAL FLOW STEAM TURBINE

 (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 	:F01D1/06 :NA :NA :NA :PCT/JP/2011/062745 :10/11/2010 :WO 2011/149111 :NA	(71)Name of Applicant: 1)LLL Address of Applicant:LLL Bulgaria (72)Name of Inventor: 1)JJJJJJ
· · ·	• = = = = = = = = = = = = = = = = =	

(57) Abstract:

Provided is a high-efficiency, realistic, radial flow steam turbine such that the steam supply method is simplified, and that a sufficient amount of steam is supplied to the interior, of a turbine unit which is additionally provided in the axial direction. Said radial flow steam turbine is equipped with a rotation shaft; rotation plates connected to the rotation shaft; rotor blades mounted on the rotation plates; stationary plates which face the rotation plates and are supported by a casing by being fixed thereto; stator blades mounted on the stationary plates; and an operating steam circulation path wherein the rotor blades on the rotation plates and the stator blades on the stationary plates are alternately disposed in the radial direction, and wherein the flow direction of operating steam is in a radial direction which is outward with respect to the rotation shaft. Also, the radial flow steam turbine is configured in such a way that the steam supplied by a steam supply source is circulated as operating steam in the operating steam path, and that thereby the rotation plates and the rotation shaft are rotated. In this radial flow steam turbine, openings are provided in those areas of the rotation plates which are in the vicinity of the rotation shaft, with the result that an axial steam supply passage is secured.

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

(21) Application No.10727/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/12/2012 (43) Publication Date: 20/11/2015

(54) Title of the invention: CELLULOSE ETHER AND MICROCRYSTALLINE CELLULOSE IN INORGANIC BINDER **COMPOSITIONS**

(51) International

:C04B28/02,C04B28/14,C04B40/00 classification

(31) Priority Document No :61/359381 (32) Priority Date :29/06/2010 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2011/041558

No :23/06/2011 Filing Date

(87) International Publication: WO 2012/005960

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(71)Name of Applicant:

1)DOW GLOBAL TECHNOLOGIES LLC

Address of Applicant :2040 Dow Center Midland MI 48674

U.S.A.

(72) Name of Inventor:

1)SCHARLEMANN Sonja 2) NEUBAUER Joerg

3)KNARR Matthias

(57) Abstract:

A new water based inorganic binder composition includes inorganic binder cellulose ether and microcrystalline cellulose. A new additive for water based inorganic binder compositions includes cellulose ether and microcrystalline cellulose. A method for improving the properties of water based inorganic binder compositions includes blending a combination of cellulose ether and microcrystalline cellulose in the water based binder composition.

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

(22) Date of filing of Application :19/06/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention : COMPLEX CONDITION DETERMINATION UNIT, TRANSMISSION DEVICE, COMPLEX CONDITION DETERMINATION METHOD

:H04L27/36 (71)Name of Applicant: (51) International classification (31) Priority Document No :2009-289089 1)NEC CORPORATION (32) Priority Date Address of Applicant: 7-1, SHIBA 5-CHOME, MINATO-KU, :21/12/2009 TOKYO 108-8001 Japan (33) Name of priority country :Japan :PCT/JP2010/072835 (72)Name of Inventor : (86) International Application No Filing Date :14/12/2010 1)HONDA, MITSUHIRO :WO 2011/078097 (87) International Publication No **A**1 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Disclosed is a complex condition determination unit which, to solve the problem of making it possible to change a modulation scheme adapted to rapid changes in line status, is provided with; an error-pulse switching determination means which outputs, as error-pulse determination information indicating whether an accumulated value of the number of error pulses accumulated over a predetermined period is equal to or greater than a predetermined error-pulse threshold value, the error pulses indicating whether an error exists in a received signal; a CNR (carrier-wave power to signal power ratio) modulation scheme determination means which outputs, as CNR determination information, a modulation scheme determined in accordance with a predetermined CNR threshold value and CNR information indicating the CNR of the received signal; an RSL (receive signal level) modulation scheme determined RSL threshold value and RSL information indicating the RSL of the received signal; and a complex modulation scheme determination means which determines the modulation scheme used in order to modulate the transmission source of the received signal, in accordance with the error-pulse determination information, the CNR determination information, the RSL determination information, and received modulation scheme information indicating the modulation scheme of the received signal.

No. of Pages: 61 No. of Claims: 11

(21) Application No.10774/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/12/2012 (43) Publication Date: 20/11/2015

(54) Title of the invention: DISPLAY DEVICE

(51) International classification: G09F9/00, G03B21/00, G03B21/16 (71) Name of Applicant: :2010-125109 (31) Priority Document No

(32) Priority Date :31/05/2010 (33) Name of priority country :Japan

(86) International Application :PCT/JP2011/061434 No

:18/05/2011 Filing Date

(87) International Publication :WO 2011/152217 A1

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number :NA Filing Date

1)NEC CORPORATION

Address of Applicant: 7 1 Shiba 5 chome Minato ku Tokyo

1088001 Japan

(72)Name of Inventor: 1)CHIBA Masaki 2)MASUDA Naoki

(57) Abstract:

A display device is provided with a plurality of solid-state light sources (101-103) and a coolant-circulating means (100) that is equipped with a flow path (100a) formed to pass through each of the solid-state light sources (101-103) and that circulates a coolant via the flow path (100a). Each of the solid-state light sources (101-103) has the property that the luminance thereof changes in response to a temperature change. The flow path (100a) is formed such that the coolant first passes through solid-state light sources having a greater degree of luminance change according to the above-described property of the solid-state light sources (101-103).

No. of Pages: 30 No. of Claims: 6

(21) Application No.10781/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: A WELLBORE SURVEILLANCE SYSTEM

:E21B47/01,E21B47/10 (71)Name of Applicant : (51) International classification (31) Priority Document No :10164469.8 1)WELLTEC A/S (32) Priority Date :31/05/2010 Address of Applicant : Gydevang 25 DK 3450 Aller d (33) Name of priority country :EPO Denmark (86) International Application No :PCT/EP2011/058987 (72) Name of Inventor: Filing Date :31/05/2011 1)HALLUNDB†K J rgen (87) International Publication No :WO 2011/151346 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The present invention relates to wellbore surveillance system for obtaining fluid reservoir information data such as the position and amount of gas oil and/or water while draining hydrocarbons from an oil or gas field via a casing in a wellbore in a formation the casing having a vertical part near a top of the casing and an inner face the system comprising a first sensor for measuring a content of gas oil and/or water in the formation and a second sensor for measuring a content of gas oil and/or water in the formation.

No. of Pages: 35 No. of Claims: 34

(22) Date of filing of Application :26/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: METHOD AND APPARATUS FOR EXPANDED CONTENT TAG SHARING

(57) Abstract:

Techniques for expanded content tag sharing include determining that a first user is associated with content provided by a different second user. Data is recorded that indicates the first user is authorized to associate a different third user with the content provided by the second user, without further input by the second user. In some embodiments, the data that indicates the content provided by the second user includes data that indicates a plurality of contents. Some techniques include determining a message received from a first user indicates a portion of content associated with the first user, and a second user. The portion of the content is rendered on an apparatus of the second user. The second user is prompted for associating, with the portion of the content, an item identifier, such as text or another user, for the portion of the content. FIG.7

No. of Pages: 83 No. of Claims: 77

(21) Application No.5721/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :15/07/2013 (43) Publication Date : 20/11/2015

(54) Title of the invention : CDMA TRANSCEIVER WITH CDMA DIVERSITY RECEIVER PATH SHARED WITH TIME DUPLEXED RECEIVER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G06C :61/440330 :07/02/2011 :U.S.A. :PCT/US20 12/024188 :07/02/2012	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. (72)Name of Inventor: 1)ROBINETT Robert L.
(87) International Publication No(61) Patent of Addition to Application Number	:WO 2012/109276 A1 :NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A wireless device including at least a first and second antenna and at least one processor may process signals received from a first wireless system (TD SCDMA GSM TDD LTE) exclusively on the first antenna and may process signals received from a second wireless system (FDD CDMA WCDMA LTE TDMA) on the first and second antennas using receive diversity. According to aspects the device may process signals transmitted from the first wireless system exclusively on the second antenna.

No. of Pages: 46 No. of Claims: 21

(21) Application No.6480/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/08/2013 (43) Publication Date : 20/11/2015

(54) Title of the invention: MEDICAL PRODUCT PACKAGE

 (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 	:13/029572 :17/02/2011 :U.S.A. :PCT/US2012/025147 :15/02/2012 :WO 2012/112631 :NA :NA	(71)Name of Applicant: 1)SANOFI AVENTIS U.S. LLC Address of Applicant:55 Corporate Drive Bridgewater New Jersey 08835 U.S.A. (72)Name of Inventor: 1)LIMBACK Nancy Gail
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A package for accommodating storing displaying and transporting a medical product. The package has a body formed by a plurality of panels and at least one of the panels has a first layer and a second layer. A tab is formed integrally with the first layer. The tab is pivotable via at least one hinge formed in the first layer from a first position substantially coplanar with the first layer to a second position where the tab is disposed at an angle to the first layer.

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

(21) Application No.10694/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: ASEPTIC FILLING SYSTEM

(51) International classification	:B65B 55/00, B67C 7/00	(71)Name of Applicant: 1)OTSUKA PHARMACEUTICAL CO. LTD.
(31) Priority Document No	:2010-119438	Address of Applicant :9 Kandatsukasamachi 2-chome
(32) Priority Date	:25/05/2010	Chiyoda-ku Tokyo 101-8535 Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:PCT/JP2011/061907	1)Koji KITANO
Filing Date	:24/05/2011	2)Takashi HARASHIMA
(87) International Publication No	: NA	3)Haruhiko KONDO
(61) Patent of Addition to Application	:NA	4)Yoshihiro AKIYAMA
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is an aseptic filling system which is disposed in an aseptic environment and with which preforming bottle formation and filling of bottles with a beverage are performed in an aseptic state. The aseptic filling system includes a preform molding machine a blowing machine for forming bottles by blowing up the preforms molded by the preformmolding machine and a filling machine integrated with the blowing machine by a specific coupling structure and filling the bottles formed by the blowing machine with the beverage.

No. of Pages: 70 No. of Claims: 18

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

(43) Publication Date: 20/11/2015

(54) Title of the invention : THREE-DIMENSIONAL NET-LIKE ALUMINUM POROUS BODY ELECTRODE USING THE ALUMINUM POROUS BODY NONAQUEOUS ELECTROLYTE BATTERY USING THE ELECTRODE AND NONAQUEOUS ELECTROLYTE CAPACITOR USING THE ELECTRODE

 (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 	:H01M 4/13, H01M 10/058, H01M 4/06 :2010-123831 :31/05/2010 :Japan :PCT/JP2011/062117 :26/05/2011 : NA :NA	2)HOSOE Akihisa 3)MAJIMA Masatoshi 4)NITTA Koji 5)OTA Hajime
Filing Date	:NA	6)OKUNO Kazuki
(62) Divisional to Application Number Filing Date	:NA :NA	7)KIMURA Koutaro 8)GOTO Kengo 9)NISHIMURA Junichi

(57) Abstract:

Provided are a three-dimensional net-like aluminum porous body in which the diameter of cells in the porous body is uneven in the thickness direction of the porous body; a current collector and an electrode each using the aluminum porous body; and methods for producing these members. The porous body is a three-dimensional net-like aluminum porous body in a sheet form for a current collector in which the diameter of cells in the porous body is uneven in the thickness direction of the porous body. When a cross section in the thickness direction of the three-dimensional net-like aluminum porous body is divided into three regions of a region 1 a region 2 and a region 3 in this order the average cell diameter of the regions 1 and 3 is preferably different from the cell diameter of the region 2.

No. of Pages: 94 No. of Claims: 15

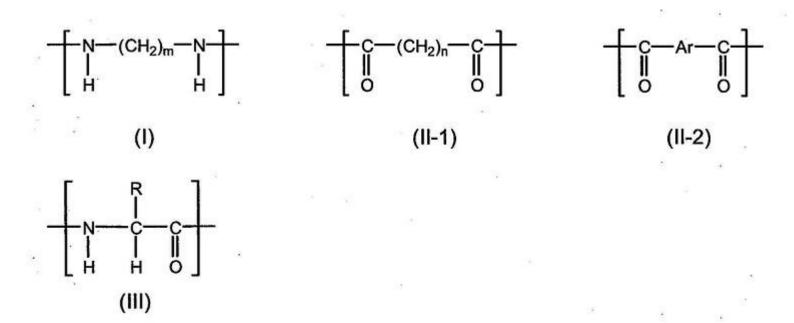
(22) Date of filing of Application :22/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: POLYAMIDE COMPOUND

(51) International classification	:C08G 69/36	(71)Name of Applicant:
(31) Priority Document No	:2010-148142	1)MITSUBISHI GAS CHEMICAL COMPANY INC.
(32) Priority Date	:29/06/2010	Address of Applicant :5-2 Marunouchi 2-chome Chiyoda-ku
(33) Name of priority country	:Japan	Tokyo 1008324 Japan. Japan
(86) International Application No	:PCT/JP2011/053919	(72)Name of Inventor:
Filing Date	:23/02/2011	1)ODA Takafumi
(87) International Publication No	: NA	2)OTAKI Ryoji
(61) Patent of Addition to Application	:NA	3)MASUDA Tsuneaki
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A polyamide compound containing from 0.1 to 50 mol% of a diamine unit that contains at least 50 mol% of a linear aliphatic diamine unit represented by the following general formula (I), from 0.1 to 50 mol% of a dicarboxylic acid unit that contains a linear aliphatic dicarboxylic acid unit represented by the following general formula (II-1) and/or an aromatic dicarboxylic acid unit represented by the following general formula (II-2) in an amount of at least 50 mol% in total, and from 0.1 to 50 mol% of a constituent unit represented by the following general formula (III): [In the above-mentioned general formulae (I) and (II-1), m and . n each independently indicate an integer of from 2 to 18. In the general formula (II-2), Ar represents an arylene group. In the general formula (III), R represents a substituted or unsubstituted alkyl group, or a substituted or unsubstituted aryl group.]



No. of Pages: 108 No. of Claims: 10

(22) Date of filing of Application :21/08/2013

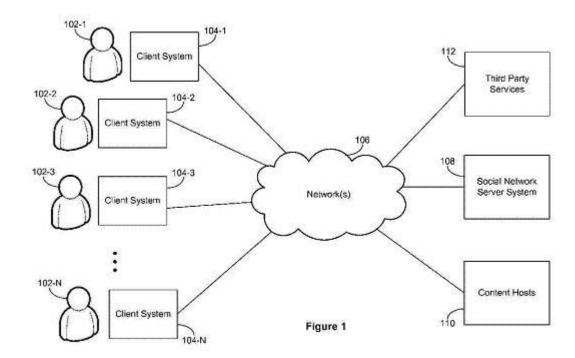
(43) Publication Date: 20/11/2015

(54) Title of the invention: CONTENT ACCESS CONTROL IN SOCIAL NETWORK

(51) International classification	:G06F	(71)Name of Applicant:
(31) Priority Document No	:61/436951	1)GOOGLE INC.
(32) Priority Date	:27/01/2011	Address of Applicant: 1600 Amphitheatre Parkway Mountain
(33) Name of priority country	:U.S.A.	View CA 94043 U.S.A.
(86) International Application No	:PCT/US2012/023004	(72)Name of Inventor:
Filing Date	:27/01/2012	1)TERLESKI Jonathan W.
(87) International Publication No	:WO 2012/103500	2)DELAYE Darren L.
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method includes concurrently displaying a content item area and access control list information corresponding to an access control list of distribution entities; receiving from a user of a client system input in the content item area the input including a content item; presenting to the client system user an affordance that enables the client system user to update the access control list to produce an updated access control list including one or more distribution entities at least one distribution entity of the one or more distribution entities corresponding to one or more recipient entities; and transmitting the content item and access control list to a server system for storing the content item in conjunction with the access control list. The server system enables access to the content item to one or more recipient entities in accordance with the access control list.



No. of Pages: 60 No. of Claims: 27

(21) Application No.5984/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :25/07/2013 (43) Publication Date: 20/11/2015

(54) Title of the invention: SEMICONDUCTOR DEVICE

:09/06/2011

:NA

(51) International

:H01L23/48,H01L25/07,H01L25/18

classification

(31) Priority Document No :NA :NA

(32) Priority Date

(33) Name of priority country: NA (86) International Application :PCT/JP2011/063246

Filing Date

(87) International Publication :WO 2012/169044

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to Application :NA Number

Filing Date

(57) Abstract:

(71)Name of Applicant:

1)Mitsubishi Electric Corporation

Address of Applicant: 7 3 Marunouchi 2 chome Chiyoda ku

Tokyo 1008310 Japan (72)Name of Inventor:

1)OGA Takuva

2)SAKAMOTO Kazuyasu 3)SUGIHARA Tsuyoshi

4)KATO Masaki

5)NAKASHIMA Daisuke

6)JIDA Tsuyosi 7)TADA Gen

Provided is a semiconductor device in which a first lead (11) is soldered to the bottom electrode (23) of a MOS FET (21) using first solder (51) the top electrode (22) of the MOS FET is soldered to an internal lead (31) using second solder (52) the internal lead is soldered to a projection (61) of the second lead using third solder (53) and the first lead second lead MOS FET and internal lead are molded integrally using sealing resin (41) wherein support members (54 55) are positioned inside the first solder and inside the second solder and the positions of the internal lead and the MOS FET are stabilized by way of self alignment.

No. of Pages: 47 No. of Claims: 13

(21) Application No.3403/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :30/07/2013 (43) Publication Date : 20/11/2015

(54) Title of the invention : A SYSTEM FOR PREVENTION OF SHORT CIRCUIT CONDITION IN CAPACITORS DUE TO PARTIAL DISCONNECTION

(51) International classification		(71)Name of Applicant:
(31) Priority Document No (32) Priority Date	:NA :NA	1)SCHNEIDER ELECTRIC INDUSTRIES SAS 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)DHAIRYSHIL DESAI
(87) International Publication No	: NA	2)NARENDRA AKHADKAR
(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 system for prevention of short circuit condition in capacitors due to partial disconnection. The system includes a rivet for carrying current between a terminal and a terminal strip in normal condition, having protrusions on the outer surface for engaging with a bridge unit of the capacitor and a spring plunger arrangement disposed on the terminal strip and configured in a manner that top end of the plunger maintains contact with a lid of the capacitor and the bottom end of the plunger maintains contact with the rivet under the force between the bridge and the rivet with the help of the spring. The rivet moves upwards disengaging from the bridge due to the load caused by the deformation of the lid under pressure from the internal gas, disconnecting weld between the rivet and terminal strip due to dynamic load transfer and the plunger moves to right because of spring action and plugs the gap between the rivet and the terminal strip preventing direct contact between the rivet and the terminal strip thereby avoiding short circuit in the capacitors. The system includes an indication system for indicating the disconnection. FIG. 4

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

(22) Date of filing of Application :18/07/2013 (43) Publication Date : 20/11/2015

(54) Title of the invention: TAMPER-EVIDENT AND DUPLICATION-EVIDENT REUSABLE ENVELOPE

(51) International classification	:A22	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Ashish Anand
(32) Priority Date	:NA	Address of Applicant :C-102, silver Akruthi Appt. 27th main,
(33) Name of priority country	:NA	Sector-2, Adjacent to ParangiPalya KPTCL powergrid, HSR
(86) International Application No	:NA	Layout, Bangalore-34, Karnataka Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Ashish Anand
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This invention proposes a reusable tamper-evident and duplication-evident envelope that is sealed by special security labels; those can be scanned and verified by computing device. Computing device uploads the integrity credential on a remote database for subsequent verification. After removing old label a new label can be applied for envelope to be reused for next application. This also enables a escort envelope concept, wherein as secondary packaging the customer shipment is delivered and envelope is taken back to delivery hub to escort another shipment originating from that hub. Reference figure: Figure 3

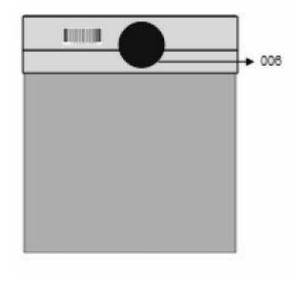


Fig. 3

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

(22) Date of filing of Application :28/05/2012

(43) Publication Date: 20/11/2015

(54) Title of the invention: ILLUMINATING DEVICE, IMAGE READING APPARATUS INCLUDING THE ILLUMINATING DEVICE, AND IMAGE FORMING APPARATUS INCLUDING THE IMAGE READING APPARATUS

(51) International classification	:H04N1/04	(71)Name of Applicant:
(31) Priority Document No	:2009-251251	1)SHARP KABUSHIKI KAISHA
(32) Priority Date	:30/10/2009	Address of Applicant :22-22, NAGAIKE-CHO, ABENO-KU,
(33) Name of priority country	:Japan	OSAKA-SHI, OSAKA 545-8522 Japan
(86) International Application No	:PCT/JP2010/068150	(72)Name of Inventor:
Filing Date	:15/10/2010	1)SUTO, YASUHIRO
(97) International Publication No.	:WO 2011/052404	2)YOSHIMOTO, MITSUHARU
(87) International Publication No	A1	3)OKADA, TOMOHIKO
(61) Patent of Addition to Application	:NA	4)YAMANAKA, HISASHI
Number	:NA :NA	5)FUKUTOME, SHOHICHI
Filing Date	.INA	6)NAKANISHI, KENJI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract :		1

(57) Abstract:

An illuminating device capable of stably illuminating an irradiated object such as a document while suppressing light loss with a simply structure is provided. An LED array (71) and a reflective plate (73) are disposed sandwiching a slit (St) through which light reflected by a document MS passes and a hght-guiding member (72) is disposed on the side of the LED array (71). The light-guiding member (72) includes a direct emission unit (77) disposed between an illumination range y centered on a document reading position and the LED array (71) and an indirect emission unit (78) disposed between the reflective plate (73) and the LED array (71), a light incidence face of the direct emission unit (77) and a light incidence face of the indirect emission unit (78) are disposed at mutually different position around the LED array (71), and the LED array (71) is disposed on a side of an interior angle formed by the light incidence faces. Selected figure: FIG. 3

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

(21) Application No.5372/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/06/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: SYNTHESIS OF ACETOXYACETALDEHYDE

 (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 	:24/11/2010 :WO 2011/064249 A1 :NA :NA	(71)Name of Applicant: 1)LEK PHARMACEUTICALS D.D. Address of Applicant: VEROVSKOVA 57, 1526 LJUBLJANA Slovenia (72)Name of Inventor: 1)UDOVIC, MARKO 2)TRAMSEK, MARKO 3)PLANTAN, IVAN 4)CLUZEAU, JEROME
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention belongs to the field of organic chemistry and relates to a new synthesis of acetoxyacetaldehyde.

No. of Pages: 32 No. of Claims: 26

(22) Date of filing of Application :23/05/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: METHOD AND DEVICE FOR LINK ADAPTATION OF RADIO REMOTE UNIT

 (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 	:H04L :200910209469.5 :30/10/2009 :China :PCT/CN2010/074784 :30/06/2010 : NA :NA :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 China (72)Name of Inventor: 1)DONG Yaorong
Filing Date	:NA	

(57) Abstract:

The disclosure discloses a method for link adaptation of a Radio Remote Unit (RRU) which comprises: an RRU regularly broadcasts and sends identifier acquisition request information through a port of the RRU itself; the RRU receives response information of the identifier acquisition request information; and when the response information is identifier allocation response information from a Base Band Unit (BBU) the RRU establishes an upper layer link according to an allocation identifier contained in the response information. The disclosure further discloses a device for implementing link adaptation of a radio remote unit. By adopting the disclosure the problem of low reliability of RRU topological structure in the prior art can be solved.

No. of Pages: 25 No. of Claims: 10

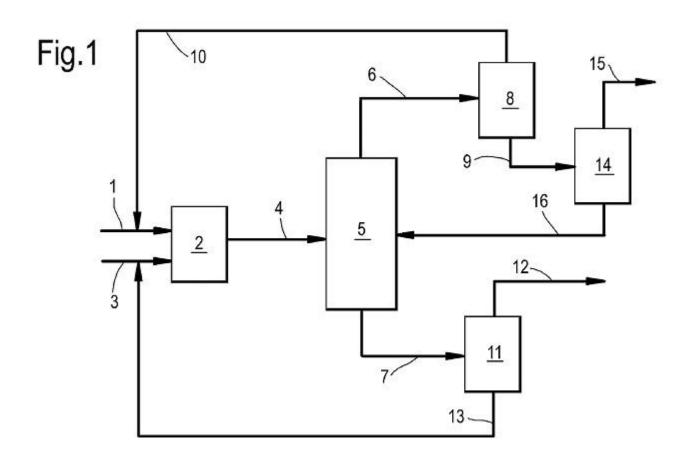
(22) Date of filing of Application :13/06/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: PROCESS FOR PREPARING ALKANEDIOL AND DIALKYL CARBONATE

(51) International classification	:C07C 68/06, C07C 69/96	(71)Name of Applicant: 1)SHELL INTERNATIONALE RESEARCH
(31) Priority Document No	:09176135.3	MAATSCHAPPIJ B.V.
(32) Priority Date	:16/11/2009	Address of Applicant :Carel van Bylandtlaan 30 NL-2596
(33) Name of priority country	:EPO	HR The Hague (NL) Netherlands
(86) International Application No	:PCT/EP2010/067464	(72)Name of Inventor:
Filing Date	:05/11/2010	1)ALLAIS Cyrille Paul
(87) International Publication No	: NA	2)NISBET Timothy Michael
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)VAPORCIYAN Garo Garbis 4)VROUWENVELDER Cornelis Leonardo Maria
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a process for the preparation of an alkanediol and a dialkyl carbonate from an alkylene carbonate and an alkanol. Figure 1.



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

(21) Application No.6211/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :01/08/2013 (43) Publication Date : 20/11/2015

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

(51) International classification	:B41M7/00,B41M5/00	(71)Name of Applicant:
(31) Priority Document No	:1102548.3	1)SERICOL LIMITED
(32) Priority Date	:14/02/2011	Address of Applicant :PO Box Patricia Way Pysons Road
(33) Name of priority country	:U.K.	Industrial Estate Broadstairs Kent CT10 2LE U.K.
(86) International Application No	:PCT/GB2012/050329	(72)Name of Inventor:
Filing Date	:14/02/2012	1)GOULD Nigel
(87) International Publication No	:WO 2012/110802	2)WARD Jeremy
(61) Patent of Addition to Application	:NA	3)FASSAM Robert
Number	:NA	4)MCGREGOR Barry
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

2The present invention provides a method of inkjet printing comprising the following steps in order: (i) providing a hybrid inkjet ink comprising an organic solvent a radiation curable material a photoinitiator and optionally a colorant; (ii) printing the ink on to a substrate; (iii) pinning the ink by exposing the ink to actinic radiation at a dose of 1 200 mJ/cm; (iv) evaporating at least a portion of the solvent from the ink; and (v) exposing the ink to additional actinic radiation to cure the ink.

No. of Pages: 45 No. of Claims: 15

(21) Application No.6645/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application: 19/08/2013 (43) Publication Date: 20/11/2015

(54) Title of the invention: DEVICE AND METHOD FOR PRODUCING ABSORBENTS

(51) International

:A61F13/15,A61F13/49,A61F13/53

classification

(31) Priority Document No

:2011040330

(32) Priority Date (33) Name of priority country: Japan

:25/02/2011

(86) International Application

:PCT/JP2012/051696

Filing Date

:26/01/2012

(87) International Publication

:WO 2012/114823

(61) Patent of Addition to

Application Number :NA Filing Date (62) Divisional to Application :NA

Number

:NA

Filing Date

(71)Name of Applicant:

1)UNICHARM CORPORATION

Address of Applicant: 182 Shimobun Kinsei cho Shikokuchuo

shi Ehime 7990111 Japan (72) Name of Inventor: 1)TUKUDA Atushi

2)MURAKAMI Seiji

(57) Abstract:

In order to form absorbents accurately into a previously established shape the absorbent production device is equipped with: a fiber depositing unit that successively forms multiple fiber deposits (S) and discharges said fiber deposits at intervals in the direction of conveyance wherein the patterning plates each have a deep groove towards the back end of the fiber deposit in the conveyance direction so as to form a thick region; a wrapping unit that wraps the fiber deposits discharged successively from the fiber depositing unit with a continuous wrapping material thereby forming a continuous wrapped product; a conveying unit that conveys the continuous wrapped product in the conveyance direction; a pressing unit that presses the conveyed continuous wrapped product to elongate the fiber deposits (S) thereby forming connecting regions (C) that connect adjacent fiber deposits to each other; and a cutting unit that cuts the continuous wrapped product in the connecting regions (C) thereby forming absorbents of the previously established shape.

No. of Pages: 22 No. of Claims: 9

(22) Date of filing of Application :01/08/2013 (43) Publication Date: 20/11/2015

(54) Title of the invention: AUTO INJECTOR

:A61M5/20,A61M5/32 (71)Name of Applicant : (51) International classification 1)SANOFI AVENTIS DEUTSCHLAND GMBH (31) Priority Document No :11155040.6 (32) Priority Date :18/02/2011 Address of Applicant: Br1/4ningstrae 50 65929 Frankfurt am (33) Name of priority country :EPO Main Germany (86) International Application No :PCT/EP2012/052647 (72) Name of Inventor: Filing Date :16/02/2012 1)BRERETON Simon Francis (87) International Publication No :WO 2012/110578 2)KEMP Thomas (61) Patent of Addition to Application 3)BURNELL Rosie :NA

Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA 4)EKMAN Matthew

(57) Abstract:

The invention refers to an auto injector (1) for administering a dose of a liquid medicament (M) comprising: a tubular chassis (2) telescopable in a tubular case (12) a carrier subassembly comprising a tubular carrier (7) slidably arranged relative to the chassis (2) inside the case (12) the carrier (7) adapted to contain a syringe (3) with a hollow injection needle (4) a drive spring (8) and a plunger (9) for forwarding load of the drive spring (8) to a stopper (6) of the syringe (3) wherein the syringe (3) is lockable for joint axial translation with the carrier (7) a control spring (19) arranged around the carrier (7) for translating the carrier (7) in a proximal direction (P) for insertion of the needle (4) through the chassis (2) into an injection site wherein the control spring (19) is arranged to bias the case (12) against the chassis (2) in a distal direction (D) so as to extend the chassis (2) out of a proximal end (P) of the case (12) wherein an insertion depth of the needle (4) is defined by the carrier (7) abutting the chassis (2) in a predefined position wherein the case (12) is arranged to release or allow release of the control spring (19) for needle insertion on translation of the case (12) in the proximal direction (P) relative to the chassis (2) against the bias into an advanced position.

No. of Pages: 78 No. of Claims: 15

(21) Application No.6781/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :22/08/2013 (43) Publication Date : 20/11/2015

(54) Title of the invention: ELECTRONIC TAP CHANGER

(51) International classification :H01F29/02,H02P13/06 (71)Name of Applicant : 1)MASCHINENFABRIK REINHAUSEN GMBH (31) Priority Document No :10 2011 012 080.7 (32) Priority Date Address of Applicant: Falkensteinstrae 8 93059 Regensburg :23/02/2011 (33) Name of priority country :Germany Germany (86) International Application No :PCT/EP2012/051962 (72) Name of Inventor: Filing Date :06/02/2012 1)ENGEL Stefan (87) International Publication No :WO 2012/113641 2)VON BLOH Jochen (61) Patent of Addition to Application 3)DOHNAL Dieter :NA Number 4)VIERECK Karsten :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The invention relates to a tap changer for voltage regulation comprising semiconductor switch units (S1.1 ... S1.6; S2.1 ... S2.6) on a variable transformer having a regulating winding wherein two parallel load branches (1 2) are provided in each of which several series connected semiconductor switch units are arranged. Parts of the regulating winding (W1 W2 W3) and bridges (B1 B2) are provided alternately and run parallel between the two load branches alternating such that by corresponding connection of the semiconductor switch units in both load branches the parts of the regulating wiring can be operated arbitrarily in a subtractive and/or additive manner.

No. of Pages: 14 No. of Claims: 3

(21) Application No.4173/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention : A PERMANENT-MAGNET SYNCHRONOUS MACHINE AND A METHOD FOR MANUFACTURING AND INSTALLING IT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H02K1/27 :20090417 :10/11/2009 :Finland :PCT/FI2010/000069 :10/11/2010	(71)Name of Applicant: 1)ABB OY Address of Applicant:STROMBERGINTIE 1, FI-00381, HELSINKI Finland (72)Name of Inventor: 1)HAURU, ALPO
(87) International Publication No	:WO 2011/058215 A2	2)TAMMI, ARI
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The object of the invention is a permanent-magnet synchronous machine with a stator (14) and a rotor (12) located at the distance of the air gap (81) from the stator. The rotor is sup-ported on the shaft in a rotating arrangement, and a maximum value has been determined for the eccentricity between the stator and the rotor. The value is higher than one-tenth of the air gap. The magnetization of the synchronous machine is arranged with permanent magnets fitted in the rotor (12) for creating a magnetic flux () which is closed via the stator (14), the air gap (51), and the rotor (12). According to the invention, the relation $H > (10\epsilon - \delta) \mu$.r applies between the thickness of the permanent magnet and the maximum value of eccentricity e. In the relation, 8 is the dimensioning value of the air gap and mr is the relative permeability of the permanent magnet.

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

(22) Date of filing of Application: 10/05/2012 (43) Publication Date: 20/11/2015

(54) Title of the invention: ELECTRIC MOTOR ASSEMBLY

(51) International classification(31) Priority Document No	:H02K5/15 :2009905588	(71)Name of Applicant: 1)FASCO ASIA PACIFIC PTY LTD
(32) Priority Date	:13/11/2009	Address of Applicant :1/14 MONTEREY ROAD,
(33) Name of priority country	:Australia	DANDENONG SOUTH, VICTORIA-3175 Australia
(86) International Application No	:PCT/AU2010/001404	(72)Name of Inventor:
Filing Date	:22/10/2010	1)CAMILLERI, STEVEN
(87) International Publication No	:WO 2011/057322 A1	2)TURNER, MATTHEW
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.4170/CHENP/2012 A

(57) Abstract:

(19) INDIA

An axial flux electric motor is disclosed. The motor includes a rotor having a first rotor face, a second rotor face, a primary bearing locator on the first rotor face and one or more permanent magnets mounted to the first rotor face. Also included is a stator having a first stator face, a second stator face, a secondary bearing locator on the first stator face, a stator winding having one or more conductors and a connector for connection of the stator winding to a power source. A bearing assembly is also provided and positioned between the first face of the rotor and the first face of the stator for rotationally supporting movement of the rotor relative to the stator, the bearing assembly axially displacing the rotor from the stator to provide an air gap therebetween. The bearing assembly is engaged by the primary and secondary bearing locators to correctly position the bearing assembly.

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

(21) Application No.3508/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/04/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: COMPOSITION AND METHOD FOR CONTROLLING ARTHROPOD PESTS

 (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 	:A01N43/76 :2009-241743 :20/10/2009 :Japan :PCT/JP2010/068777 :18/10/2010 :WO 2011/049221 A1 :NA :NA	(71)Name of Applicant: 1)SUMITOMO CHEMICAL COMPANY, LIMITED Address of Applicant:27-1, SHINKAWA 2-CHOME, CHUO-KU, TOKYO 104-8260 Japan (72)Name of Inventor: 1)OTSUKI, JUNKO
	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention provides; an arthropod pests control composition, as active ingredients, a condensed heterocyclic compound and pyrethroid compound; a method for controlling arthropod pests which comprises applying effective amounts of a condensed heterocyclic compound and pyrethriod compound to the arthropod pests or a locus where the arthropod pests inhabit; and so on.

No. of Pages: 268 No. of Claims: 6

(21) Application No.6666/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :19/08/2013 (43) Publication Date : 20/11/2015

(54) Title of the invention: IMPROVED COMPOSITE SYSTEM FOR PACKAGING

 (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 	:B32B27/10 :11002043.5 :11/03/2011 :EPO :PCT/EP2012/001038 :08/03/2012 :WO 2012/123085 :NA :NA :NA	(71)Name of Applicant: 1)DEUTSCHE SISI WERKE BETRIEBS GMBH Address of Applicant:Rudolf Wild Strae 107 115 69214 Eppelheim Germany (72)Name of Inventor: 1)KAISIG Carsten 2)BYL Torsten 3)SCHWARTZ Erhard 4)STUMPF Thomas
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(57) Abstract:

The invention relates to a multi layer composite system suited for producing film packaging for example for food stuff. The multi layer composite system is in particular suited for producing stand up pouches suited for packaging liquid food stuff particularly drinks.

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

(21) Application No.6558/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/08/2013 (43) Publication Date : 20/11/2015

(54) Title of the invention: USE OF BUBR1 AS A BIOMARKER OF DRUG RESPONSE TO FURAZANOBENZIMIDAZOLES

(51) International classification	:G01N33/50,A61K31/00	(71)Name of Applicant:
(31) Priority Document No	:11151677.9	1)BASILEA PHARMACEUTICA AG
(32) Priority Date	:21/01/2011	Address of Applicant :Grenzacherstrasse 487 CH 4005 Basel
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2012/050818	(72)Name of Inventor:
Filing Date	:19/01/2012	1)LANE Heidi Alexandra
(87) International Publication No	:WO 2012/098207 A1	2)BACHMANN Felix
(61) Patent of Addition to Application	:NA	3)BREULEUX Madlaina
Number	:NA	4)BOUTROS Michael
Filing Date	.IVA	5)GILBERT Daniel
(62) Divisional to Application Number	:NA	6)ZHANG Xian
Filing Date	:NA	

(57) Abstract:

Use of BUBR1 as a biomarker for predicting the response to a compound preferably resistance of a disease such as cancer in a subject wherein the compound is a furazanobenzimidazole compound of general formula (I).

No. of Pages: 113 No. of Claims: 25

(22) Date of filing of Application :13/08/2013 (43) Publication Date : 20/11/2015

(54) Title of the invention: CHANNEL ESTIMATION FOR REFERENCE SIGNAL INTERFERENCE CANCELATION

:H04J11/00,H04L25/02 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)QUALCOMM INCORPORATED :61/448100 (32) Priority Date Address of Applicant : Attn: International IP Administration :01/03/2011 (33) Name of priority country 5775 Morehouse Drive San Diego CA 92121 1714 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/026952 (72) Name of Inventor: 1)YOO Taesang Filing Date :28/02/2012 (87) International Publication No :WO 2012/118811 2)LUO Tao (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Various aspects disclosed are directed to improvements to channel estimation through more efficient cancelation of neighboring common reference signals (CRS). Cancelation of CRS from other cells allows the user equipment (UE) a better opportunity for accurately detecting the reference signal of the current cell. Alternative aspects have a recursive element that uses previous estimates as the basis for the current channel estimate. The various aspects of the present disclosure generally have two alternative embodiments: (1) initializing the channel estimation for all cells with a previous channel estimate and cancellation of reference signals of non target cells to accurately update channel estimate of the target cell; and (2) initializing the channel estimate for all cells with a previous channel estimate and cancellation of reference signals of all cells to accurately estimate residual channel estimate of the target cell and update its channel estimate.

No. of Pages: 47 No. of Claims: 44

:2011072231

:29/03/2011

:27/03/2012

:PCT/JP2012/057949

:WO 2012/133416

:Japan

:NA

(21) Application No.6411/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :07/08/2013 (43) Publication Date : 20/11/2015

(54) Title of the invention: METHOD FOR PRODUCING PHENOXYPYRIDINE DERIVATIVE

(51) International

:C07D401/12,C07D401/14,A61K31/496

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 :NA

Application Number
Filing Date

(62) Divisional to
Application Number
Siling Deta

Filing Date

(71)Name of Applicant:

1)Eisai R&D Management Co. Ltd.

Address of Applicant :6 10 Koishikawa 4 chome Bunkyo ku

Tokyo 1128088 Japan (72)**Name of Inventor:**

1)TAKAHASHI MASABUMI

(57) Abstract:

123456Disclosed is a method for producing a compound represented by formula (I) or a salt thereof the method being characterized in that a compound represented by formula (II) or a salt thereof is reacted with an aniline derivative represented by formula (III) in water or in a mixed solvent of water and an organic solvent in the presence of 1 ethyl 3 (3 dimethylaminopropyl) carbodiimide and substantially in the absence of a base. (In the formulas R is a 4 [3 (dimethylamino)azetidin 1 yl]piperidin 1 yl group a 4 (4 methylpiperazin 1 yl)piperidin 1 yl group a 3 hydroxyazetidin 1 yl group or a methyl(1 methylpiperidin 4 yl)amino group; R R R and R are each identical or different and signify a hydrogen atom or a fluorine atom; and R signifies a hydrogen atom or a halogen atom.)

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

(21) Application No.6551/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/08/2013 (43) Publication Date : 20/11/2015

(54) Title of the invention: DOWNHOLE TOOLS

(51) International classification :E21B10/32,E21B10/34,E21B33/12

:NA

:WO 2012/098377

(31) Priority Document No :1100975.0 (32) Priority Date :20/01/2011

(33) Name of priority country: U.K.

(86) International Application :PCT/GB2012/050053

No :12/01/2012

Filing Date

(87) International Publication

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application :NA

Number Filing Date (71)Name of Applicant: 1)BYWORTH Ian James

Address of Applicant :Urquhart Dykes & Lord LLP Cale Cross House 156 Pilgrim Street Newcastle upon Tyne Tyne and

Wear NE1 6SU U.K. (72)Name of Inventor: 1)LEE Paul Bernard

(57) Abstract:

A perforating tool (2) usable in a well casing to perforate the well casing is described. Perforating tool (2) comprises an activation member (4) disposed in body (6) wherein the activation member is moveable relative to the body (6) to move at least one working member (8) between and inwardly retracted condition an outwardly deployed condition relative to the body (6). A plurality of pistons (10) is arranged to move the activation member (4) relative to the body (6) each said piston (10) being disposed in a respective pressure chamber (12) arranged to be filled with fluid in response to an increase in fluid pressure in the body (6).

No. of Pages: 53 No. of Claims: 20

(22) Date of filing of Application :21/06/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: POROUS ELECTRODE SUBSTRATE AND METHOD FOR PRODUCING THE SAME

(51) International classification	:H01M4/88	(71)Name of Applicant:
(31) Priority Document No	:2009-266278	1)MITSUBISHI RAYON CO., LTD.
(32) Priority Date	:24/11/2009	Address of Applicant :6-41, KONAN 1-CHOME, MINATO-
(33) Name of priority country	:Japan	KU, TOKYO 108-8506 Japan
(86) International Application No	:PCT/JP2010/070862	(72)Name of Inventor:
Filing Date	:24/11/2010	1)SUMIOKA, KAZUHIRO
(87) International Publication No	:WO 2011/065349 A1	2)TATSUNO, HIROTO
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

The present invention provides a porous electrode substrate that has high sheet strength, low production cost, and sufficient gas permeability and electrical conductivity, and a method for producing the same. In the present invention, the porous electrode substrate is produced by producing a precursor sheet including short carbon fibers (A), and one or more types of short precursor fibers (b) that undergo oxidation and/or one or more types of fibrillar precursor fibers (b) that undergo oxidation, all of which are dispersed in a two-dimensional plane, subjecting the precursor sheet to entanglement treatment to form a three-dimensional entangled structure, then impregnating the precursor sheet with carbon powder and fluorine-based resin, and further heat treating the precursor sheet at a temperature of 150°C or higher and lower than 400°C. This porous electrode substrate includes a three-dimensional entangled structure including short carbon fibers (A) dispersed in a three-dimensional structure, joined together via oxidized fibers (B), short carbon fibers (A) and oxidized fibers (B) being further joined together via carbon powder and fluorine-based resin.

No. of Pages: 57 No. of Claims: 10

(21) Application No.6407/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :07/08/2013 (43) Publication Date: 20/11/2015

(54) Title of the invention: AIRCRAFT WITH IMPROVED AERODYNAMIC PERFORMANCE

(51) International classification :B64D33/02,B64D7/00,B64C1/00 (71) Name of Applicant :

:WO 2012/110845

(31) Priority Document No :TO2011A000122 (32) Priority Date :14/02/2011

(33) Name of priority country :Italy

(86) International Application :PCT/IB2011/001230

No

:30/05/2011 Filing Date

(87) International Publication

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)ALENIA AERMACCHI S.P.A.

Address of Applicant: Via Ing. Paolo Foresio 1 I 21040

Venegono Superiore (Varese) Italy

(72)Name of Inventor: 1)LUCCHESINI Massimo

2)MERLO Emanuele

(57) Abstract:

An aircraft (10) with improved aerodynamic performances adapted to keep the directional stability and a very good aerodynamic behaviour at medium high incidence. Said aircraft (10) comprises a fuselage (12) to which shaped wings (18 20) are associated and a nose (52). Said aircraft (10) also comprises a vortex control device (72) of the extension of the leading edge of the wing a the root (LERX) shaped in order to symmetrize the bursting of the vortices generated by such LERX with a medium high incidence. Said aircraft comprises removable equipment with at least one dissipation device of incident radar waves on at least one hot portion of the aircraft.

No. of Pages: 41 No. of Claims: 9

(21) Application No.6547/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/08/2013 (43) Publication Date : 20/11/2015

(54) Title of the invention: IMAGE PROCESSING APPARATUS CONTROL METHOD FOR THE SAME AND PROGRAM

 (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 	:31/05/2012 :WO 2012/169563 :NA :NA	(71)Name of Applicant: 1)CANON KABUSHIKI KAISHA Address of Applicant: 30 2 Shimomaruko 3 chome Ohta ku Tokyo 1468501 Japan (72)Name of Inventor: 1)NAKAWAKI Jun
Filing Date	:NA	

(57) Abstract:

A mechanism for reducing an operator s time and effort in image data distribution is provided. To accomplish this an image processing apparatus which is capable of communicating with a server that provides a microblogging function for publicizing a message registered by a user to other users registers the first message with the server if image data is stored in a memory; monitors a second message newly registered with respect to the registered first message; analyzes the second message if the second message is detected; and transmits image data based on the result of the analysis.

No. of Pages: 54 No. of Claims: 13

(21) Application No.6549/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/08/2013 (43) Publication Date : 20/11/2015

(54) Title of the invention: SEAT ASSEMBLY HAVING A FRONT CUSHION MODULE

 (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 	:20/03/2012 :WO 2012/138472 :NA :NA	(71)Name of Applicant: 1)LEAR CORPORATION Address of Applicant: 21557 Telegraph Road Southfield Michigan 48033 U.S.A. (72)Name of Inventor: 1)PERRIN Philippe
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A vehicle seat assembly having a seat bottom that includes first and second side frame members and a front cushion module. The front cushion module has a support wire and a cushion. The support wire has first and second ends that are disposed proximate the front end of the first and second side frame members respectively. The cushion receives and is supported by the support wire.

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

(22) Date of filing of Application :31/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention : PLANTS HAVING ENHANCED YIELD-RELATED TRAITS AND METHOD FOR MAKING THE SAME \bullet

	 (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 	:13/07/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)BASF PLANT SCIENCE COMPANY GMBH Address of Applicant:67056 Ludwigshafen Germany Germany (72)Name of Inventor: 1)SANZ MOLINERO Ana Isabel 2)VANDENABEELE Steven
Filing Date :NA			

(57) Abstract:

Nucleic acids and the encoded CER2-like polypeptides Atlg68440-like polypeptides or DEAD-box RNA helicase polypeptides are provided. A method of enhancing yield-related traits in plants by modulating expression of nucleic acids encoding CER2-like polypeptides or Atlg68440-like polypeptides is provided. A method of enhancing yield-related traits in plants by reducing or substantially eliminating expression of nucleic acids encoding DEAD-box RNA helicase polypeptides and/or the activity of DEAD-box RNA helicase polypeptides in said plants is provided. Plants with modulated expression of the nucleic acids encoding CER2-like polypeptides or Atlg68440-like polypeptides have enhanced yield-related traits relative to control plants. Plants with reduction or elimination of the expression of endogenous nucleic acids encoding DEAD-box RNA helicase polypeptides have enhanced yield-related traits relative to control plants.

No. of Pages: 177 No. of Claims: 27

(21) Application No.6570/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/08/2013 (43) Publication Date : 20/11/2015

(54) Title of the invention : USE OF STATHMIN AS A BIOMARKER OF DRUG RESPONSE TO FURAZANOBENZIMIDAZOLES

(51) International classification	:G01N33/50,A61K31/00	(71)Name of Applicant :
(31) Priority Document No	:11151674.6	1)BASILEA PHARMACEUTICA AG
(32) Priority Date	:21/01/2011	Address of Applicant :Grenzacherstrasse 487 CH 4005 Basel
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2012/050819	(72)Name of Inventor:
Filing Date	:19/01/2012	1)LANE Heidi Alexandra
(87) International Publication No	:WO 2012/098208 A1	2)BACHMANN Felix
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Use of stathmin as a biomarker for predicting the response such as resistance to a compound wherein the compound is a furazanobenzimidazole compound of general formula (I).

No. of Pages: 102 No. of Claims: 26

(22) Date of filing of Application :27/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSFERRING DATA VIA RADIO FREQUENCY (RF) MEMORY TAGS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G06K 7/08 , G06F 12/14, G06F 21/00 :12/790,367 :28/05/2010 :U.S.A.	(71)Name of Applicant: 1)NOKIA CORPORATION Address of Applicant: Keilalahdentie 4 FIN-02150 Espoo Finland Finland (72)Name of Inventor:
 (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 	:PCT/FI2011/050285 :04/04/2011 : NA :NA :NA :NA :NA	1)Sergey Boldyrev 2)Mikko Sakari Haikonen 3)Jari-Jukka Harald Kaaja 4)Jarmo Tapani Arponen 5)Joni Jorma Marius Jantunen

(57) Abstract:

An approach is presented for transferring data via radio frequency (RF)memory tags. The UE manager receives a request, at a device, to grant access for interaction between a first RF memory tag and a second RF memory tag, the first RF memory tag associated with one or more trusted storage. Further, the UE manager determines an accessibility state of the first RF memory tag, the one or more trusted storage, or a combination thereof. Then, the UE manager causes, at least in part, granting of the access based, at least in part, on the accessibility state. The access is via a connection between the first RF memory tag and the second RF memory tag. FIG.1

No. of Pages: 56 No. of Claims: 81

(21) Application No.6414/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :07/08/2013 (43) Publication Date : 20/11/2015

(54) Title of the invention: ELECTRIC VEHICLE CONTROL DEVICE

(51) International classification	:B60L11/18,B62J9/00,B62J11/00	(71)Name of Applicant :
(31) Priority Document No	:2011079749	1)HONDA MOTOR CO. LTD.
(32) Priority Date	:31/03/2011	Address of Applicant: 1 1 Minami Aoyama 2 chome Minato
(33) Name of priority country	:Japan	ku Tokyo 1078556 Japan
(86) International Application No	:PCT/JP2012/053178	(72)Name of Inventor: 1)YONEHANA Atsushi
Filing Date	:10/02/2012	2) 2 0 2 (<u>2222 2</u> 2 (22 2 2 2 2 2 2 2 2 2 2 2 2 2 2
(87) International Publication No	:WO 2012/132582	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA :NA	

(57) Abstract:

Filing Date

Provided is an electric vehicle control device wherein the power source device configuration is simplified. A BMU power source device (110) lowers battery voltage to conform to the control voltage of a BMU (109). A fly back down regulator (80) lowers battery voltage to conform to an input of a CPU power source device (111) which forms a control voltage of a CPU (108). A contactor (90) is disposed upon a plus side line which connects a battery (40) with a motor drive circuit (100) and opens and closes according to an instruction from the CPU (108). A control power source of the down regulator (80) is formed by the BMU power source device (110) and a main switch (113) is disposed to open and close a path whereby the control power source voltage is inputted into the down regulator (80).

No. of Pages: 40 No. of Claims: 7

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

(43) Publication Date: 20/11/2015

(54) Title of the invention : DEVICE AND METHOD FOR INVESTIGATING DIAGNOSING OR HELPING TO DIAGNOSE AND TREATING FUNCTIONAL VISION PROBLEMS

 (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 	:G02B27/01,A61B3/00,A61H5/00 :P201100247 :04/03/2011 :Spain :PCT/ES2012/000051 :02/03/2012 :WO 2012/120164 :NA :NA	(71)Name of Applicant: 1)DAVALOR CONSULTORIA ESTRATEGICA Y TECNOLGICA S.L. Address of Applicant: C/ Susabide 48 31620 Gorraiz Navarra Spain (72)Name of Inventor: 1)MARCOS MU'OZ Juan Jos
Filing Date	:NA	

(57) Abstract:

Device and method for investigating diagnosing or helping to diagnose and treating functional vision problems which device is formed by an apparatus which includes functional assemblies (2) intended to be placed in front of the user s eyes each functional assembly (2) comprising a display type screen (5) lens type elements (6) a camera (7) for capturing images and light projection spotlights (8) which functional assemblies (2) are connected to an electronic unit (10) to which are connected in turn a computer (11) a system for detecting external variables (12 13) an audio intercommunication system (14 15) and a control means (16) for determining functional vision problems and performing exercises for correcting said problems.

No. of Pages: 27 No. of Claims: 24

(21) Application No.10666/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: IMAGING APPARATUS AND IMAGING METHOD

:WO 2012/002298

(51) International classification :G03B35/08,G03B7/08,G03B11/00

(31) Priority Document No :2010150317

(32) Priority Date :30/06/2010(33) Name of priority country :Japan

(86) International Application :PCT/JP2011/064621

No :27/06/2011

Filing Date .27/00/201

(87) International Publication

(61) Patent of Addition to :NA

Application Number
Filing Date

:NA
:NA

(62) Divisional to Application Number :NA

Filing Date

(71)Name of Applicant : 1)FUJIFILM Corporation

Address of Applicant :26 30 Nishiazabu 2 chome Minato ku

Tokyo 1068620 Japan (72)Name of Inventor: 1)ENDO Hiroshi

(57) Abstract:

Present invention provides an imaging element that includes a first pixel group and a second pixel group, a pickup execution control unit that performs pixel addition by exposing the first pixel group and the second pixel group of the imaging element during the same exposure in a case of pickup in an SN mode and performs pixel addition by exposing the first pixel group and the second pixel group of the imaging element during different exposure times in a case of pickup in a DR mode, a diaphragm that is arranged in a light path through which the light fluxes which are incident to the imaging element pass, and a diaphragm control unit that, in the case of pickup in the DR. mode, sets the diaphragm value of the diaphragm to be a value which is greater than that of the case of pickup in the SN mode.

No. of Pages: 51 No. of Claims: 18

(21) Application No.10669/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention : HETEROCYCLIC COMPOUNDS THEIR PREPARATION AND THEIR THERAPEUTIC APPLICATION

(51) International :C07D239/84,C07D401/12,C07D471/04

classification

(31) Priority Document :10305665.1

No

(32) Priority Date :22/06/2010

(33) Name of priority :EPO

country

(86) International Application No :PCT/EP2011/060445

Filing Date :22/06/2011

(87) International

Publication No :WO 2011/161159

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to
Application Number
Filing Date
:NA
:NA
:NA

(71)Name of Applicant:

1)FOVEA PHARMACEUTICALS

Address of Applicant :17 rue Moreau F 75012 Paris France

(72)Name of Inventor:
1)MIDDLEMISS David
2)LERICHE Caroline

(57) Abstract:

The invention is directed to certain novel compounds methods for producing them and methods for treating or ameliorating a kinase mediated disorder.

No. of Pages: 55 No. of Claims: 22

(22) Date of filing of Application :26/07/2013

(43) Publication Date: 20/11/2015

(54) Title of the invention: ANALYTICAL AID WITH HYDROPHILIC COATING THAT CONTAINS NANOPARTICLES WITH A SILICON DIOXIDE STRUCTURE

(51) International

:A61B5/145,A61B5/1455,A61B5/1459 classification

(31) Priority Document No:11159172.3 (32) Priority Date :22/03/2011

(33) Name of priority :EPO

country

(86) International :PCT/EP2012/054993 Application No

:21/03/2012 Filing Date

(87) International :WO 2012/126945 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA

Application Number :NA Filing Date

(71)Name of Applicant:

1)ROCHE DIAGNOSTICS GMBH

Address of Applicant: Sandhofer Strasse 116 68305

Mannheim Germany

2)F. HOFFMANN LA ROCHE AG

(72)Name of Inventor: 1)GREIWE Peter 2)BABIC Branislav

(57) Abstract:

The invention relates to an analytical aid comprising a surface that is at least partly coated with a hydrophilic coating said hydrophilic coating containing nanoparticles with a silicon dioxide structure and an average particle size ranging from 1 to 500 nm determined according to DIN ISO 22412:2008. The invention further relates to a method for producing an analytical aid comprising a surface that is at least partly coated with a hydrophilic coating said hydrophilic coating containing nanoparticles with a silicon dioxide structure and an average particle size ranging from 1 to 500 nm determined according to DIN ISO 22412:2008. The invention likewise relates to an analytical aid that can be produced using said method and to a sampling device containing the aforementioned analytical aid that is at least partly coated.

No. of Pages: 70 No. of Claims: 20

(21) Application No.6563/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/08/2013 (43) Publication Date : 20/11/2015

(54) Title of the invention : CATALYTIC HYDROGENOLYSIS OF A COMPOSITION OF A MIXTURE OF OLIGOSACCHARIDE PRECURSORS AND USES THEREOF

(51) International classification	:C07H3/06,C07H15/00,C07H1/00	(71)Name of Applicant:
(31) Priority Document No	:PA 2011 70092	1)GLYCOM A/S
(32) Priority Date	:21/02/2011	Address of Applicant :Diplomvej 373 ~ 1st floor DK 2800
(33) Name of priority country	:Denmark	Kongens Lyngby Denmark
(86) International Application	:PCT/DK2012/050060	(72)Name of Inventor:
No	:21/02/2012	1)DEKANY Gyula
Filing Date	.21/02/2012	2)DEMK Sandor
(87) International Publication	:WO 2012/113405	3)SCHROVEN Andreas
No	.WO 2012/113403	4)CHAMPION Elise
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	INA	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.11/1	

(57) Abstract:

A method for the manufacture of a mixture of human milk oligosaccharides is disclosed. The method involves the catalytic hydrogenolysis of compounds of the general formula 1 and 2. The use of compounds of general formula 1 and 2 in the manufacture of human milk oligosaccharides is also disclosed.

No. of Pages: 61 No. of Claims: 28

(21) Application No.6454/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/08/2013 (43) Publication Date : 20/11/2015

(54) Title of the invention: VALVE PROSTHESIS FOR REPLACING AN ATRIOVENTRICULAR VALVE OF THE HEART

 (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 	:A61F2/24 :NA :NA :NA :PCT/EP2011/000082 :11/01/2011 :WO 2012/095116 :NA :NA	(71)Name of Applicant: 1)FIGULLA Hans Reiner Address of Applicant: Ziegenhainer Strasse 109 B 07749 Jena Germany 2)LAUTEN Alexander (72)Name of Inventor: 1)FIGULLA Hans Reiner 2)LAUTEN Alexander
(61) Patent of Addition to Application	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a valve prosthesis for replacing an atrioventricular valve of the heart, comprising an annular body (12), to which heart valve leaflets are attached and which can be inserted in the valve annulus (18) of the heart (20), and further comprising at least one anchoring part (16, 16), which protrudes from the annular body (12) on the ventricle side and can be anchored in tissue.

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

(21) Application No.6586/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :16/08/2013 (43) Publication Date : 20/11/2015

(54) Title of the invention : USE OF GLU TUBULIN AS A BIOMARKER OF DRUG RESPONSE TO FURAZANOBENZIMIDAZOLES

(51) International classification :G01N33/50,A61K31/00,A61K38/00

(31) Priority Document No :11151681.1 (32) Priority Date :21/01/2011

(33) Name of priority :EPO

country

(86) International PCT/EP2012/050814
Application No

Filing Date :19/01/2012

(87) International Publication No :WO 2012/098203

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to
Application Number
Filing Date
:NA
:NA
:NA
:NA

(71)Name of Applicant:

1)BASILEA PHARMACEUTICA AG

Address of Applicant: Grenzacherstrasse 487 CH 4005 Basel

Switzerland

(72)Name of Inventor:

1)LANE Heidi Alexandra 2)BACHMANN Felix

(57) Abstract:

Use of glu tubulin as a biomarker for predicting the response to a compound preferably resistance of a disease such as cancer in a subject to said compound wherein the compound is a furazanobenzimidazole compound of general formula (I).

No. of Pages: 95 No. of Claims: 25

(21) Application No.5234/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: EXHAUST GAS SAMPLING DEVICE

(51) International classification (31) Priority Document No	:G01N1/22 :2009-286905	(71)Name of Applicant: 1)HORIBA, LTD.
(32) Priority Date	:17/12/2009	Address of Applicant :2, MIYANOHIGASHI-CHO,
(33) Name of priority country (86) International Application No	:Japan :PCT/JP2010/070792	_ -
Filing Date (87) International Publication No	:22/11/2010 :WO 2011/074382	(72)Name of Inventor : 1)TAKAHASHI, YASUSHI
(61) Patent of Addition to Application	A1	
Number	:NA :NA	
Filing Date (62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention is intended to make it possible to set a dilution rate of a sample gas without being restricted by warranty flow ranges of first and second flowmeters and particularly make it possible to dilute the sample gas at a low dilution rate, and is provided with a downstream-side dilution turmel 3 in which a part of exhaust gas flowing through an exhaust pipe is introduced as sample gas into a mixing part 31, a dilution gas flow path 4 which is connected to an upstream side of the downstream-side dilution tunnel 3 and includes the first flowmeter FMI, a diluted sample gas flow path 5 which is coinected to the downstream side of the downstream-side dilution tuinel 3 and includes the second flowmeter FM2, and a dilution gas discharge flow path 6 which is connected to an upstream side of the mixing part 31 in the downstream-side dilution tunnel 3 and includes a third flowmeter FM3.

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

(22) Date of filing of Application :22/06/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: IMMUNOGENIC COMPOSITIONS AND RELATED METHODS

(51) International classification	:A61K39/00	(71)Name of Applicant:
(31) Priority Document No	:61/289,236	1)SANOFI PASTEUR LIMITED
(32) Priority Date	:22/12/2009	Address of Applicant :1755 STEELES AVENUE WEST,
(33) Name of priority country	:U.S.A.	TORONTO, ONTARIO M2R 3T4 Canada
(86) International Application No	:PCT/CA2010/001975	(72)Name of Inventor:
Filing Date	:20/12/2010	1)HARPER, KEVIN
(87) International Publication No	:WO 2011/075822 A8	2)LJUTIC, BELMA
(61) Patent of Addition to Application	:NA	3)GALLICHAN, SCOTT
Number	:NA	4)OCHS, MARTINA, OCHS
Filing Date	.IVA	5)MOREFIELD, GARRY
(62) Divisional to Application Number	:NA	6)AUSAR, FERNANDO
Filing Date	:NA	7)SALHA, MARIE-DANIELLE

(57) Abstract:

This disclosure relates to adjuvants for use in immunogenic composition comprising at least one antigen and an aluminum compound comprising hydroxyl groups that has been treated with phosphate, carboxylate, carbonate, sulfate diphosphonate or a mixture of two or more of these compounds and methods of using these compositions for preventing and treating diseases are also provided. Figures 1A and IB

No. of Pages: 69 No. of Claims: 78

(21) Application No.6467/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/08/2013 (43) Publication Date: 20/11/2015

(54) Title of the invention: FREE FLOW PUMP

(51) International classification (31) Priority Document No :11157262.4 (32) Priority Date :08/03/2011

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2012/053261 Filing Date :27/02/2012 (87) International Publication No :WO 2012/119877

(61) Patent of Addition to Application :NA Number :NA Filing Date

(62) Divisional to Application Number :NA Filing Date :NA

:F04D29/22,F04D29/42 (71)Name of Applicant :

1)EGGER PUMPS TECHNOLOGY AG

Address of Applicant :Route de Neuchtel 36 CH 2088 Cressier

Switzerland

(72) Name of Inventor: 1)FAVRE Jean Nicolas 2)RENGER Hagen 3)GRIMM Michel

(57) Abstract:

The free flow pump comprises an impeller (11 22 33) with an impeller base that is constituted by a front side (14 5 24) of a hub body (12 23) projecting at the center of the impeller (11 22 33) and by a disk surface (18 28) located deeper than the front side (14 24) of the hub body (12 23) and reaching to an outer circumference of the impeller with its maximum depth. The disk surface (18 28) is provided with vanes (19 29 34) comprising open vane front sides (20 30 35) adjoining the hub body (12 23) at their inner end and extending from there to the outer circumference of the impeller (11 22 33). To avoid material accretions in front of the impeller (11 22 33) it is suggested that at least within an inner third of its radius the impeller base is not located deeper with respect to the inner end of the vane front sides (20 30 35) than at most one sixth of the height difference (H) between the inner end of the vane front sides (20 30 35) and the maximum depth of the disk surface (18 28).

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

(21) Application No.4431/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application: 18/05/2012 (43) Publication Date: 20/11/2015

(54) Title of the invention: METHOD FOR OBTAINING WHITE SUGAR FROM CANE JUICES

:NA

:NA

:NA

(51) International classification (71)Name of Applicant: :C13D (31) Priority Document No 1)ALAVES BOLANOS, MARIO :MX/A/2009/012528 (32) Priority Date Address of Applicant : HAMBURO NO. 128, COL. VALLE :19/11/2009 (33) Name of priority country DORADO TLALNEPANTLA, ESTADO DE MEXICO, C.P.-:Mexico (86) International Application No :PCT/MX2010/000002 54020 Mexico (72)Name of Inventor: Filing Date :11/01/2010 (87) International Publication No :WO 2010/131937 A1 1)ALAVES BOLANOS, MARIO (61) Patent of Addition to Application :NA Number

(57) Abstract:

Filing Date

Filing Date

(62) Divisional to Application Number

The invention relates to a method for obtaining white sugar from cane juice, characterised in that it involves: obtaining sugar colours of between 300 and 150 ICUMSA units, with a sulphite content no greater than 5 ppm and an ash content no greater than 0.2% in the case of white sugar and in the case of refined sugar with colours less than 40 UI, less than 5 ppm sulphites and less than 0.04 % ash, using fewer chemical products and devices and comprising the formation of reducing sugars; as well as optimising the production time, reducing deterioration, making the process and the chemical products more efficient and preventing S02 contamination. The method is characterised in that it simplifies the traditional method of obtaining white sugar using elemental sulfur, eliminating prealkalinization and sulphiting and the respective machinery and equipment and reducing the number of chemical products, such as lime, phosphoric acid, sulfur and activated carbon, in order to aggregate only sodium metabisulphite optionally complemented with monosodium phosphate in juice with pH values of 4 to 6.6 prior to any process involving the clarification of juice, cane syrup or molten liquor.

No. of Pages: 36 No. of Claims: 1

(21) Application No.5451/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :22/06/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: IMMUNOGENIC COMPOSITIONS

(51) International classification	:A61K39/09	(71)Name of Applicant:
(31) Priority Document No	:61/289,236	1)SANOFI PASTEUR LIMITED
(32) Priority Date	:22/12/2009	Address of Applicant: 1755 STEELES AVENUE WEST,
(33) Name of priority country	:U.S.A.	TORONTO, ONTARIO M2R 3T4 Canada
(86) International Application No	:PCT/CA2010/001977	(72)Name of Inventor:
Filing Date	:20/12/2010	1)GALLICHAN, SCOTT
(87) International Publication No	:WO 2011/075823 A1	2)HARPER, KEVIN
(61) Patent of Addition to Application	:NA	3)LJUTIC, BELMA
Number	:NA	4)OCHS, MARTINA, OCHS
Filing Date	.IVA	5)MOREFIELD, GARRY
(62) Divisional to Application Number	:NA	6)AUSAR, FERNANDO
Filing Date	:NA	7)SALHA, MARIE-DANIELLE

(57) Abstract:

This disclosure relates to immunogenic composition comprising an isolated immunogenic S pneumoniae PcpA polypeptide and at least one additional antigen (such as for example, an isolated immunogenic S pneumoniae polypeptide selected from the group consisting of the polyhistidine triad family of proteins (eg. PhtD) and methods of using these compositions for preventing and treating diseases caused by S. pneumoniae. Figure 14

No. of Pages: 112 No. of Claims: 80

(22) Date of filing of Application :05/08/2013 (43) Publication Date : 20/11/2015

(54) Title of the invention: METHOD FOR PRODUCING POLARIZER

(51) International classification	:C07D	(71)Name of Applicant:
(31) Priority Document No	:2009- 111678	1)NITTO DENKO CORPORATION Address of Applicant :1-2, SHIMOHOZUMI 1-CHOME,
(32) Priority Date	:01/05/2009	IBARAKI-SHI, OSAKA 567-8680 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)SAWADA, HIROAKI
Filing Date	:NA	2)KITAGAWA, TAKEHARU
(87) International Publication No	: NA	3)KAMIJO, TAKASHI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:	
Filed on	:01/01/1900	

(57) Abstract:

ABSTRACT METHOD FOR PRODUCING POLARIZER This invention relates to a polarizer comprising a stretched layer of polyvinyl alcohol-based resin including iodine adsorbed therein; wherein said layer of polyvinyl alcohol-based resin has a thickness of 0.4 to 7 urn and includes polymer chains oriented substantially in a given direction being the direction of stretching, said polymer chain including a crystallized portion oriented substantially in said given direction; and wherein said iodine adsorbed in said layer of polyvinyl alcohol-based resin in the form of polyiodine ion complex adsorbed to the crystallized portion of said layer of polyvinyl alcohol-based resin, whereby the polarizer exhibits an absorbance in the range of from 0.3 to 0.4 and said polyiodine ion complex adsorbed to the crystallised portion of said layer of polyvinyl alcohol-based resin provides the polarizer with dichroism within a visible light range.

No. of Pages: 39 No. of Claims: 7

(21) Application No.476/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :21/01/2013 (43) Publication Date : 20/11/2015

(54) Title of the invention: WATER SOLUBLE POLYMER AND WATER SOLUBLE NANOPARTICLE COMPOSITE

(51) International classification :C08G73/04,B82Y5/00,G01N21/64

(31) Priority Document No :2010-145340 (32) Priority Date :25/06/2010

(33) Name of priority country: Japan

(86) International Application :PCT/JP2011/064503

Filing Date :24/06/2011

(87) International Publication :WO 2011/162366 A1

(61) Patent of Addition to Application Number :NA :NA

Filing Date

(62) Divisional to Application
Number

Filing Date

:NA
:NA
:NA

(71)Name of Applicant:

1)TORAY INDUSTRIES INC.

Address of Applicant: 1 1 Nihonbashi Muromachi 2 chome

Chuo ku Tokyo 1038666 Japan

(72)Name of Inventor: 1)PARK Joonsik 2)HIGASA Masashi

3)SOGAME Asako

(57) Abstract:

The purpose of the present invention is to form a water soluble nanoparticle composite which comprises multiple nanoparticles clumping together and has a high homogeneity and high stability by forming a composite of nanoparticles using a water soluble polymer shown in Fig. 1 thereby enabling the utilization of nanoparticles for biochemical purposes.

No. of Pages: 66 No. of Claims: 11

(22) Date of filing of Application :21/08/2013 (43) Publication Date : 20/11/2015

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

(51) International classification :C12M1/34,G01B11/00,G01P3/80 (71) Name of Applicant : (31) Priority Document No :2011043330 1)SONY CORPORATION (32) Priority Date :28/02/2011 Address of Applicant: 17 1 Konan Minato ku Tokyo 1080075 (33) Name of priority country :Japan Japan (86) International Application (72)Name of Inventor: :PCT/JP2012/054857 1)HAYAKAWA Tomohiro :28/02/2012 Filing Date 2)KUNIHIRO Takeshi (87) International Publication 3)MATSUI Eriko :WO 2012/118049 A1 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

The present technique relates to a display control apparatus and method an image processing apparatus and method and a program for achieving easy and harmless observation of the motion of an object to be observed. There are included: a first display control unit that uses one or more images which include cells to perform display control of a cell image; and a second display control unit that associates a part or all of a motion amount which is generated for each of a plurality of partial areas by use of the one or more images with the respective partial area and that further performs display control such that the part or all of the motion amount is displayed and superimposed on the cell image. The present disclosure can be applied to a display control apparatus or an image processing apparatus.

No. of Pages: 82 No. of Claims: 20

(21) Application No.6735/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :21/08/2013 (43) Publication Date: 20/11/2015

(54) Title of the invention: SHOVEL

(51) International classification :H01G9/26,E02F9/00,H01G9/155 (71)Name of Applicant :

:16/01/2012

(31) Priority Document No :2011014214 (32) Priority Date :26/01/2011

(33) Name of priority country :Japan

(86) International Application :PCT/JP2012/050689 No

Filing Date

(87) International Publication :WO 2012/102108

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

1)SUMITOMO HEAVY INDUSTRIES LTD.

Address of Applicant: 1 1 Osaki 2 chome Shinagawa ku

Tokyo 1416025 Japan (72)Name of Inventor:

1)KUJI Izumi

Electric power is supplied to an electric motor from an electricity storage module. An object to be driven is driven by the electric motor. The electricity storage module has protection plates stacked in a stack direction and also has flat plate like electricity storage cells sandwiched between the adjacent protection plates. The protection plates have a position restraining shape for restraining relative positions in a position restraining direction perpendicular to the stack direction.

No. of Pages: 61 No. of Claims: 8

(21) Application No.10598/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/12/2012

(43) Publication Date: 20/11/2015

(54) Title of the invention : ELECTROMAGNETIC VIBRATING DIAPHRAGM PUMP WITH FUNCTION PREVENTING FLUID LEAKAGE TO ELECTROMAGNETIC PORTION

 (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 	:F04B 43/02, F04B 43/04, F04B 45/04 :2011-086681 :08/04/2011 :Japan :PCT/JP2012/058310 :29/03/2012 : NA :NA	(71)Name of Applicant: 1)TECHNO TAKATSUKI CO. LTD. Address of Applicant:8-16 Hacchonishimachi Takatsuki-shi Osaka 569-0095 Japan Japan (72)Name of Inventor: 1)Hideki ISHII 2)Tsuyoshi TAKAMICHI
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The object is to provide an electromagnetic vibrating diaphragm pump which is safe even when a diaphragm of a diaphragm pump is damaged and liquid or flammable gas penetrates an electromagnetic drive. An electromagnet coil container 7 containing electromagnet coils 4 in an airtight manner is further provided inside a casing 2 preventing fluid penetrated into the space outside the electromagnet coil container 7 from penetrating into the space inside the electromagnet coil container 7 and the electromagnet coil container 7 has a passage P formed for an oscillator 5 to move in reciprocation and the passage P is formed of a partition wall outside the container 7 the electromagnetic coil container is configured to prevent fluid penetrated into the space inside the passage P from penetrating into the space inside the electromagnet coil container 7.

No. of Pages: 20 No. of Claims: 5

(22) Date of filing of Application:19/12/2012 (43) Publication Date: 20/11/2015

(54) Title of the invention: METHOD AND APPARATUS FOR CONTROLLING DISTRIBUTION OF POWER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H01R 13/6, G05B 19/00, H02H 3/24 :NA :NA :NA :PCT/CN2010/073060 :21/05/2010	,
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:21/05/2010 : NA :NA :NA	2)CHIANG Wei-Shih
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method and an apparatus for controlling distribution of power. The apparatus is used for controlling application of power to a plurality of devices including at least one master device and at least one controlled device. The apparatus includes: a power inlet constructed and arranged to receive power from a power source; a plurality of power outlets including at least one master power outlet (12M) and at least one controlled power outlet (12S); and means for generating a power profile of the at least one master device electrically connected to the master power outlet, determining a characteristic of a stand-by power consumption level of the at least one master device and controlling a supply of power from the power inlet to the at least one controlled power outlet in response to a comparison of a characteristic of power delivered to the at least one master device with the characteristic of the stand-by power consumption level.

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

(21) Application No.6168/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :31/07/2013 (43) Publication Date : 20/11/2015

(54) Title of the invention: TOPICAL ANTIFUNGAL AGENT

(51) International :C07D231/12,A61K31/415,A61P17/00

classification .CO/D251/12,A01K31/413 (31) Priority Document No :2011017347

(31) Priority Document No :2011017347 (32) Priority Date :30/01/2011 (33) Name of priority

country :Japan

(86) International Application No :PCT/JP2012/051991

Filing Date :30/01/2012

(87) International Publication No :WO 2012/102404

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to

(62) Divisional to Application Number Filing Date :NA (71)Name of Applicant:

1)Meiji Seika Pharma Co. Ltd.

Address of Applicant :4 16 Kyobashi 2 chome Chuo ku Tokyo

1048002 Japan

(72)Name of Inventor:
1)OHYAMA Makoto
2)TABATA Yuji
3)IIDA Maiko
4)KANEDA Kaori
5)TAKAHATA Sho

(57) Abstract:

Provided is an anti Trichophyton agent having as an active ingredient a compound having a 2 (1H pyrazol 1 yl)phenol backbone represented by formula (I) or (II) or a salt of the compound.

No. of Pages: 83 No. of Claims: 10

(22) Date of filing of Application :19/12/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: FLAVOURING COMPOSITIONS AND METHODS FOR MAKING SAME •

 (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 	:C12J 1/00 :12/823,857 :25/06/2010 :U.S.A. :PCT/US2011/042034 :27/06/2011 : NA :NA :NA	(71)Name of Applicant: 1)FRITO-LAY TRADING COMPANY GMBH Address of Applicant: Spitalgasse 2 CH-3011 Bern Switzerland Switzerland (72)Name of Inventor: 1)GEORGE Eapen 2)GROHNKE Stefanie Gesa 3)HILLMANN Hedda 4)HOFMANN Thomas 5)SCHIEBERLE Peter
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Methods for synthesizing traditional balsamic vinegar conventional balsamic vinegar and Parmesan cheese flavouring compositions are provided for easily synthesizing these flavourings for use in or with food products for flavour addition enhancement and/or substitutes for flavourings typically obtained only after long aging methods.

No. of Pages: 86 No. of Claims: 45

(21) Application No.6205/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :01/08/2013 (43) Publication Date : 20/11/2015

(54) Title of the invention: TRAVEL SITUATION DETECTION SYSTEM

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:PCT/JP2011/050105	1)The Aqua Enterprise Company
(32) Priority Date	:06/01/2011	Address of Applicant :4 Urikura Kisarazu shi Chiba 2920007
(33) Name of priority country	:Japan	Japan
(86) International Application No	:PCT/JP2011/080176	(72)Name of Inventor:
Filing Date	:27/12/2011	1)YANO Koichi
(87) International Publication No	:WO 2012/093618	
(61) Patent of Addition to Application	.NI A	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided is a travel situation detection system that can inhibit the occurrence of delays during the travel of a person or a baggage in a transportation means facility and that can enhance service quality for rendezvousing etc. The travel situation detection system specifies with checking devices (21) the passage time instants at which a traveler or a baggage passes respective waypoints on a travel route provided in an airport compares the passage time instant or the passage time between two waypoints with an average value and notifies the comparison result to the traveler or an operator through the checking device(s) (21) or a terminal device (22). If the passage time instant or the passage time is late compared to the average value the traveler can hurry up with his/her travel and the operator transporting the baggage can hurry up with the transport of the baggage. The travel situation detection system may also notify the travel situation of the traveler to for example a person rendezvousing with the traveler through the use of a terminal device (22) or a mobile terminal device (23). The person rendezvousing with the traveler can grasp the travel situation of the traveler and make preparations right before the rendezvous and thus the rendezvousing situation can be improved.

No. of Pages: 120 No. of Claims: 10

(22) Date of filing of Application :25/02/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention : INFRARED-BASED LOW COST ALARM AND FLOW STOP SYSTEM FOR INTRAVENOUS THERAPY

(51) International classification :A61 (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 Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA Filing Date :NA	(71)Name of Applicant: 1)SAMRAT Address of Applicant: NEW C-1, 32 R.A.U. PUSA, SAMASTIPUR, BIHAR, INDIA-848125 Bihar India 2)BINIL JACOB 3)DR.DEVENDRA SINGH (72)Name of Inventor: 1)SAMRAT 2)BINIL JACOB 3)DR.DEVENDRA SINGH 4)Greeshma Unnikrishnan 5)Mahesh Kumar Rathor
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(57) Abstract:

The invention provides an efficient monitoring and control system during intravenous infusion therapy which is a common procedure in hospitals and clinics. This low cost device has been developed to eliminate the risk of excess infusion of fluid into the body or backflow of blood from the body due to complete drainage of infusion tube. The device consists of a sensor strip, a buzzer, a mechanical system to stop the flow of fluid in the tube and an electronic system that activates the buzzer and the flow-stop system. The sensing mechanism is based on the principle of reflection of infrared rays by the fluid in the bottle. The IR based sensor senses the presence and absence of fluid at a specific level and feeds that data for further processing to the microcontroller which decides the initiation of alann and flowstop system. Multiple configurations of the system are possible with different features to suit varied needs.

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

(22) Date of filing of Application :03/11/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: TRANSMISSION METHOD AND DEVICE FOR MULTIPLE INPUT MULTIPLE OUTPUT (MIMO)

 (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 	:H04L1/06 :201210132496.9 :28/04/2012 :China :PCT/CN2013/073520 :30/03/2013 :WO 2013/159633 :NA :NA :NA	(71)Name of Applicant: 1)HUAWEI TECHNOLOGIES CO. LTD. Address of Applicant: Huawei Administration Building Bantian Longgang Shenzhen Guangdong 518129 China (72)Name of Inventor: 1)ZHAO Yueying 2)MA Xueli 3)WANG Zongjie
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(57) Abstract:

Disclosed is a transmission method for uplink MIMO comprising a user equipment (UE) sending first data to a base station (NodeB) in a first process in HARQ_RTT and receiving a confirmation character relevant to the first data and returned by the Node B; and the UE determining data transmission in the first process in next HARQ_RTT according to the confirmation character and a rank value to be used for next transmission. The present invention further provides a corresponding UE and base station. By implementing the method and the device that are provided by the present invention the UE can correctly perform MIMO HARQ transmission thereby effectively ensuring the MIMO performance.

No. of Pages: 41 No. of Claims: 28

(21) Application No.2486/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: HAND HELD PLANER

:B27C1/10,B27G17/02 (71)Name of Applicant : (51) International classification 1)ACCESS TOOLING PTY LTD (31) Priority Document No :2012901417 (32) Priority Date Address of Applicant :Box 123 Park Orchards Victoria 3114 :11/04/2012 (33) Name of priority country :Australia Australia (86) International Application No :PCT/AU2013/000372 (72)Name of Inventor : Filing Date :11/04/2013 1)ATLAGIC Peter (87) International Publication No :WO 2013/152394 2)TANOUSIS Kiki (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The invention provides a hand held planer (1) for planing a work piece surface comprising a planing tool (41) disposed between a first base (20) and a second base (30 31) the planer (1) being configurable so that it can be moved by hand along the work piece surface with the first base (20) leading and the first (20) and second (30 31) bases guiding the planer (1) along the work piece surface and the planing tool planing off a thickness of the work piece wherein at least one (30 31) of the bases is an adjustable base such that at least a portion (31) thereof is removable or movable between a position that provides an operable lengthened configuration and a position that provides an operable shortened configuration such that a length of the adjustable base in guiding contact with the work piece surface is reduced or eliminated in the shortened configuration compared to the lengthened configuration.

No. of Pages: 24 No. of Claims: 20

(21) Application No.2487/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention : FREQUENCY OFFSET ESTIMATION BETWEEN A MOBILE COMMUNICATION TERMINAL AND A NETWORK NODE

(51) International classification: H04L25/02, H04L27/26, H04L7/04 (71) Name of Applicant: (31) Priority Document No 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) (32) Priority Date Address of Applicant: S 164 83 Stockholm Sweden :NA (33) Name of priority country (72)Name of Inventor: :NA 1)FORSGREN Eva Margaretha (86) International Application :PCT/SE2012/050510 2)MAURITZ Oskar :14/05/2012 Filing Date (87) International Publication :WO 2013/172748 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

There is disclosed a method for estimating a frequency offset between a mobile communication terminal and a network node. The method is based on processing by means of a matched filter a preamble sequence for random access received on a physical random access channel PRACH. Thus the method is preferably applied in the Evolved Universal Terrestrial Radio Access (E UTRA) network. In the matched filtered preamble sequence two peaks are determined and the frequency offset is based on a ratio of the two peaks. A corresponding network node computer program and computer program product are also presented. The network node is preferably performed in a network node of the type eNodeB E UTRAN NodeB also known as Evolved NodeB.

No. of Pages: 27 No. of Claims: 18

(22) Date of filing of Application :04/11/2014

(43) Publication Date: 20/11/2015

(54) Title of the invention : METHOD SYSTEM DEVICE AND ELECTRONIC SIGNATURE TOOL FOR AUDIO COMMUNICATION MODULATION SCHEME SELF ADAPTATION

Filing Date ·NA	 (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 	:09/06/2013 :WO 2013/189256 :NA :NA	(71)Name of Applicant: 1)TENDYRON CORPORATION Address of Applicant: 1810 Tower B No.38 Xueqing Road Haidian District Beijing 100083 China (72)Name of Inventor: 1)LI Dongsheng
Filing Date :NA			

(57) Abstract:

Provided in the present invention are a method system device and electronic signature tool for audio communication modulation scheme self adaptation. The method comprises the following steps: a first device modulates first audio data by means of at least two modulation schemes to generate first audio data code streams and splices same into a first audio data stream for transmission to a second device; the second device determines on the basis of the first audio data stream the modulation schemes correctly received and supported by the first device modulates by means of the at least two modulation schemes second audio data comprising the modulation schemes correctly received and supported by the first device to generate second audio data code streams and splices same into a second audio data stream for transmission to the first device; the first device determines on the basis of the second audio data stream the modulation schemes correctly received and supported by the second device; and the first device selects the optimal modulation scheme used thereby and the optimal modulation scheme used by the second device. The method allows for rapid determination of the audio modulation scheme allows rapid exchange of audio data and reduces loss of fidelity in exchanged data.

No. of Pages: 69 No. of Claims: 59

(22) Date of filing of Application :05/11/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: ROLLER LEVELER AND PLATE MATERIAL CORRECTION METHOD USING SAME

(87) International Publication No :WO 2013/161555 (2)AOYAMA Toru (61) Patent of Addition to Application Number :NA Filing Date :NA Filing Date :NA Filing Date :NA	Number Filing Date (62) Divisional to Application Number	:NA :NA	1)ABE Keizo 2)AOYAMA Toru
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(57) Abstract:

A roller leveler (100) equipped with: a leveling roll unit (20) having multiple leveling rolls (6 8a 8b) that sandwich a plate material (P) therebetween and rotate so as to transfer the plate material while pressing against the plate material; pressing cylinders (4a 4b) that press against the plate material at the entrance and the exit of the leveling roll unit (20) via the leveling rolls (6 8a 8b); and a drive mechanism (15) that causes the leveling rolls (6 8a 8b) to rotate thereby transferring the plate material (P). At least one leveling roll (8b) of the multiple leveling rolls (6 8a 8b) is a stepped structure having a larger diameter width direction center part (21) corresponding to the center part of the plate material in the width direction and smaller diameter width direction end parts (22) corresponding to the ends of the plate material in the width direction.

No. of Pages: 32 No. of Claims: 12

(22) Date of filing of Application :05/11/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: MOBILE CONCRETE PUMP

 (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 	:E04G21/04 :10 2012 215 050.1 :24/08/2012 :Germany :PCT/EP2013/064552 :10/07/2013 :WO 2014/029552 :NA :NA	(71)Name of Applicant: 1)PUTZMEISTER ENGINEERING GMBH Address of Applicant: Max Eyth Strasse 10 72631 Aichtal Germany (72)Name of Inventor: 1)FÜGEL Dietmar
Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a mobile concrete pump comprising a supporting structure (46) that is placed directly or indirectly by means of an assembly frame (22) on the running gear (12) of an HGV chassis (10) said supporting structure incorporating functional units that form a support device and a placing boom (36). The placing boom (36) is rotatably mounted on a boom pedestal (44). The boom pedestal (44) comprises a vessel (52) that is inserted in the supporting structure (46) and acts as a rotary bearing for the placing boom (36) while the support device has two support leg casings (54 56) which are integrated into the supporting structure (46) cross over one another have diagonal passages that are open at the front and have a telescopic support leg (40) in each support leg casing. A feature of the invention is that the supporting structure (46) has a polygonal opening (50) which is open at the top and runs parallel to the rotational axis (48) of the placing boom (36) while the contour of the vessel (52) of the boom pedestal (44) is adapted to the polygonal opening (50) and said vessel is inserted from above into the polygonal opening (50) of the supporting structure (46). To achieve a particularly favourable flow of forces in this construction between the placing boom (36) and the support legs (40) each of two lateral faces (68) of the vessel (52) which form an angle to one another is aligned parallel with a respective lateral wall (70) of each support leg casing (54 56).

No. of Pages: 20 No. of Claims: 9

(22) Date of filing of Application: 10/11/2014 (43) Publication Date: 20/11/2015

(54) Title of the invention : TEXTILE PART COMPOSITE MATERIAL ELEMENT WITH TEXTILE PART AND PRODUCTION METHOD FOR THE SAME

(51) International classification :D03D13/00,D03D19/00,D03D15/00

(31) Priority Document No :12167731.4 (32) Priority Date :11/05/2012

(33) Name of priority :EPO

country

(86) International :PCT/EP2013/058127

Application No
Filing Date

FC17EF 2013

:18/04/2013

(87) International

Publication No :WO 2013/167362

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to
Application Number
:NA
:NA
:NA
:NA

(71)Name of Applicant : 1)GROZ BECKERT KG

Address of Applicant :Parkweg 2 72458 Germany

(72)Name of Inventor: 1)BISCHOFF Thomas

(57) Abstract:

Filing Date

The present invention relates to a textile part provided and configured in particular for producing a composite material element (11) or a composite material body (12). The textile part (10) has a reinforcing system (15) made of reinforcing warp threads (16) and reinforcing weft threads (17). Also present is a binding system (25) which consists of binding warp threads (27) and binding weft threads (26). The reinforcing system (15) has at least one first portion (20) into which the reinforcing threads (16 17) are interwoven with one another directly and thus undergo binding. This results in the composite material being capable of withstanding high mechanical loading in the region in which the at least one first portion (20) of the textile part (10) is arranged. The reinforcing system (15) also has at least one second portion (21) in which the reinforcing threads (16 17) form binding free crossover locations (22) and are preferably laid on one another in a drawn out state. The reinforcing system (15) thus constitutes a laid structure in the at least one second portion (21). This laid structure is surrounded by the binding threads (26 27) of the binding system (25). The laid structure of the reinforcing system (15) said structure being provided in the second portion (21) ensures particularly good draping and deformation capability at this location of the composite material.

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

(19) INDIA

(22) Date of filing of Application :10/11/2014 (43) Publication Date : 20/11/2015

(21) Application No.2521/KOLNP/2014 A

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(54) Title of the invention: PARTICLE FILTER

(51) International classification	:F01N3/021	(71)Name of Applicant :
(31) Priority Document No	:10 2012 207 960.2	1)EBERSPÄCHER EXHAUST TECHNOLOGY GMBH &
(32) Priority Date	:11/05/2012	CO. KG
(33) Name of priority country	:Germany	Address of Applicant :Homburger Str. 95 66539 Neunkirchen
(86) International Application No	:PCT/EP2013/059428	Germany
Filing Date	:07/05/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2013/167556	1)WERNI Marcus
(61) Patent of Addition to Application	:NA	2)VYELYAYEV Oleksander
Number	:NA	3)EHRLER Simon
Filing Date	.1171	4)SUMMERS Andrew
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a particle filter (2) for filtering exhaust gas in an internal combustion engine in particular of a motor vehicle comprising a housing and a filter element (5). Simplified installation and/or simplified replacement of the filter element (5) and/or improved sealing of the housing (4) results if the filter element (5) is supported in an inner jacket (9) which is supported radially in an outer jacket (12) and is arranged so as to be axially movable in the outer jacket (12) wherein the inner jacket (9) is axially supported on a ring (24) which is supported axially on a cover (22) that closes an installation opening (20) of the housing (4) by means of at least one supporting element (25) in order to transmit pressure forces. The invention further relates to a muffler (1) having such a particle filter (2) wherein a section of a muffler housing (3) of the muffler (1) forms the housing (4) of the particle filter (2).

No. of Pages: 32 No. of Claims: 15

(21) Application No.2522/KOLNP/2014 A

Address of Applicant: Kreuzstrasse 26 CH 8008 Zürich

1)TPRESSO AG

(19) INDIA

(22) Date of filing of Application: 10/11/2014 (43) Publication Date: 20/11/2015

(54) Title of the invention: PACKAGING OF DRY LEAVES IN SEALED CAPSULES

(51) International classification:B65B29/02,B65B31/02,A23F3/12 (71)Name of Applicant: (31) Priority Document No :12166912.1

(32) Priority Date :04/05/2012

(33) Name of priority country

(57) Abstract:

Switzerland :EPO (86) International Application (72)Name of Inventor: :PCT/IB2013/053535 No 1)FAVRE Eric :03/05/2013 Filing Date (87) International Publication :WO 2013/164798 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

A system (1) for packaging tea in a sealed capsule (3). The system includes a machine (4) for breaking dried tea leaves said machine comprising an inlet (11) for supplying dried tea leaves an outlet (12) for releasing the broken tea leaves and at least one breaker device (5a 5b and 5c) including a first breaker member (6) and a second breaker member (8) that can be removed relative to the first breaker member said first and second breaker members being configured to bend the dried tea leaves until they break.

No. of Pages: 41 No. of Claims: 25

(21) Application No.2523/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 10/11/2014 (43) Publication Date: 20/11/2015

(54) Title of the invention: METHOD OF OPERATING A DISPLAY UNIT AND A TERMINAL SUPPORTING THE SAME

(51) International classification :G06F3/01,G06F3/14,G06F3/048 (71) Name of Applicant:

:1020120051323 (31) Priority Document No (32) Priority Date :15/05/2012

(33) Name of priority country :Republic of Korea (86) International Application :PCT/KR2013/004187

No :10/05/2013 Filing Date

(87) International Publication No:WO 2013/172607

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

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)PARK Eun Young 2)LEE Chung Kyu

3)SONG Pill Sun

(57) Abstract:

A method of operating a display unit enhances functionality of one hand control and a terminal supports the same. The method of operating the input area output on the display unit includes: determining whether one hand operation mode is set; and displaying a first input module in which a key map area is displayed to be biased to a specific direction based on a center of the display unit when the one hand operation mode is set.

No. of Pages: 48 No. of Claims: 20

(22) Date of filing of Application :03/11/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: INTEGRATED CIRCUIT PROVISIONING USING PHYSICAL UNCLONABLE FUNCTION

(51) International classification	:H03F	(71)Name of Applicant :
(31) Priority Document No	:14/082,829	1)VIXS SYSTEMS INC.
(32) Priority Date	:18/11/2013	Address of Applicant :1210 SHEPPARD AVENUE EAST,
(33) Name of priority country	:U.S.A.	SUITE 800, TORONTO, ONTARIO M2K 1E3 CANADA
(86) International Application No	:NA	Canada
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)PAUL D. DUCHARME
(61) Patent of Addition to Application Number	:NA	2)HEYUN ZHENG
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		-

(57) Abstract:

A one-time programmable (OTP) memory of an integrated circuit is provisioned based on identifier data generated by a physical unclonable function (PUF) of the integrated circuit. The identifier data is used as part of cryptographic operations to secure provisioning of security information at an OTP memory of at the integrated circuit. Because of the physical characteristics of the PUF and its incorporation in the integrated circuit, the identifier information is unique to the integrated circuit. Accordingly, the provisioned security information is also unique to the integrated circuit. The OTP memory can therefore be securely provisioned at later stages of the integrated circuit manufacturing and configuration process, such as after the integrated circuit has been packaged or attached to a printed circuit board.

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

(22) Date of filing of Application :05/11/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: BRIDGING DEVICE USING DIFFERENT MATERIALS AND METHOD OF MANUFACTURE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H01R25/16,H01R4/62,H01R4/18 :12 53511 :17/04/2012 :France	(71)Name of Applicant: 1)HAGER ELECTRO SAS (SOCIÉTÉ PAR ACTIONS SIMPLIFIÉE) Address of Applicant: 132 boulevard dEurope F 67210
(86) International Application No Filing Date (87) International Publication	:PCT/FR2013/050806 :12/04/2013	Obernai France (72)Name of Inventor: 1)GANCEL Etienne
No	:WO 2013/156719	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The subject of the present invention is a bridging device for electrically linking electrical apparatuses of a board such as circuit breakers comprising an electrically conducting part (1) which exhibits on the one hand contact zones (2) for connecting electrically to said apparatuses and on the other hand a core (3) for electrically interlinking said contact zones (2). This bridging device is characterized in that the constituent material of the contact zones (2) on the one hand and the constituent material of the core (3) on the other hand are different. The chosen shapes and principles of assembly associated with the choices of different materials allow economical execution. The subject of the invention is also a method of manufacturing such a device.

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

(21) Application No.2502/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: GENERATING AND RECEIVING A TRAINING SEQUENCE

 (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 	:H04J3/00 :61/625172 :17/04/2012 :U.S.A. :PCT/SE2013/050311 :21/03/2013 :WO 2013/158014 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant: SE 164 83 Stockholm Sweden (72)Name of Inventor: 1)LOPEZ Miguel
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Methods and devices for generating and receiving a training sequence in a radio communication network for a user sharing the same transmission slot with other users is provided where multiple users are multiplexed in the same time slot. A first original bit sequence is repeated and a cyclic prefix and a cyclic postfix is added to the repeated bit sequence thereby forming the training sequence for the user.

No. of Pages: 55 No. of Claims: 32

(21) Application No.5001/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application: 13/12/2011 (43) Publication Date: 20/11/2015

(54) Title of the invention: FILTERING DEVICE

(51) International classification	:B01D 46/30	(71)Name of Applicant:
(31) Priority Document No	:DE 10 2009 025 680.6	1)HALIOTIS ASIA PTE. LTD. Address of Applicant :10 ANSON ROAD, #09-24
(32) Priority Date	:26/06/2009	INTERNATIONAL PLAZA, 079903 SINGAPORE Singapore
(33) Name of priority country	:Germany	2)DR. KARLHEINZ PÄSSLER
(86) International Application No	:PCT/EP2010/004131	(72)Name of Inventor:
Filing Date	:18/06/2010	1)DR. KARLHEINZ PÄSSLER
(87) International Publication No	:WO 2010/145850	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Die Erfindung betrifft eine Filtervorrichtung für insbesondere mehrfach verunreinigte Gase, mit einem schrägen Bett mit einer Schüttung aus Katalysatormaterial, welches Bett an seiner unteren Längsseite eine Rückhaltewand aufweist, wobei im Bereich einer Stirnseite des Betts ein Reingasauslass ausgebildet ist, der das Gas ausgibt, das die Schüttung durchtreten hat, und wobei ein Splgaseinlass ebenfalls im Bereich einer Stirnseite des Betts ausgebildet ist, wobei der Spülgaseinlass (40) und der Reingasauslass (36) an der gleichen Stirnseite (38) ausgebildet sind und wobei unter dem Bett (12) zwischen beiden Stirnseiten verteilt Strömungsbeinflussungsvorrichtungen (50) gelagert sind, die insbesondere Strömungspeaks bei der Durchströmung des Betts (12) durch Spülgas vermeiden oder zumindest reduzieren.



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

(22) Date of filing of Application :16/05/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention : LOAD-BEAR CAPACITY OR COVERING DISTANCE OF ANY CAR WILL BE DOUBLE OR MORE.

(51) International classification	:B21D28/32	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PARIMAL KUMAR KUNDU
(32) Priority Date	:NA	Address of Applicant :VILL: GANGPUR, P.O-PILKHAN,
(33) Name of priority country	:NA	P.S-KHANAKUL VIA ARAMBAGH, DIST-HOOGHLY, WEST
(86) International Application No	:NA	BENGAL,PIN-712613 West Bengal India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)PARIMAL KUMAR KUNDU
(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 device to enhance load bearing capacity or velocity of any vehicle be increased by expenditure of same fuel comparison with the conventional car and which comprises a guide wheel which is placed on the top of the car back wheel carrying the maximum weight of the car or the guide wheel is detached and carrying no weight of the car or the said guide wheel is fitted with the gear shaft as in Fig-3 like drive pinion at a radius equals to the radius of the sprocket or ring gear of the said guide wheel of Fig-2, wherein axle of the car back wheel is connected by supporting stand of hollow pipe, and the axle of the car back wheel and guide wheel can be flexibly connected with the hinge joint of the supporting stand

No. of Pages: 24 No. of Claims: 11

(22) Date of filing of Application :07/11/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: APPEARANCE INSPECTION APPARATUS

(51) International classification	:H02K11/04	(71)Name of Applicant:
(31) Priority Document No	:2013- 233158	1)DAIICHI JITSUGYO VISWILL CO., LTD. Address of Applicant :12-43, HONAMI-CHO, SUITA-SHI,
(32) Priority Date	:11/11/2013	OSAKA 564-0042 JAPAN Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)SHINYA MATSUDA
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract:

An appearance inspection apparatus which is a so-called three-dimensional appearance inspection apparatus using a light-section method and is capable of accurately measure the thickness of an inspection object at high speed is provided. An inspection apparatus includes a linear conveyance unit 10 conveying an inspection object K, and an inspection unit measuring the thickness of the inspection object K and sorting the inspection object K based on the measurement result. The inspection unit includes a slit beam emitter 23 irradiating a slit beam, an area sensor camera 22 capturing an image of the slit beam, first and second optical mechanisms 30 and 35 receiving reflected beams of the slit beam irradiated onto the inspection object K surface and a conveyance surface from the downstream side in the conveyance direction and guiding them to the area sensor camera 22, third and fourth optical mechanisms 40 and 45 receiving reflected beams of the slit beam from the upstream side and guiding them to the area sensor camera 22, and an inspection unit measuring the thickness of the inspection object K based on the image captured by the area sensor camera 22 to judge whether the thickness is within an appropriate range.

No. of Pages: 36 No. of Claims: 4

(21) Application No.2498/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: DIVIDED STATOR CASING

(51) International classification	:F04C2/107	(71)Name of Applicant:
(31) Priority Document No	:DE 10 2012 008 761.6	1)NETZSCH PUMPEN UND SYSTEME GMBH Address of Applicant :Gebrüder Netzsch Straße 19 95100 Selb
(32) Priority Date	:05/05/2012	Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:PCT/DE2013/100163	1)KAMAL Hisham
Filing Date	:02/05/2013	2)BINDIG Christian
(87) International Publication No	:WO 2013/167120	3)VOIT Stefan
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a stator (10) for eccentric screw pumps (2) comprising a stator casing (16) for an elastomeric body (20) for receiving a rotor which elastomeric body is provided with at least one flange (18) wherein the flange (18) is arranged in a recess between the stator casing (16) and a connecting body (4 6) wherein the fixing of the elastomeric body (29) in the stator casing should be improved. According to the invention the stator casing (16) has cavities (50) recesses and/or raised areas at least on one face which are open toward the front.

No. of Pages: 22 No. of Claims: 12

(21) Application No.2499/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: METHOD OF DETECTING A PROPELLANT GAS

(51) International classification	:G01N21/35,G01M3/38	(71)Name of Applicant:
(31) Priority Document No	:NA	1)WILCO AG
(32) Priority Date	:NA	Address of Applicant :Rigackerstrasse 11 CH 5610 Wohlen
(33) Name of priority country	:NA	Switzerland
(86) International Application No	:PCT/EP2012/058041	(72)Name of Inventor:
Filing Date	:02/05/2012	1)EMMENEGGER Lukas
(87) International Publication No	:WO 2012/107597	2)JAGERSKA Jana
(61) Patent of Addition to Application	:NA	3)TUZON Béla
Number	:NA	
Filing Date	.TVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a method and a system for detecting the presence of propellant gas in a gaseous sample exploiting laser light especially in the $3.30\ 3.5\ \mu m$ range. The propellant can be propane n butane i butane dimethyl ether methyl ether HFA 134a HFA 227 or any other propellant exhibiting absorption in the requisite wavelength range. The presence of said propellant is detected by comparing the amplitude of test light pulses with the amplitude of reference light pulses. The invention further relates to an application of this method in leak testing of propellant containing containers such as aerosols or fuel canisters permitting high speed high accuracy leak detection capable of replacing existing testing methods.

No. of Pages: 91 No. of Claims: 66

(22) Date of filing of Application :03/11/2014 (43) Publication Date: 20/11/2015

(54) Title of the invention: ALUMINIUM COMPOSITE MATERIAL FOR FLUX FREE SOLDERING

(51) International

:B32B15/01,C22C21/00,C22C21/02

classification

(31) Priority Document No :12166843.8 (32) Priority Date :04/05/2012

(33) Name of priority country: EPO (86) International Application :PCT/EP2013/059290

Filing Date

:03/05/2013

:NA

(87) International Publication :WO 2013/164466

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date

(62) Divisional to Application :NA Number

Filing Date

(71)Name of Applicant:

1)HYDRO ALUMINIUM ROLLED PRODUCTS GMBH

Address of Applicant : Aluminium straße 1 41515

Grevenbroich Germany

(72) Name of Inventor:

1)ECKHARD Kathrin 2)SCHWARZ Jochen

3)GGEN Olaf

4)SICKING Raimund

5)JANSSEN Hartmut

(57) Abstract:

The invention relates to the use of an aluminium composite material consisting of at least one aluminium core alloy and at least one external solder layer consisting of an aluminium solder alloy provided on one or both sides of the aluminium core alloy. Starting from this prior art the present invention addresses the problem of proposing a thermal joining method for an aluminium composite material such that the use of fluxes can be omitted. The problem is solved in that the aluminium solder layer of the aluminium composite material has a pickled surface and the aluminium composite material is used in a flux free thermal joining method and the joining method is performed in the presence of a protective gas.

No. of Pages: 33 No. of Claims: 15

(21) Application No.540/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :15/05/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention : A DEVICE FOR CHECKING CHAMFER AT EXIT EDGE ROOT OF FREESTANDING FIR-TREE BLADES OF LOW PRESSURE STEAM TURBINE

(51) International classification	:F01D	(71)Name of Applicant:
(51) International classification	5/00	1)BHARAT HEAVY ELECTRICALS LIMITED
(31) Priority Document No	:NA	Address of Applicant :REGIONAL OPERATIONS
(32) Priority Date	:NA	DIVISION(ROD), PLOT NO:9/1, DJ BLOCK 3RD FLOOR,
(33) Name of priority country	:NA	KARUNAMOYEE,SALTLAKE CITY, KOLKATA-700091,
(86) International Application No	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
Filing Date	:NA	FORT, NEW DELHI - 110049, INDIA. West Bengal India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)SANJIV KUMAR
Filing Date	:NA	2)VIJAY KUMAR CHUGH
(62) Divisional to Application Number	:NA	3)SANDIP CHAKRABORTY
Filing Date	:NA	4)ANKUR MEGHANI

(57) Abstract:

A device for checking chamfer at exit edge root of freestanding fir-tree blades of low pressure steam turbine comprising a root holder (1) having threaded holes H1 and H2. A stopper plate (3) is fixed on this root holder by threaded screws (4) at H1 and H3. A tightening screw (2) is inserted in the threaded hole H1 of root holder and rotated to lift the blade from bottom and thus ensuring proper tightening of blade inside not holder. The support plate (3) is fastened to the root holder (1) according to hand, left or right based on steam flow direction on blade profile. Filler of known dimension as per required chamfer is inserted in the gaps between the gauge surfaces and upper bearing flanks at exit edges of the blade. The filler of certain dimension is inserted into the gaps between the gauge surfaces and upper bearing flanks at exit edges of the blade to check if it goes exactly into the gap and until it does, the chamfer is continued to be rectified.

No. of Pages: 15 No. of Claims: 2

(22) Date of filing of Application :16/05/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: A SYSTEM BY WHICH NATURAL BRISTLES CAN BE EXPOSED IN HERB TWIGS FOR USES AS ORAL HYGIENE/CARE AID WITHOUT DISTURBING ITS NATURAL CONTENT

(51) International classification	· 1/16B0/06	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SANJEEV KUMAR SINGH
(32) Priority Date	:NA	Address of Applicant :LIG -R-325,HARMU HOUSING
(33) Name of priority country	:NA	BORAD COLONY, HARMU-RANCHI-JHARKHAND-
(86) International Application No	:NA	834002,INDIA West Bengal India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SANJEEV KUMAR SINGH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This invention consists of mechanism to peel off the bark of a portion of a twig and prepare the fibrous core of a position of a twig and prepare the fibre to take a Bristle like appearance. The purpose of this invention is to present natural neem, babul, sakua, karanz, meshwak or bamboo twigs in a user friendly manner and ready to use as a tooth cleaning cum mouth wash oral care hygiene product to assist in the deployment of traditional natural products which genre has been a traditional method of oral cleanliness. This invention is intended to revive this tradition which has hitherto been neglected to oblivion by the advent of plastic tooth brush and tooth paste of artificial ingredients, as produced by multi national entities. This invention gives the user the attractive option of adaptability for ready to use without having to waste time to ruminate upon the twig to expose the fiber for usage as brushing bristles to clean teeth. This raison detre on justification for this invention. This invention encourages the eco-friendly practical and sustainable application of a traditional method by eliminating the need to ruminate which was a deterrent to popular revival of the method. The requisite of rumination discouraged the user of many age groups from a physically exhausting pre requisite which was the implement that has been sought to be eliminated by this invention.

No. of Pages: 28 No. of Claims: 8

(21) Application No.2509/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/11/2014

(43) Publication Date: 20/11/2015

(54) Title of the invention: FLUID DISPENSER

(51) International classification (31) Priority Document No :1206742.7 (32) Priority Date :17/04/2012 :U.K.

(33) Name of priority country

(86) International Application No :PCT/GB2013/050975 Filing Date :17/04/2013 :WO 2013/156774

(87) International Publication No (61) Patent of Addition to Application

:NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

:B65D47/26,B65D47/32 (71)Name of Applicant :

1)MILLERS OILS LIMITED

Address of Applicant : Hillside OII Works Rastrick Common

Brighouse Yorkshire HD6 3DP U.K.

(72) Name of Inventor:

1)HALL Nevil Peter

(57) Abstract:

A container (100) comprising: a fluid reservoir (10); a first flow path for dispensing fluid; a second flow path for permitting the entry of air into the container so that air can communicate with the fluid in the container; wherein the first flow path and the second flow path are spatially separate; and a flow control assembly (20) comprising a control means (50); wherein the control means is moveable between a first position in which the first flow path and the second flow path are closed and a second position in which the first flow path and the second flow path are open.

No. of Pages: 43 No. of Claims: 45

(22) Date of filing of Application :03/11/2014

(43) Publication Date: 20/11/2015

(54) Title of the invention : APPARATUS AND METHOD FOR ALLOCATING RESOURCE AND TRANSMITTING/RECEVING RESOURCE ALLOCATION INFORMATION IN COMMUNICATION SYSTEM SUPPORTING DEVICE TO DEVICE SCHEME

 (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 	:H04L :1253/KOL/2013 :01/11/2013 :India :NA :NA : NA :NA :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 Republic of Korea (72)Name of Inventor: 1)ANIL AGIWAL 2)YOUNG-BIN CHANG
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method for being allocated a discovery resource by a user equipment (UE) in a communication system supporting a device to device (D2D) scheme is provided. The method includes determining whether a discovery resource request message may be transmitted to a network entity; transmitting the discovery resource request message to the network entity based on the determining result; and receiving a discovery resource response message as a response message to the discovery resource request message from the network entity.

No. of Pages: 134 No. of Claims: 26

(22) Date of filing of Application :07/11/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: METHOD AND APPARATUS FOR AN INTUITIVE CUSTOMER EXPERIENCE

 (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 	:G06Q10/00 :61/636,275 :20/04/2012 :U.S.A. :PCT/US2013/037111 :18/04/2013 :WO 2013/158840 :NA :NA	(71)Name of Applicant: 1)24/7 CUSTOMER, INC. Address of Applicant:910 E. Hamilton Ave. Ste 240, Campbell, CA 95008-0610 UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)KANNAN, Pallipuram, V. 2)VIJAYARAGHAVAN, Ravi
•	:NA :NA	

(57) Abstract:

Improvement of customer experiences during online commerce is accomplished by providing unique experiences to customers as a result of anticipating customer needs, simplifying customer engagement based on predicted customer intent, and updating system knowledge about customers with information gathered from new customer interactions. In this way, the customer experience is improved.

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

(22) Date of filing of Application :07/11/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: RADIAL FREE TRAVEL VIBRATION DAMPER AND HOUSEHOLD APPLIANCE WITH A DAMPENING SYSTEM COMPRISING SAID RADIAL DAMPER

 (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 	:P201230775 :23/05/2012 :Spain	(71)Name of Applicant: 1)BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH Address of Applicant: Carl Wery Str. 34 81739 München Germany (72)Name of Inventor: 1)GRACIA BOBED Ismael 2)LATRE ABADIA Roberto 3)MARTINEZ PEREZ Gerardo 4)RECIO FERRER Eduardo
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(57) Abstract:

The invention relates to a radial vibration damper comprising a cylindrical outer bushing 2 a rota table inner bushing 4 housed in the outer bushing 2 inner bushing 4 comprising an axial inner passage 4b in which internal friction means 5 are provided that exert frictional force at least on the inner bushing 4. The rotation between the inner bushing 4 and the outer bushing 2 is limited by a rotation delimiting system 2b 4c 7 8 comprising at least one axial channel 7 located between the inner bushing 4 and the outer bushing 2 and at least one rotation delimiting element 2b 4c 6 moveable within the corresponding channel 7 in such a manner that when the outer bushing 2 and the inner bushing 4 rotate with respect to one another each protruding element 2b 4c has free travel in the axial channel 7 limited by said stop surfaces 8.

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

(22) Date of filing of Application :08/11/2014

(43) Publication Date: 20/11/2015

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSCEIVING DATA USING PLURALITY OF CARRIERS IN MOBILE COMMUNICATION SYSTEM

 (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 	:61/644645 :09/05/2012 :U.S.A. :PCT/KR2013/004113 :09/05/2013 :WO 2013/169048 :NA :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)KIM Soeng Hun 2)VAN LIESHOUT Gert Jan 3)JANG Jae Hyuk 4)CHOI Jong Soo
Filing Date	:NA	

(57) Abstract:

The present specification relates to a communication method and apparatus. The communication method for a base station (P ENB) that controls a primary cell (PCell) of user equipment (UE) according to one embodiment of the present specification comprises the steps of: receiving a packet from a serving gateway through a non primary (NP) evolved packet system (EPS) bearer for a serving cell of a non P ENB base station (NP ENB); generating a first radio link control packet data unit (RLC PDU) using the received packet; and transmitting the generated first RLC PDU to the NP ENB.

No. of Pages: 102 No. of Claims: 8

(12) TATENT ALTEICATION TODEICATION

(22) Date of filing of Application :10/11/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: AIR CONDITIONER

 (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 	:04/04/2013 :WO 2013/157405 :NA :NA	(71)Name of Applicant: 1)DAIKIN INDUSTRIES LTD. Address of Applicant: Umeda Center Building 4 12 Nakazaki Nishi 2 Chome Kita Ku Osaka Shi Osaka 5308323 Japan (72)Name of Inventor: 1)HAIKAWA Tomoyuki
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.2532/KOLNP/2014 A

(57) Abstract:

(19) INDIA

When a dehumidifying operation is carried out the coefficient of performance (COP) deteriorates. An air conditioner according to the present invention comprises an indoor heat exchanger which has an auxiliary heat exchanger (20) and a main heat exchanger (21) disposed on the downstream side of the auxiliary heat exchanger (20). While operating in a predetermined dehumidifying operation mode all of the liquid refrigerant supplied to the auxiliary heat exchanger (20) evaporates partway through the auxiliary heat exchanger (20). As a result only a portion of the upstream side of the auxiliary heat exchanger (20) is an evaporation region and the area on the downstream side of the evaporation region for the auxiliary heat exchanger (20) is a superheating region. If the load is high when the dehumidifying operation is selected and operation begins the air conditioner starts the cooling operation and then switches to the dehumidifying operation in accordance with a decrease in the load.

No. of Pages: 31 No. of Claims: 4

(21) Application No.2510/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/11/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: METHOD AND SYSTEM FOR PREFETCHING DATA

 (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 	:H04L29/06 :20125500 :09/05/2012 :Finland :PCT/EP2013/059387 :06/05/2013 :WO 2013/167532 :NA :NA	(71)Name of Applicant: 1)AALTO KORKEAKOULUSÄÄTIÖ Address of Applicant: Otakaari 1 FIN 02150 Espoo Finland (72)Name of Inventor: 1)MANNER Jukka 2)WANG Le
11		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A server (120) is configured to: a)in response to receiving a request (M201) for content (C) from a terminal (10) to respond (P201) to the terminal (10) with a response (M203) containing instructions configured to set up a bi directional communication channel (WS) at the terminal (10) for communication between the server (120) and the terminal (10); b)to load (M205 M207) the content comprising at least one referencing object (A) and a plurality of referenced objects (B1 B2 B3 ...) belonging to said content (C); c) to generate a modified referencing object (AM) by replacing in the referencing object (A) such links (L1 L2 L3 ...) to referenced objects (B1 B2 B3 ...) that are external links with modified links (ML1 ML2 ML3 ...) that point to a locally stored version of the same object (B1 B2 B3 ...); d)to send the referenced objects (B1 B2 B3 ...) to the terminal (10) over the bi directional communication channel (WS); and to send the modified referencing object (AM) to the terminal (10) in such a manner that the modified links (ML1 ML2 ML3) in the modified referencing object (AM) point to referenced objects (B1 B2 B3) already sent to the terminal (10). The patent application comprises also parallel independent claims for a method and a system.

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

(22) Date of filing of Application :07/11/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention : METHOD FOR PREPARING LOW DOSAGE ENTECAVIR FORMULATION FOR ORAL ADMINISTRATION

(51) International :A61K31/52,A61K31/513,A61K9/20

classification (31) Priority Document No :1020120040433

(32) Priority Date :18/04/2012 (33) Name of priority

country :Republic of Korea

(86) International Application No :PCT/KR2013/002571

Filing Date :28/03/2013

(87) International Publication No :WO 2013/157754

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to
Application Number
:NA
:NA
:NA
:NA

(71)Name of Applicant:

1)JE IL PHARMACEUTICAL CO. LTD.

Address of Applicant :745 5 Banpo dong Seocho gu Seoul 137

810 Republic of Korea (72)Name of Inventor: 1)CHOI Min Soo

2)KIM Seung Ju

(57) Abstract:

Filing Date

The present invention provides a method for preparing an entecavir formulation for oral administration comprising the steps of: (A) micronizing entecavir into a particle size of 1 60 μ m; (B) mixing the micronized entecavir and a pharmaceutical additive to form a pharmaceutical composition; and (C) compression molding the pharmaceutical composition by direct compression or dry granulation compression. It is possible to prepare a low dosage entecavir formulation for oral administration with excellent content uniformity and hepatitis B treatment effects through a simple process by the preparation method of the present invention.

No. of Pages: 31 No. of Claims: 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.798/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :18/07/2012 (43) Publication Date : 20/11/2015

(54) Title of the invention: PREVENTION OF QUESTION PAPER LEAK THROUGH A SOFTWARE BASED SOLUTION

(51) International classification		(71)Name of Applicant:
(51) International elassification	21/00	1)BIBHUTI BHUSAN SWAIN
(31) Priority Document No	:NA	Address of Applicant :FLAT No-22 N3/166 IRC VILLAGE
(32) Priority Date	:NA	NAYAPALLI BHUBANESWAR ORISSA Orissa India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)BIBHUTI BHUSAN SWAIN
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 11		

(57) Abstract:

To stop the question paper leaking I have proposed this software based solution. In our solution we have eliminated those loopholes and old processes so that question paper leak will be the matter of past. In this system all the possible questions will be fed and the system will decide the final list of questions for that paper without any ones knowledge. Then questions will be saved as an encrypted file. The file will be sent to the examination centers where it will be decrypted and printed just few hours before the examination time in presence of tight security. The persons involved in printing of question papers will not be allowed to have any communication electronics devices and will not be allowed to go out of the printing room before the examination get over.

No. of Pages: 11 No. of Claims: 6

(21) Application No.2489/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :04/11/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: ADDITIVES FOR ZINC BROMINE MEMBRANELESS FLOW CELLS

 (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 	:H01M12/08 :61/645289 :10/05/2012 :U.S.A. :PCT/IL2013/000049 :09/05/2013 :WO 2013/168145 :NA :NA :NA	 (71)Name of Applicant: 1)BROMINE COMPOUNDS LTD. Address of Applicant: P.O. Box 180 84101 Beer Sheva Israel (72)Name of Inventor: 1)MAGNES Ben Zion 2)BEN DAVID Iris 3)LANCRY Eli 4)BERGSTEIN FREIBERG Mira
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(57) Abstract:

The invention relates to the use of nitrogen containing compounds belonging to the classes of N alkyl pyridinium halide N alkyl 2 alkyl pyridinium halide and 1 alkyl 3 alkyl imidazolium halide as additives in electrolyte solutions for zinc bromine membraneless flow cells. The invention also provides electrolyte solutions comprising such additives and processes for operating said cells.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2490/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :04/11/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention : SHARED CELL RECEIVER FOR UPLINK CAPACITY IMPROVEMENT IN WIRELESS COMMUNICATION NETWORKS

(51) International :H04W72/04,H04W72/08,H04W88/08

classification .1104 W 72/04,1104 W 72/08,1104 W 88/

(31) Priority Document No :13/473956 (32) Priority Date :17/05/2012

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

(86) International :PCT/IB2013/053332

Application No
Filing Date

FC1/1B201
:26/04/2013

(87) International Publication No :WO 2013/171604

(61) Patent of Addition to Application Number Filing Date :NA

(62) Divisional to
Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:

1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)

Address of Applicant: S 164 83 Stockholm Sweden

(72)Name of Inventor:1)LIGHTSTONE Leonard2)BOUDREAU Gary David

3)MAH Edward

(57) Abstract:

A wireless communication method and system are provided in which an uplink data stream that has uplink data associated with a user device is received. Channel performance data based at least in part on a portion of the uplink data stream is determined. A determination is made whether the channel performance data meets a predetermined performance level. The portion of the uplink data stream is discarded when the channel performance data does not meet the predetermined performance level. The portion of the uplink data stream is tagged for additional processing when the channel performance data meets the predetermined performance level.

No. of Pages: 39 No. of Claims: 18

(22) Date of filing of Application :04/11/2014 (43) Publication Date: 20/11/2015

(54) Title of the invention: METHOD AND APPARATUS FOR DRY FILTERING PROCESS GAS

(51) International :B01D46/24,B01D46/48,B01D46/00 classification

(31) Priority Document No :2012/02498 (32) Priority Date :05/04/2012 (33) Name of priority country: South Africa

(86) International

:PCT/IB2013/052740 Application No :05/04/2013

Filing Date

(87) International Publication :WO 2013/150498

(61) Patent of Addition to

:NA **Application Number** :NA Filing Date

(62) Divisional to **Application Number** :NA Filing Date

:NA

(71)Name of Applicant:

1)TENOVA PYROMET (PROPRIETARY) LIMITED Address of Applicant: 10 Sherborne Road Parktown 2193

Johannesburg South Africa (72) Name of Inventor:

1)JONKER Petrus Johannes

(57) Abstract:

The invention concerns a system (10 100) for the cooling down and dry filtering of process gas produced in a ferroalloy smelting process. The system (10 100) includes an apparatus (20) for the dry filtering of process gas which includes a filtering chamber (22) in which a filtering element (24) is located. Process gas is fed into the filtering chamber through an inlet in a supply line (26) and directed to the filtering element (24). Filtered process gas is discharged through a discharge line (28) after having been filtered through the filtering element (24). The apparatus (20) further includes a cleaning gas inlet (32) for feeding a cleaning gas into the filtering chamber (22) for dislodging solids caught in the filtering element (24). The dislodged solids are collected in a discharge chamber (34) positioned below the filtering chamber (22) before being conveyed to a collection hopper (38) located below the discharge chamber (34). An equalisation conduit (46) running between the filtering chamber (22) and the collection hopper (38) is used to control the pressure difference between the filtering chamber (22) and collection hopper (38) in order to controlling the discharging of the solids.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2525/KOLNP/2009 A

(19) INDIA

(22) Date of filing of Application :09/07/2009 (43) Publication Date : 20/11/2015

(54) Title of the invention: SELF DESTRUCTION IMPACT FUSE

 (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 	:F42C9/18; F42C15/188; F42C15/20 :200609106-0 :28/12/2006 :Singapore :PCT/SG2007/000435 :19/12/2007 :WO 2008/082365	(71)Name of Applicant: 1)ADVANCED MATERIAL ENGINEERING PTE LTD Address of Applicant: 249 JALAN BOON LAY, SINGAPORE 619523 (SG) Singapore (72)Name of Inventor: 1)AW, CHENG HOK 2)QUEK, JUAN KIAT 3)SIE, SOO CHEW
Filing Date	:19/12/2007 :WO 2008/082365 :NA	-/ €,
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

The present invention provides a self destruction impact fuse for fail-proof detonating a projectile, preferably a low velocity projectile. The present invention further provides a projectile that can be detonated reliably even at low velocity.

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

(22) Date of filing of Application :05/11/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention : SELF-CLIMBING SCAFFOLD SYSTEM IN CONSTRUCTION WORKS OF BUILDINGS AND SELF-CLIMBING METHOD

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:E04G3/28 :EP13382457 :12/11/2013 :EPO	(71)Name of Applicant: 1)ULMA CYE, S. COOP. Address of Applicant: PASEO OTADUI, 3 20560 - OÑATI SPAIN Spain
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)URZELAI EZKIBEL LIBORIO
(87) International Publication No	: NA	2)EGAÑA URRUTIA ANDER
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Self-climbing scaffold system comprising rails (3), shoes (10,11,12) fixed to concrete sections (13,14,15) of the building and adapted for guiding the rail (3) in a climbing direction (Z). The system further comprises a guide element (30) pivotably coupled to the rail (3) comprising at least a first guide surface (31,32) which, in a prior position before a threading position for threading the rail (3), projects with respect to the rail (3) towards the corresponding concrete section (13,14,15), said first guide surface (31,32) being adapted for contacting with the shoe (10) in said prior position and straightening the rail (3) with respect to the shoe (10) as said first guide surface (31,32) moves in a guided manner in the shoe (10) pivoting with respect to the rail (3).

No. of Pages: 25 No. of Claims: 17

(22) Date of filing of Application :03/11/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: METHOD AND DEVICE FOR ALIGNMENT OF AN OPTICAL IMAGING SYSTEM

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:10 2013 018 547.5 :05/11/2013 :Germany	Address of Applicant :AM WOLFSMANTEL 5 91058 ERLANGEN GERMANY Germany (72)Name of Inventor :
(32) Priority Date		**
(86) International Application No	:NA	1)SCHMID, STEFAN
Filing Date	:NA	
(87) 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 optical imaging system (12) is to be aligned with its optical axis (16) in relation to a given alignment axis (14). For this, a radiation beam (30) is emitted from one side of the imaging system (12) along the alignment axis (14). In the direction of beam propagation, there is located behind the imaging system (12) a pair of diaphragm elements (24, 26), whose apertures are each covered by a piece of material transparent to the radiation, carrying a plurality of sensor elements arranged in a matrix. The sensor elements furnish information about the measured radiation intensity to a signal processing unit (42), which can graphically illustrate the current alignment status of the imaging system (12) on a monitor (44) and/or produce an automatic adjustment of the imaging system (12).

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

(22) Date of filing of Application :07/11/2014 (43) Publication Date : 20/11/2015

(54) Title of the invention: MOTION COMPENSATION WITH MOVING WINDOW

 (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 	:14/089,902 :26/11/2013 :U.S.A. :NA :NA : NA : NA	(71)Name of Applicant: 1)VIXS SYSTEMS, INC. Address of Applicant: 1210 SHEPPARD AVENUE EAST, SUITE 800, TORONTO, ONTARIO M2K 1E3 CANADA Canada (72)Name of Inventor: 1)XIN (CINDY) GUO 2)XINGHAI (BILLY) LI
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

A video encoder employs a relatively small sized cache for motion compensation. A motion search module selects an initial subset of the full reference picture and has it transferred to the cache. For a first set of blocks of a current picture, the motion search module calculates a set of motion vectors using the reference picture subset stored at the cache. Based on the set of motion vectors, the motion search module identifies an offset that indicates a predicted direction of motion. Based on the offset, the motion search module identifies another subset of the reference picture and transfers the identified subset to the cache for calculation of the next set of motion vectors.

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(54) Title of the invention: DIGITAL CARD FIXING APPARATUS

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(33) Name of priority country: China

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(57) Abstract:

Disclosed is a digital card fixing apparatus comprising: a tray and a card seat. The tray comprises: a first groove used to receive a first digital card; a second groove disposed orthogonal and perpendicular to the first groove and used to receive a second digital card. The first groove and the second groove have partially overlapped hollowed parts. The card seat comprises: a first elastic piece and a second elastic piece. When the tray is inserted in the card seat the first elastic piece and the second elastic piece are exposed from the hollowed parts. When the first digital card is received in the first groove the first elastic piece contacts metal contacts of the first digital card; when the second digital card is received in the second groove the second elastic piece contacts metal contacts of the second digital card. The embodiment of the present invention implements a digital card fixing apparatus that can be compatible with both a SIM card and an SD card so as to flexibly meet different card using demands of a user by using one digital card fixing apparatus without increasing a layout space.

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

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(19) INDIA

(22) Date of filing of Application :25/11/2011 (43) Publication Date : 20/11/2015

(54) Title of the invention: CUSTOMIZABLE THERAPEUTIC COMPRESSION GARMENT AND METHOD

 (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 	:A61F 13/00 :61/185,129 :08/06/2009 :U.S.A. :PCT/US2010/037828 :08/06/2010 :WO 2010/144492 :NA :NA	(71)Name of Applicant: 1)FARROW MEDICAL INNOVATIONS INC. Address of Applicant:801 North Bryan Avenue, Bryan TX 77803, USA, (72)Name of Inventor: 1)CREIGHTON, Barry, L. 2)FARROW, Wade, P.
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(57) Abstract:

Provided is a therapeutic compression apparatus that includes a compression material. In one example, the apparatus includes a large surface area of a single sheet of compression material. The apparatus may include indicia that allow it to be trimmed to fit a patient.

No. of Pages: 82 No. of Claims: 30

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Seri al Nu mbe r	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)	Appropr iate Office
1	269861	1546/DEL/2004	19/08/2004	12/09/2002	MASTER CYLINDER	CARLISLE BRAKE PRODUCTS(U.K.)LTD.	31/07/2009	DELHI
2	269876	9081/DELNP/2008	10/05/2007	10/05/2006	A SYSTEM FOR DETECTING A PLURALITY OF ANALYTES	THERANOS, INC.	22/05/2009	DELHI
3	269879	1505/DELNP/2008	13/04/2001	13/04/2001	A SUBSTITUTED STYRYL BENZYLSULFONE COMPOUND	TEMPLE UNIVERSITY OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION	20/06/2008	DELHI
4	269880	5595/DELNP/2007	23/12/2004	23/12/2004	THERMO-NEUTRAL REFORMING OF PETROLEUM-BASED LIQUID HYDROCARBONS	SAUDI ARABIAN OIL COMPANY	17/08/2007	DELHI
5	269881	9171/DELNP/2008	27/05/2002	01/06/2001	INHALATION CAPSULES	BOEHRINGER INGELHEIM PHARMA GMBH & CO.KG	27/03/2009	DELHI
6	269882	5344/DELNP/2008	18/12/2006	22/12/2005	THICK FILM SEMICONDUCTING INKS	UNIVERSITY OF CAPE TOWN	24/10/2008	DELHI
7	269883	9536/DELNP/2008	25/06/2007	27/06/2006	ETHYLENE-ALPHA OLEFIN COPOLYMERS AND POLYMERIZATION PROCESSES FOR MAKING THE SAME	UNIVATION TECHNOLOGIES, LLC	20/03/2009	DELHI
8	269887	6844/DELNP/2008	23/02/2007	23/02/2006	IMPROVED CEPHALOSPORIN PRODUCTION	DSM SINOCHEM PHARMACEUTICALS NETHERLANDS B.V.	24/10/2008	DELHI
9	269889	1114/DELNP/2009	09/02/2007	01/09/2006	INSECTICIDAL N- SUBSTITUTED (HETEROARYL) CYCLOAKYL SULFOXIMINES	DOW AGROSCIENCES LLC	22/05/2009	DELHI
10	269891	1847/DEL/2008	04/08/2008 16:58:09	29/08/2007	VOICEMAIL SYSTEM FOR A HANDHELD DEVICE	RESEARCH IN MOTION LIMITED	03/04/2009	DELHI
11	269892	1653/DELNP/2009	30/12/2002	28/12/2001	A GENETICALLY MODIFIED BORDETELLA STRAIN	MUKKUR TRILOCHAN KANWALJIT SINGH	15/05/2009	DELHI
12	269896	6386/DELNP/2008	29/12/2006	30/12/2005	COMPOSITION COMPRISING PARASITE EGGS AND METHODS FOR ISOLATION AND STORAGE OF PARASITE EGGS	PARASITE TECHNOLOGIES A/S	24/10/2008	DELHI

13	269900	6089/DELNP/2010	02/04/2009	04/04/2008	BATCH PROCESS AND SYSTEM FOR THE PRODUCTION OF OLEFINS	LUMMUS TECHNOLOGY INC.	25/11/2011	DELHI
14	269901	4071/DELNP/2006	24/02/2005	11/03/2004	A METHOD OF PACKET SWITCHED HANDOVER IN A MOBILE COMMUNICATION SYSTEM	Nokia SIEMENS NETWORKS GMBH & CO. KG.	22/06/2007	DELHI
15	269902	1917/DEL/2008	12/08/2008 16:00:59	14/08/2007	SYSTEM AND METHOD FOR USING A MEMORY MAPPING FUNCTION TO MAP MEMORY DEFECTS	DELL PRODUCTS L.P.	03/04/2009	DELHI
16	269905	10046/DELNP/2007	22/06/2006	23/06/2005	COMPOSITION AND METHOD FOR IMPROVED ALUMINUM HYDROXIDE PRODUCTION	NALCO COMPANY	20/06/2008	DELHI
17	269906	8041/DELNP/2007	29/06/2006	19/10/2005	METHODS AND COMPOSITONS FOR GENERATING BIOACTIVE ASSEMBLIES OF INCREASED COMPLEXITY AND USES	IBC PHARMACEUTICALS,INC.	09/11/2007	DELHI
18	269907	807/DEL/2007	12/04/2007 14:57:13		A PROCESS FOR THE PREPARATION OF PROTEIN BASED FATLESS FAT SUBSTITUTE	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	09/01/2009	DELHI
19	269914	7189/DELNP/2010	09/04/2009	09/04/2008	PROCESS	MEXICHEM AMANCO HOLDING S.A. DE C.V.	17/02/2012	DELHI
20	269917	4230/DELNP/2009	21/01/2008	21/01/2007	MEDICAL PRODUCT FOR TREATING STENOSIS OF BODY PASSAGES AND FOR PREVENTING THREATENING RESTENOSIS	HEMOTEQ AG	09/04/2010	DELHI
21	269918	4452/DELNP/2011	21/01/2010	30/01/2009	METHOD FOR PRODUCING SILICA-SUPPORTED CATALYST, AND METHOD FOR PRODUCING UNSATURATED CARBOXYLIC ACID OR UNSATURATED NITRILE	ASAHI KASEI CHEMICALS CORPORATION	20/04/2012	DELHI
22	269921	1119/DEL/2008	02/05/2008 16:21:13		A NOVEL PROCESS FOR THE PREPARATION OF HYDRATION RESISTANT TIME.	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	23/04/2010	DELHI
23	269922	1058/DEL/2008	24/04/2008 15:45:29	26/04/2007	COMBUSTOR	MITSUBISHI HITACHI POWER SYSTEMS, LTD.	19/12/2008	DELHI
24	269925	5502/DELNP/2008	11/01/2007	11/01/2006	A METHOD AND FREQUENCY DIVIDER FOR MULTI MODE MOBILE COMMUNICATION DEVICES	QUALCOMM INCORPORATED	24/10/2008	DELHI

25	269926	5521/DELNP/2008	04/01/2007	04/01/2006	FAST CHANNEL SWITCHING IN A MULTIMEDIA BROADCAST SYSTEM	QUALCOMM INCORPORATED	26/09/2008	DELHI
26	269930	1276/DEL/2004	09/07/2004	07/08/2003	DYNAMIC PHOTO CALLER IDENTIFICATION	MICROSOFT TECHNOLOGY LICENSING, LLC	30/06/2006	DELHI
27	269931	8634/DELNP/2008	18/04/2007	28/04/2006	PROCESS FOR THE PREPARATION OF POLYESTERS CONTAINING 1,4- CYCLOHEXANEDIMETHAN OL•	EASTMAN CHEMICAL COMPANY,	29/05/2009	DELHI
28	269933	1934/DELNP/2010	01/10/2008	02/10/2007	COSMETIC OR PHARMACEUTICAL COMPOSITION FOR TOPICAL APPLICATION	KUHS GMBH	20/08/2010	DELHI
29	269936	1804/DEL/2008	30/07/2008 13:06:52		AN IMPROVED GREEN PROCESS FOR THE PREPARATION OF 14- HYDROXYCODEINONE FROM THEBAINE	COUNCIL OF SCIENTEFIC AND INDUSTRIAL RESEARCH	23/04/2010	DELHI
30	269940	6/DEL/2007	02/01/2007 14:36:33		NOVEL DISTRIBUTOR TRAY FOR TRICKLE BED REACTOR	ENGINEERS INDIA LIMITED	01/08/2008	DELHI
31	269942	4822/DELNP/2009	08/02/2008	12/02/2007	PROCESSES AND APPARATUS FOR MAKING DETERGENT RANGE ALKYLBENZENES USING TRANSALKYLATION	UOP LLC	26/02/2010	DELHI
32	269945	148/DELNP/2009	16/04/2007	29/06/2006	METHODS FOR MANUFACTURING A CALCINED GYPSUM AND A GYPSUM BOARD	YOSHINO GYPSUM CO. LTD.	31/07/2009	DELHI
33	269946	2949/DELNP/2007	24/09/2005	25/09/2004	A HOLLOW PRESTRESSED CONCRETE GIRDER AND A METHOD OF CONSTRUCTING A SPLICED HOLLOW PRESTRESSED CONCRETE GIRDER BRIDGE	HAN,MAN-YOP	24/08/2007	DELHI
34	269954	4117/DELNP/2008	03/11/2006	03/11/2006	LOW SWAGE LOAD FASTENING SYSTEM	HUCK INTERNATIONAL, INC.	01/08/2008	DELHI
35	269956	242/DELNP/2008	26/07/2006	29/07/2005	AN AIR OPERATED RECIPROCATING PUMP	GRACO MINNESOTA INC.	25/07/2008	DELHI
36	269957	594/DELNP/2007	15/08/2005	16/08/2004	FREE STANDING BALLET BAR EXERCISE DEVICE.	FLUIDITY ENTERPRISES, INC	17/08/2007	DELHI
37	269959	1607/DEL/2005	21/06/2005	15/09/2004	SYSTEM AND METHODS FOR AUTOMATED EQUATION BUILDUP	MICROSOFT TECHNOLOGY LICENSING, LLC	17/08/2007	DELHI

Seri al Num ber	Patent Numbe r	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropria te Office
1	269859	1893/MUM/2007	27/09/2007		A DIAGNOSTIC METHOD FOR DETERMINING DEFORMATIONS IN A TRANSFORMER WINDING	INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY	05/06/2009	MUMBAI
2	269862	1321/MUMNP/20 07	27/02/2006	14/03/2005	ELECTRIC TURBO COMPOUND CONFIGURATION FOR AN ENGINE/ELECTRIC GENERATOR SYSTEM	DEERE & COMPANY	02/11/2007	MUMBAI
3	269863	1703/MUM/2008	11/08/2008 17:06:07	05/10/2007	SYSTEM AND METHOD FOR SEAMLESS HOST MIGRATION	SONY COMPUTER ENTERTAINMENT AMERICA LLC.	23/07/2010	MUMBAI
4	269878	275/MUMNP/200 8	25/07/2006	25/07/2005	A SYSTEM AND METHOD FOR POSITIONING A TRANSPONDER	ELTA SYSTEMS LTD.	26/06/2009	MUMBAI
5	269884	2224/MUMNP/20 07	15/06/2006	16/06/2005	METHOD FOR MANUFACTURING A CIRCUIT BOARD STRUCTURE	IMBERA ELECTRONICS OY	01/02/2008	MUMBAI
6	269895	2091/MUMNP/20 08	19/04/2005	07/05/2004	A METHOD AND APPARATUS OF CONTROLLING TRANSMIT POWER FOR DATA TRANSMISSION IN A WIRELESS COMMUNICATION SYSTEM	QUALCOMM INCORPORATED	15/05/2009	MUMBAI
7	269904	1167/MUM/2006	21/07/2006		AN APPARATUS FOR SMOOTHLY ENGAGING AND DISENGAGING A CLUTCH ASSEMBLY	ENDURANCE TECHNOLOGIES PRIVATE LIMITED	19/09/2008	MUMBAI
8	269923	2766/MUMNP/20 08	31/07/2007	31/07/2006	VOICE AND TEXT COMMUNICATION SYSTEM, METHOD AND APPARATUS	QUALCOMM INCORPORATED	20/02/2009	MUMBAI
9	269927	483/MUM/2006	29/03/2006		COMBUSTION TURBINE INLET AIR COOLING SYSTEM USING AMMONIA ABSORPTION REFRIGERATION PLANT DRIVEN BY THE WASTE HEAT	TRANSPARENT ENERGY SYSTEMS PRIVATE LIMITED	14/12/2007	MUMBAI

10	269934	292/MUMNP/200 9	07/08/2007	09/08/2006	METHOD FOR THE PRODUCTION OF A BREATHABLE MULTILAYER SYNTHETIC LEATHER, AND BREATHABLE MULTILAYER SYNTHETIC LEATHER	KONRAD HORNSCHUCH AG	22/05/2009	MUMBAI
11	269935	2335/MUM/2007	28/11/2007	28/11/2006	AUTOMATED DETECTION AND CONTROL SYSTEM FOR HIGH PRESSURE WATER WASH APPLICATION AND COLLECTION APPLIED TO AERO COMPRESSOR WASHING	PRATT& WHITNEY LINE MAINTENANCE SERVICES, INC	12/06/2009	MUMBAI
12	269944	1087/MUMNP/20 10	01/09/2008	12/11/2007	EPOXY-BASED ANTISIKID ADHESIVE AND PREPARATION THEREOF	WUHAN KEDA MARBLE PROTECTIVE MATERIALS CO. LTD.	24/09/2010	MUMBAI
13	269953	1002/MUM/2007	30/05/2007		A MOBILE SERVICE WORKSTATION	SHAH JAIDIP NAUTAMLAL	10/07/2009	MUMBAI
14	269955	480/MUMNP/200 9	17/12/2007	02/01/2007	GABION DEPLOYMENT SYSTEM	HESCO BASTION LIMITED	15/05/2009	MUMBAI
15	269958	1631/MUM/2007	24/08/2007 15:39:00		A METHOD & SYSTEM OF THERMAL RECLAMATION OF USED FOUNDRY SAND	ATRE ASHOK DATTATRAY	19/06/2009	MUMBAI

Seri al Nu mbe r	Patent Numbe r	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriat e Office
1	269860	1879/CHENP/2008	15/09/2006	16/09/2005	TRANSACTION APPARATUS, SYSTEMS AND METHODS	EAGLE EYE SOLUTIONS LIMITED	23/01/2009	CHENNAI
2	269864	3954/CHENP/2010	01/04/2009	16/01/2009	A PHARMACEUTICAL COMPOSITION FOR DIABETIC NEPHROPATHY AND ITS PREPARATION AND APPLICATION	GUANGZHOU CONSUN MEDICINE RESEARCH & DEVELOPMENT COMPANY LIMITED	17/12/2010	CHENNAI
3	269865	2008/CHENP/2009	29/11/2007	30/11/2006	APPARATUS AND METHOD FOR ENHANCING DELIVERY REPORTS IN A COMMUNICATION SYSTEM	Nokia Corporation	14/08/2009	CHENNAI
4	269866	493/CHE/2005	27/04/2005	22/05/2004	METHOD OF RECORDING/REPRODUC ING DATA ON/FROM AN OPTICAL RECORDING MEDIUM	SAMSUNG ELECTRONICS CO., LTD.	27/07/2007	CHENNAI
5	269867	5412/CHENP/2009	10/03/2008	09/03/2007	PREPARATION AND USE OF PLANT EMBRYO EXPLANTS FOR TRANSFORMATION	MONSANTO TECHNOLOGY LLC	11/12/2009	CHENNAI
6	269868	2581/CHENP/2008	26/10/2006	26/10/2005	COUPLING HAVING ANGULARLY ORIENTED CAVITY	VICTAULIC COMPANY	06/03/2009	CHENNAI
7	269869	1585/CHE/2009	03/07/2009 17:05:57		PISTON RING PACK FOR REDUCED BLOW-BY, OIL CARRY OVER AND RING WEAR IN A RECIPROCATING TYPE AIR COMPRESSOR OF A MOTOR VEHICLE BRAKING SYSTEM	WABCO-TVS (INDIA) LIMITED	07/01/2011	CHENNAI
8	269870	4704/CHENP/2007	21/03/2007	22/03/2006	PROCESS FOR MANUFACTURING IMPROVED DISPENSING DEVICES	RECKITT BENCKISER LLC.	11/01/2008	CHENNAI
9	269871	4989/CHENP/2008	20/02/2007	21/02/2006	ADJUSTABLE INDUSTRIAL ANTENNA MOUNT	ROSEMOUNT INC	13/03/2009	CHENNAI

10	269872	6261/CHENP/2009	04/04/2008	05/04/2007	NUCLEIC ACID ENZYMES AND COMPLEXES AND METHODS FOR THEIR USE	JOHNSON & JOHNSON RESEARCH PTY LIMITED	08/01/2010	CHENNAI
11	269873	2414/CHENP/2009	30/01/2008	28/02/2007	SEA WATER FLUE GAS DESULFURIZATION SYSTEM	MITSUBISHI HEAVY INDUSTRIES, LTD.	02/04/2010	CHENNAI
12	269874	146/CHE/2009	22/01/2009 16:21:49		AN AC CEILING FAN WITH OUTER ROTORWITH PERMANENT MAGNETS BRUSHLESS MOTOR AND FOR SOLAR APPLICATION AT LOW VOLTAGE DC (ENERGY EFFICIENT)	N. RADHAKRISHNAN NAIR,A. GANGADHARAN	20/02/2009	CHENNAI
13	269877	1359/CHE/2006	31/07/2006		METHOD OF WEAVING SAREE	K. SIVAKUMAR	28/11/2008	CHENNAI
14	269885	2069/CHENP/2008	25/09/2006	26/09/2005	METHOD TO ENHANCE HATCHING PERCENTAGE OF ARTEMIA DIAPAUZING CYSTS	INVE TECHNOLOGIES NV	27/02/2009	CHENNAI
15	269888	1040/CHE/2009	04/05/2009 19:59:24	09/05/2008	METHOD FOR CELL SELECTION IN A RADIO ACCESS NETWORK	Research In Motion Limited	13/11/2009	CHENNAI
16	269911	5010/CHENP/2008	09/02/2007	21/02/2006	CATALYST COMPONENTS FOR THE POLYMERIZATION OF OLEFINS	BASELL POLIOLEFINE ITALIA S.R.L.	20/03/2009	CHENNAI
17	269915	2006/CHENP/2009	24/10/2007	24/10/2006	CONTROL CHANNEL SIGNALING IN WIRELESS COMMUNICATIONS	Qualcomm Incorporated	21/08/2009	CHENNAI
18	269916	4762/CHENP/2009	15/05/2007	15/05/2007	MOLECULAR CONVERSION PROCESSING OF GREENHOUSE GASES OF GLOBAL WARMING EFFECT AND CONVERSION UNITS EMPLOYING A SOLID PARTICLE TRAP	CARBONOBRASIL TECNOLOGIA E SERVI‡OS AMBIENTAIS LTDA,FUNDA‡fO DE ENSINO DE ENGENHARIA DE ENGENHARIA DE SANTA CATARINA - FEESC	11/06/2010	CHENNAI
19	269919	3309/CHENP/2010	26/11/2008	04/12/2007	ISOXAZOLO-PYRIDINE DERIVATIVES	F. HOFFMANN-LA ROCHE AG	26/11/2010	CHENNAI
20	269920	349/CHE/2005	31/03/2005		METHOD OF PRINTING A DOCUMENT WHEN A PRINTER TONER IS LOW	SAMSUNG R& D INSTITUTE INDIA BANGALORE PRIVATE LIMITED	16/03/2007	CHENNAI
21	269924	841/CHE/2007	19/04/2007 16:44:20	20/04/2006	A GRANULE AND A TABLET OF A SOLID DISPERSION AND A METHOD FOR PRODUCING THE SAME	SHIN-ETSU CHEMICAL CO., LTD	28/11/2008	CHENNAI

22	269928	191/CHE/2009	29/01/2009 11:21:53		A DEVICE FOR GUIDING THE AIR FLOW INTO SPIROMETER FOR ITS USE FOR MEASURING THE BREATH	SANJAY KUMAR NAYAK	20/02/2009	CHENNAI
23	269929	2009/CHENP/2009	26/09/2007	26/09/2006	METHOD PROVIDING MULTIPLEXING FOR DATA NON ASSOCIATED CONTROL CHANNEL	Nokia Corporation	14/08/2009	CHENNAI
24	269932	2077/CHENP/2008	26/09/2006	27/09/2005	A METHOD FOR SEARCHING USING KEYWORDS	SARKAR PTE LTD.	27/02/2009	CHENNAI
25	269937	4927/CHENP/2008	15/02/2007	16/03/2006	PROCESS FOR PRODUCING A BISPHENOL A	IDEMITSU KOSAN CO., LTD.,TSUKISHIMA KIKAI CO., LTD.	13/03/2009	CHENNAI
26	269941	2561/CHENP/2008	21/11/2006	24/11/2005	HOUSING FOR THE SILO COMBUSTION CHAMBER OF A GAS TURBINE	ALSTOM Technology Ltd.	06/03/2009	CHENNAI
27	269943	2263/CHENP/2008	08/11/2006	08/11/2005	PROCESS FOR THE MANUFACTURE OF DICHLOROPROPANOL BY CHLORINATION OF GLYCEROL	SOLVAY (SOCIETE ANONYME)	06/03/2009	CHENNAI
28	269947	2536/CHENP/2008	08/05/2006	22/11/2005	SPANDEX FROM HIGH MOLECULAR WEIGHT POLY (TETRAMETHYLENE- CO- ETHYLENEETHER)GLYC OLS	INVISTA TECHNOLOGIES S.A.R.L.	06/03/2009	CHENNAI
29	269950	897/CHE/2007	27/04/2007		METHOD TO IMPROVE SYMMETRY IN DATA TRANSFER IN LLC LAYER OF PEER TO PEER NFC DEVICES	SAMSUNG R&D INSTITUTE INDIA- BANGALORE PRIVATE LIMITED	05/12/2008	CHENNAI
30	269951	4528/CHENP/2008	30/01/2007	31/01/2006	ELECTRONIC PHOTOGRAPHING PHOTOSENSITIVE BODY, PROCESS CATRIDGE, AND ELECTRONIC PHOTOGRAPHING DEVICE	CANON KABUSHIKI KAISHA	13/03/2009	CHENNAI
31	269952	6097/CHENP/2008	09/05/2007	10/05/2006	A FLUIDIZED BED HEAT EXCHANGER FOR A CIRCULATING FLUIDIZED BED BOILER AND A CIRCULATING FLUIDIZED BED BOILER WITH A FLUIDIZED BED HEAT EXCHANGER	Amec Foster Wheeler Energia Oy	03/04/2009	CHENNAI

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Ser ial Nu mb er	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	269875	3208/KOLNP/2006	07/04/2005	07/04/2004	A PROCESS FOR THE PREPARATION OF AN IONIC LIQUID	INNOVIA FILMS LIMITED	08/06/2007	KOLKATA
2	269886	2172/KOLNP/2009	07/12/2007	07/12/2006	GATEWAY AND METHOD FOR PROVIDING INTERACTION MANAGEMENT AMONG NETWORK DEVICES IN A COMMUNICATION NETWORK	CISCO TECHNOLOGY INC.	03/07/2009	KOLKATA
3	269890	3436/KOLNP/2009	06/03/2008	01/04/2007	A COATED CUTTING INSERT AND THE METHOD FOR FORMING THE SAME	ISCAR LTD.	18/12/2009	KOLKATA
4	269893	1369/KOLNP/2007	23/09/2005	30/09/2004	A METHOD FOR MOVING AN EXECUTING PROCESS BETWEEN ISOLATION ENVIRONMENTS	CITRIX SYSTEMS, INC.	20/07/2007	KOLKATA
5	269894	1771/KOL/2008	20/10/2008	05/12/2007	VARIABLE DISPLACEMENT VANE PUMP	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	19/06/2009	KOLKATA
6	269897	2222/KOLNP/2007	13/12/2005	14/12/2004	COMPACT HELICAN COMPRESSOR FOR MOBILE USE IN A VEHICLE	KNORR-BREMSE SYSTEME FUR SCHIENEN-FAHRZEUGE GMBH	17/08/2007	KOLKATA
7	269898	1930/KOL/2008	03/11/2008	11/12/2007	A CONTROL SYSTEM FOR AND A METHOD OF OPERATING AN INTERNAL COMBUSTION ENGINE	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	19/06/2009	KOLKATA
8	269899	3494/KOLNP/2006	07/07/2005	23/07/2004	DEVICE FOR POSITIONING AND FIXING WIRES IN TUBES.	EVONIK DEGUSSA GMBH	15/06/2007	KOLKATA
9	269903	1144/KOLNP/2008	29/09/2006	30/09/2005	SYSTEM AND METHOD FOR ORDER PLACEMENT IN AN ELECTRONIC TRADING ENVIRONMENT	TRADING TECHNOLOGIES INTERNATIONAL, INC.	26/12/2008	KOLKATA

10	269908	267/KOLNP/2008	27/06/2006	27/06/2005	RECORDING MEDIUM, REPRODUCTION DEVICE, MESSAGE ACQUISITION METHOD, MESSAGE ACQUISITION PROGRAM, INTEGRATED CIRCUIT	PANASONIC CORPORATION,	05/12/2008	KOLKATA
11	269909	3725/KOLNP/2007	03/04/2006	01/04/2005	OPTICAL ELEMENT AND METHOD FOR RECORDING BEAM PARAMETERS, COMPRISING A TEMPERATURE SENSOR PROVIDED IN THE FORM OF A PIXEL MATRIX	TRUMPF WERKZEUGMASCHINE N GMBH & CO. KG.	21/03/2008	KOLKATA
12	269910	3238/KOLNP/2009	16/04/2008	20/04/2007	OIL-IN-WATER EMULSION INFLUENZA VACCINE	GLAXOSMITHKLINE BIOLOGICALS S.A.	27/11/2009	KOLKATA
13	269912	4203/KOLNP/2007	20/03/2006	29/04/2005	SPEECH DIALOG METHOD AND SYSTEM	MOTOROLA, INC.	06/06/2008	KOLKATA
14	269913	2668/KOLNP/2008	08/12/2006	09/12/2005	VIP FRAGMENTS AND METHODS OF USE	VECTUS BIOSYSTEMS LIMITED	23/01/2009	KOLKATA
15	269938	2819/KOLNP/2010	19/02/2009	20/02/2008	WATER HEATER COMPRISING METAL TANK WITH ORGANIC POLYMER COATINGS	AOS HOLDING COMPANY	15/10/2010	KOLKATA
16	269939	584/KOLNP/2009	04/06/2007	28/08/2006	BLOCK CODEWORD DECODER WITH CONFIDENCE INDICATOR	MOTOROLA, INC.	15/05/2009	KOLKATA
17	269948	2354/KOLNP/2008	13/06/2006	13/12/2005	SN-CONTAINING HEAVY-DUTY MATERIAL COMPOSITION, METHOD FOR THE PRODUCTION OF A HEAVY-DUTY COATING, AND USE THEREOF	ECKA GRANULATE GMBH & CO.KG.	23/01/2009	KOLKATA
18	269949	1833/KOLNP/2009	14/12/2007	15/12/2006	SIZING COMPOSITIONS AND GLASS FIBER REINFORCED THERMOPLASTIC COMPOSITES	PPG INDUSTRIES OHIO, INC.	12/06/2009	KOLKATA

CONTINUED TO PART- 2

CONTINUED FROM PART- 1

INTRODUCTION

In view of the recent amendment made in the Designs (Amendment) Rules, 2008 with effect from 17/06/2008, Publication of the matter relating to Designs is being published in the Official Journal of The Patent Office. This Journal is being published on weekly basis on every Friday covering the various proceedings on Designs as required according to the provisions of under Rule 22, 25, 27 and 39 of the Design (Amendment) Rules, 2008. 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.

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SL NO	REGISTERED DESIGN NUMBERS	RENEWED ON
1.	200529	12.10.2015
2.	200556	12.10.2015
3.	200557	12.10.2015
4.	200764	03.11.2015
5.	200765	03.11.2015
6.	200854	15.10.2015
7.	202014	12.10.2015
8.	202002	08.10.2015
9.	201467	08.10.2015
10.	201466	08.10.2015
11.	202550	08.10.2015
12.	202551	08.10.2015
13.	202570	03.11.2015
14.	202571	03.11.2015
15.	202572	03.11.2015
16.	202573	03.11.2015
17.	202574	03.11.2015

REGISTRATION OF DESIGNS

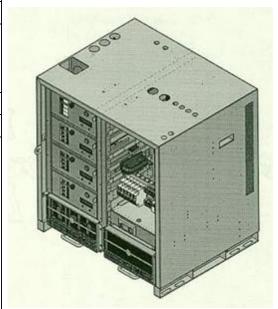
The following designs have been registered. They are now open for public inspection. In the following each entry the Date of Registration is shown. The Priority Number, Priority Date and Priority Country are also shown

DESIGN NUMBER	269730
CLASS	13-03

1)EMERSON NETWORK POWER (INDIA) PVT. LTD., A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, AT

PLOT C2D. ROAD 19, WAGLE INDUSTRIAL ESTATE, THANE (W), MUMBAI-400604, MAHARASHTRA, INDIA

DATE OF REGISTRATION	20/02/2015	
TITLE	DC POWER SYSTEM	



PRIORITY NA

DESIGN NUMBER	270483
CLASS	06-11

1)WILLIAM GOODACRE & SONS INDIA PVT. LTD., A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956, HAVING ADDRESS AT

XVIII/1146, S. REVI KARUNA KARAN ROAD, ALLEPPEY-688012, KERALA, INDIA

DATE OF REGISTRATION	23/03/2015
TITLE	DOOR MAT



DESIGN NUMBER	271466	
CLASS	23-01	
4) 55 4 775 774 774 77		

1)PRAVEEN RAWAT

D-4, KALYAN RESIDENCY, SHIVALAYA CHS LTD, PASHAN-SUS ROAD, P.O.ARMAMENT, PUNE: 411021, INDIAN

DATE OF REGISTRATION	16/04/2015
TITLE	FLUID DISTRIBUTION EQUIPMENT
PRIORITY NA	





DESIGN NUMBER	273192
CLASS	02-04

1)G. G. IMPEX,

D-228-229, SECTOR-3, DSIIDC, BAWANA, DELHI-110039, INDIA (AN INDIAN PROPRIETORSHIP FIRM WHOSE PROPRIETOR IS SH. SAURABH GUPTA AN INDIAN NATIONAL OF THE ABOVE ADDRESS

DATE OF REGISTRATION	29/06/2015
TITLE	SOLE FOR FOOTWEAR



PRIORITY NA

DESIGN NUMBER	271622
CLASS	31-00

1)PREETHI KITCHEN APPLIANCES PRIVATE LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE PROVISIONS OF THE COMPANIES ACT, 1956,

OF TECHNOPOLIS KNOWLEDGE PARK, MAHAKALI CAVES ROAD, CHAKALA, ANDHERI-EAST, MUMBAI-400093, INDIA

DATE OF REGISTRATION	23/04/2015
TITLE	JAR OF MIXER GRINDER



PRIORITY NA

DESIGN NUMBER	267458
CLASS	19-02

1)KANGARO INDUSTRIES (REGISTERED) AT B-XXX-6754, FOCAL POINT, LUDHIANA-141010, PUNJAB, INDIA, WITH SHRI ARIHANT JAIN, SHRI VISHWA JAIN AND MRS. NEELAM JAIN AS PARTNERSHIP FIRM UNDER THE PROVISIONS OF INDIAN PARTNERSHIP ACT HAVING THEIR ADDRESS AT BEHIND AARTI STEELS LIMITED,

B-XXX-6754, FOCAL POINT, LUDHIANA-141010, PUNJAB

DATE OF REGISTRATION	17/11/2014
TITLE	PAPER PUNCH

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002534941	10/09/2014	OHIM



DESIGN NUMBER	269789
CLASS	08-06

1)TEJASBHAI MAVJIBHAI BHANDERI (ADULT AND INDIAN NATIONAL) HAVING PLACE OF BUSINESS AT-

PATEL NAGAR, NR. BHOJABHAGAT CHOWK, 50 FEET ROAD, RAJKOT-360002-GUJARAT-(INDIA)

DATE OF REGISTRATION	24/02/2015
TITLE	HANDLE



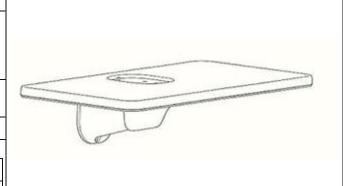
PRIORITY NA

DESIGN NUMBER	273213
CLASS	14-99

1)LG ELECTRONICS INC.

128, YEOUI-DAERO, YEONGDEUNGPO - GU, SEOUL 150 - 721, REPUBLIC OF KOREA A CORPORATION INCORPORATED UNDER THE LAWS OF THE REPUBLIC OF KOREA

DATE OF REGISTRATION		30/06/2015	
TITLE	STA	STAND FOR TELEVISION	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
30-2014-0063939	30/12/2014	REPUBLIC OF KOREA	



DESIGN NUMBER	270484
CLASS	06-11

1)WILLIAM GOODACRE & SONS INDIA PVT. LTD., A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956, HAVING ADDRESS AT

XVIII/1146, S. REVI KARUNA KARAN ROAD, ALLEPPEY-688012, KERALA, INDIA

DATE OF REGISTRATION	23/03/2015
TITLE	DOOR MAT
PRIORITY NA	

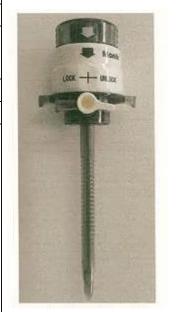


DESIGN NUMBER	271273
CLASS	24-01

1)MERIL ENDOSURGERY PRIVATE LIMITED

SURVEY NO. 135/139, BILAKHIA HOUSE, MUKTANAND MARG, CHALA, VAPI 396191, GUJARAT, INDIA

DATE OF REGISTRATION	09/04/2015
TITLE	TROCAR



PRIORITY NA

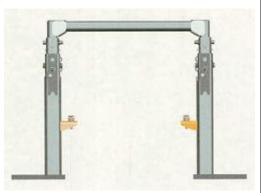
DESIGN NUMBER	273210	
CLASS	07-02	
1)MR. YOGESH CHAWLA,		

E-38, SEC A-5/6, TRONICA CITY, LONI GHAZIABAD (U.P.) 201102 WHOSE PROPRIETOR IS (AN INDIVIDUAL INDIAN)

DATE OF REGISTRATION	30/06/2015
TITLE	PRESSURE COOKER



DESIGN NUMBER	270505	
CLASS	12-16	
1)DEERE & COMPANY, A US CORPORATION OF ONE JOHN DEERE PLACE, MOLINE, ILLINOIS, 61265-8098 USA		
DATE OF REGISTRATION	23/03/2015	
TITLE	TELESCOPIC ROLL OVER PROTECTION STRUCTURE FOR OFF-ROAD VEHICLES	
PRIORITY NA		

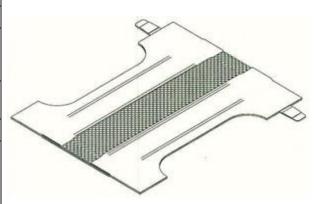


DESIGN NUMBER	271316
CLASS	02-01

1)DAIO PAPER CORPORATION,

2-60, MISHIMAKAMIYA-CHO, SHIKOKUCHUO-SHI, EHIME 799-0492, JAPAN, NATIONALITY: JAPAN

DATE OF REGISTRATION	10/04/2	2015
TITLE	DISPOSABLE DIAPER	
PRIORITY		
PRIORITY NUMBER	DATE	COUNTRY
2014-023070	15/10/2014	IAPAN

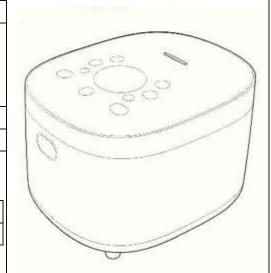


DESIGN NUMBER	273260
CLASS	07-02

1)KONINKLIJKE PHILIPS N.V., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE KINGDOM OF THE NETHERLANDS,

RESIDING AT EINDHOVEN, WHOSE POST-OFFICE ADDRESS IS HIGH TECH CAMPUS 5, 5656 AE EINDHOVEN, THE NETHERLANDS

DATE OF REGISTRATION	01/07/2015
TITLE	RICE COOKER



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002624668-0001	02/02/2015	OHIM

DESIGN NUMBER	272035	
CLASS	23-04	
1) 07-1		

1)SHARP KABUSHIKI KAISHA, A JAPANESE CORPORATION OF 22-22, NAGAIKE-CHO, ABENO-KU, OSAKA, JAPAN

DATE OF REGISTRATION	11/05/2015
TITLE	AIR PURIFIER



IMOMII		
PRIORITY NUMBER	DATE	COUNTRY
2014-026552	28/11/2014	JAPAN

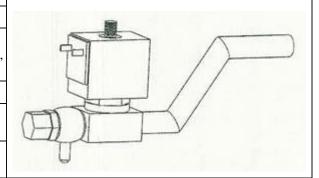


DESIGN NUMBER	267724
CLASS	12-16

1)NOBY ERALIL ABI, HAVING ADDRESS AT

ERALIL HOUSE, LPS ROAD, PALLINADA, PALARIVATTOM, P.O., KOCHI-682025, KERALA, INDIA

DATE OF REGISTRATION	26/11/2014
TITLE	FUEL REGULATING VALVE ASSEMBLY FOR VEHICLES



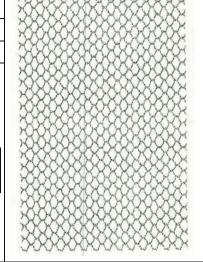
PRIORITY NA

DESIGN NUMBER	269970	
CLASS	24-01	
1)JOHNSON & JOHNSON MEDICAL GMBH, A COMPANY ORGANIZED		
UNDER THE LAWS OF GERMANY OF		
ROBERT-KOCH-STRASSE 1, 22851 NORDERSTEDT, GERMANY		

DATE OF REGISTRATION	27/02/2015
TITLE	SURGICAL MESH IMPLANT

PRIORITY

п			
	PRIORITY NUMBER	DATE	COUNTRY
	001419972-0001	29/08/2014	OHIM

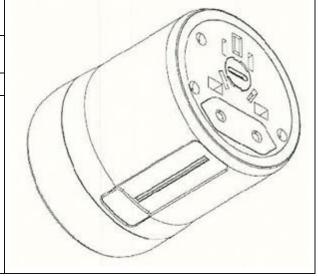


DESIGN NUMBER	270522
CLASS	13-03

1)TRAVEL BLUE LIMITED, A COMPANY INCORPORATED UNDER THE LAWS OF UNITED KINGDOM HAVING ITS OFFICE ADDRESS AT

MAGNOLIA HOUSE, SPRING VILLA PARK, 11 SPRING VILLA ROAD, EDGWARE, MIDDLESEX HA8 7EB, UNITED KINGDOM

DATE OF REGISTRATION	24/03/2015
TITLE	ELECTRICAL ADAPTER



DESIGN NUMBER	272198
CLASS	02-04

1)LIBERTY SHOES LIMITED, AN INDIAN COMPANY,

OF LIBERTY PURAM, 13TH MILESTONE, GT KARNAL ROAD, KUTAIL, DT-KARNAL - 132001, HARYANA, INDIA

DATE OF REGISTRATION	18/05/2015
TITLE	SHOE



PRIORITY NA

DESIGN NUMBER	264601
CLASS	13-03
1)GOLD MEDAL ELECTRICALS PVT. LTD. A COMPANY REGISTERED	

1)GOLD MEDAL ELECTRICALS PVT. LTD. A COMPANY REGISTERED UNDER COMPANY ACT 1956 OF,

22/23 SHUBH BUILDING, SAGAR MANTHAN INDUSTRIAL COMPLEX, BHOIDAPADA, VASAI (E), THANE - 401208, MAHARASHTRA, INDIA

DATE OF REGISTRATION	08/08/2014	
TITLE	GIFA 13 AMPERES INTERNATIONAL SOCKET	



PRIORITY NA

DESIGN NUMBER	273267	
CLASS	26-03	

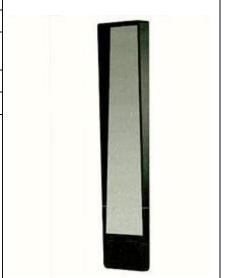
1)BIPIN KUMAR CHANDULAL GADHIYA,

SHADH UVASVANI ROAD, 403 RUBY, SUNCITY RAJKOT 360005 INDIAN

DATE OF REGISTRATION	01/07/2015
TITLE	PUBLIC LIGHTING FIXTURES



DESIGN NUMBER	271276	
CLASS	06-07	
1)GUILLAUME CHARVET OF THE ADDRESS 2311 CHEMIN DE LA NAVARRE, 83390 CUERS, FRANCE, A FRENCH CITIZEN		
DATE OF REGISTRATION 09/04/2015		
TITLE	MIRROR	



PRIORITY NA

DESIGN NUMBER	272194 02-04	
CLASS		
1) I DEDTY CHOEC I IMPED AN INDIAN COMPANY		

1)LIBERTY SHOES LIMITED, AN INDIAN COMPANY, OF LIBERTY PURAM, 13TH MILESTONE, GT KARNAL ROAD, KUTAIL, DT-KARNAL - 132001, HARYANA, INDIA

DATE OF REGISTRATION	18/05/2015	
TITLE	SHOE	



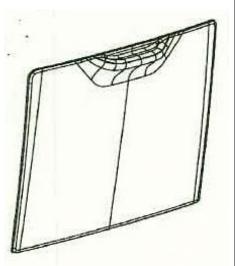
PRIORITY NA

DESIGN NUMBER	270017
CLASS	12-16

1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF

BOMBAY HOUSE, 24 HOMÍ MODY STREET, HUTATMA CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA

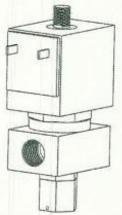
DATE OF REGISTRATION	02/03/2015
TITLE	FLOOR CONSOLE CUP HOLDER COVER OF A VEHICLE



DESIGN NUMBER	273226	
CLASS	09-02	
INDIAN COMPANIES ACT)	COMPANY INCORPORATED UNDER AK ROAD, NEW DELHI-110041, [INDIA]	
DATE OF REGISTRATION	30/06/2015	
TITLE	CONTAINER	
PRIORITY NA		Misco
DESIGN NUMBER	271630	
CLASS	26-05	
INDIAN COMPANIES ACT),	A COMPANY INCORPORATED UNDER TIVALI ROAD, VASAI (EAST)-401208, INDIA)	
DATE OF REGISTRATION	23/04/2015	
TITLE	NIGHT LAMP	
PRIORITY NA		P
DESIGN NUMBER	267726	

682	682025, KERALA, INDIA		
DA	ATE OF REGISTRATION	26/11/2014	
TI	TLE	FUEL REGULATING VALVE ASSEMBLY FOR VEHICLES	





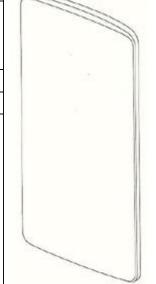
DESIGN NUMBER		269972	
CLASS		24-01	200000000000000
1)JOHNSON & JOHNSON MEDICAL GMBH, A COMPANY ORGANIZED UNDER THE LAWS OF GERMANY OF ROBERT-KOCH-STRASSE 1, 22851 NORDERSTEDT, GERMANY			
DATE OF REGISTRATION	2'	7/02/2015	
TITLE	SURGICAL	MESH IMPLANT	
PRIORITY			10000000000000000000000000000000000000
PRIORITY NUMBER	DATE	COUNTRY	
001419972-0003	29/08/2014	OHIM	
DESIGN NUMBER		271496	
CLASS		23-04	
1)CROMPTON GREAVES LIMI' CG HOUSE, 6TH FLOOR, DR. A MAHARASHTRA, INDIA; AN INDI	NNIE BESANT ROAD,	WORLI, MUMBAI - 4000	030,
DATE OF REGISTRATION	1′	7/04/2015	
TITLE	PED	ESTAL FAN	
PRIORITY NA			
DESIGN NUMBER	224026		
CLASS	15-07		
1)GODREJ & BOYCE MFG. CO. LTD. PIROJSHANAGAR, VIKHROLI, MUMBAI 400 079, MAHARASHTRA, INDIA.			Part of the same o
DATE OF REGISTRATION	24	4/07/2009	
TITLE	DOOR OF REFRIGERATOR		
PRIORITY NA			

DESIGN NUMBER	264758
CLASS	14-03

1)LG ELECTRONICS INC.

128 YEOUI-DAERO, YEONGDEUNGPO - GU, SEOUL 150 - 721, REPUBLIC OF KOREA A CORPORATION INCORPORATED UNDER THE LAWS OF THE REPUBLIC OF KOREA

DATE OF REGISTRATION	13/08/2014
TITLE	MOBILE PHONE



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2014-0017228	07/04/2014	REPUBLIC OF KOREA

DESIGN NUMBER	273273
CLASS	26-05

1)BIPIN KUMAR CHANDULAL GADHIYA,

SHADH UVASVANI ROAD, 403 RUBY, SUNCITY RAJKOT 360005 INDIAN

DATE OF REGISTRATION	01/07/2015	
TITLE	WALL AND CEILING FIXTURES	



PRIORITY NA

DESIGN NUMBER	272052
CLASS	07-99

1)NAYASA WORLD

OF SURVEY NO. 655/IC NEAR SOMNANATH CO.OP.SOCIETY, DABHEL NANI DAMAN, DAMAN-396310, (UNION TERRITORIES) DAMAN, INDIA, INDIAN PARTNERSHIP FIRM, WHOSE PARTNERS ARE RUPA SACHDEV, MANASI SACHDEV & KISHOR MALIK, ALL INDIAN NATIONALS

DATE OF REGISTRATION	12/05/2015
TITLE	TRAY
PRIORITY NA	



DESIGN NUMBER	272197	
CLASS 02-04		
1)LIBERTY SHOES LIMITED, AN INDIAN COMPANY, OF LIBERTY PURAM, 13TH MILESTONE, GT KARNAL ROAD, KUTAIL, DT-KARNAL - 132001, HARYANA, INDIA		
DATE OF REGISTRATION	18/05/2015	



PRIORITY NA

TITLE

DESIGN NUMBER	273263	
CLASS 26-05		
1)BIPIN KUMAR CHANDULAL GADHIYA, SHADH UVASVANI ROAD, 403 RUBY, SUNCITY RAJKOT 360005 INDIAN		
DATE OF REGISTRATION	01/07/2015	
TITLE	WALL AND CEILING FIXTURES	

SHOE



PRIORITY NA

DESIGN NUMBER	271641
CLASS	15-99

1)ENVISION ENGINEERING SOLUTIONS, AN INDIAN COMPANY, HAVING ITS REGISTERED OFFICE AT

PLOT NO. F-303, PHASE VIII-B, INDUSTRIAL AREA, MOHALI-160071, PUNJAB, INDIA

DATE OF REGISTRATION	23/04/2015
TITLE	MOLASSES CONDITIONER



DESIGN NUMBER		267725	
CLASS		12-16	
1)NOBY ERALIL ABI, HAVING ERALIL HOUSE, LPS ROAD, I 682025, KERALA, INDIA		ATTOM, P.O., KOCHI-	POT
DATE OF REGISTRATION	20	5/11/2014	
TITLE		G VALVE ASSEMBLY FOR EHICLES	
PRIORITY NA			
DESIGN NUMBER		269971	
CLASS		24-01	50000000000000000000
1)JOHNSON & JOHNSON MEI UNDER THE LAWS OF GERMA ROBERT-KOCH-STRASSE 1, 2	NY OF		
DATE OF REGISTRATION	2′	7/02/2015	***************************************
TITLE	SURGICAI	MESH IMPLANT	388888888888888888888888888888888888888
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	:28888888888888888888888888888888888888
001419972-0002	29/08/2014	OHIM	***************************************

DESIGN NUMBER		271494	
CLASS		23-04	allto
1)CROMPTON GREAVES LIM CG HOUSE, 6TH FLOOR, DR. MAHARASHTRA, INDIA; AN INI	ANNIE BESANT ROAD,	WORLI, MUMBAI - 400030,	
DATE OF REGISTRATION	1	7/04/2015	
TITLE		FAN	
PRIORITY NA			

DESIGN NUMBER	264752
CLASS	15-06

1)NAGPAL PRODUCTS, B-XXIII-404/8, INDRA COLONY, BEHIND SATLUJ HOSIERY, INDUSTRIAL AREA-A, LUDHIANA-141003 (PUNJAB) INDIA

AN INDIAN PROPRIETORSHIP FIRM WHOSE PROPRIETOR IS:- TERVINDER SINGH, BEING INDIAN NATIONAL OF THE ABOVE ADDRESS

DATE OF REGISTRATION	13/08/2014	
TITLE	STAND FOR SEWING MACHINE	



PRIORITY NA

DESIGN NUMBER	273270		
CLASS	26-03		
1)BIPIN KUMAR CHANDULAL GADHIYA,			
SHADH UVASVANI ROAD, 403 RUBY, SUNCITY RAJKOT			
360005 INDIAN			

DATE OF REGISTRATION	01/07/2015	
TITLE	PUBLIC LIGHTING FIXTURES	



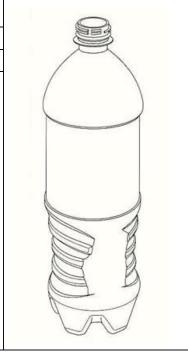
PRIORITY NA

DESIGN NUMBER	271661
CLASS	09-01
	•

1)PEPSICO, INC.

INCORPORATED IN NORTH CAROLINA OF 700 ANDERSON HILL ROAD, PURCHASE, NEW YORK 10577, UNITED STATES OF AMERICA

DATE OF REGISTRATION	24/04/2015	
TITLE	BOTTLE	



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/507,224	24/10/2014	U.S.A.

DESIGN NUMBER	268562		
CLASS	06-01		
1)ITALICA FURNITURE PRIVATE LIMITED, E-260-261, M I A, UDAIPUR, INDIA, AN INDIAN COMPANY			
DATE OF REGISTRATION	F REGISTRATION 01/01/2015		
TITLE	CHAIR		



PRIORITY NA

DESIGN NUMBER	269694	
CLASS	09-01	
1) 2 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		

1)BAJAJ RESOURCES LIMITED, A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956 WHOSE ADDRESS IS

221, SOLITAIRE CORPORATE PARK, 151, M. VASANJI MARG, CHAKALA, OPPOSITE: APPLE HERITAGE, ANDHERI (EAST), MUMBAI 400093, MAHARASHTRA, INDIA

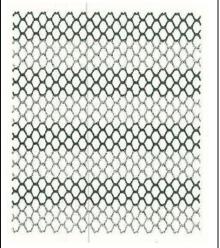
DATE OF REGISTRATION	19/02/2015	
TITLE	BOTTLE	



PRIORITY NA

DESIGN NUMBER	269975		
CLASS 24-01			
1)JOHNSON & JOHNSON MEDICAL GMBH, A COMPANY ORGANIZED UNDER THE LAWS OF GERMANY OF ROBERT-KOCH-STRASSE 1, 22851 NORDERSTEDT, GERMANY			
DATE OF REGISTRATION	27/02/2015		
TITLE	SURGICAL MESH IMPLANT		

1 KI OKI 1		
PRIORITY NUMBER	DATE	COUNTRY
001419972-0006	29/08/2014	OHIM



DESIGN NUMBER	271	165	
CLASS	05	-05	
1)SIDDHI VINAYAK KNOTS & PI UNDER THE PROVISION OF COM REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PA	PANIES ACT, 1956 HAV	VING ITS	
DATE OF REGISTRATION	07/04	1/2015	
TITLE	TEXTILE	E FABRIC	
PRIORITY NA			
DESIGN NUMBER	271519		
CLASS	14-02		
1)SEIKO EPSON CORPORATION, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN, OF 4-1, NISHI-SHINJUKU 2-CHOME, SHINJUKU-KU, TOKYO 163-0811 JAPAN			
DATE OF REGISTRATION	20/04	4/2015	
TITLE	INK TANK CONTAINER FOR PRINTER		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2014-023518	21/10/2014	JAPAN	
DESIGN NUMBER	271745		
CLASS	09-01		
1)KARTHIK BALAN, AN INDIAN NATIONAL, WHOSE THE ADDRESS IS NO. 2/294, 6TH STREET LAKSHMI NAGAR, VANDALUR, CHENNAI-600048, TAMIL NADU, INDIA			
DATE OF REGISTRATION	27/04/2015		
	 		

BOTTLE

TITLE

271849
10-02
_

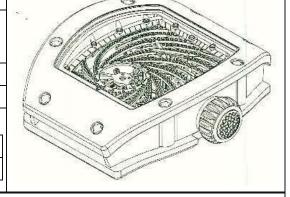
1)TURLEN HOLDING SA, A SWISS COMPANY OF

C/O SIPO S.A., CHEMIN DU CHÂTEAU 26A, 2805 SOYHIÈRES, SWITZERLAND

DATE OF REGISTRATION	01/05/2015	
TITLE	WRIST WATCH	

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
850489701	06/11/2014	WIPO



DESIGN NUMBER	269977	
CLASS	24-01	
1) IOHNGON & IOHNGON MEDICAL CMDH A COMDANY		

1)JOHNSON & JOHNSON MEDICAL GMBH, A COMPANY ORGANIZED UNDER THE LAWS OF GERMANY OF

ROBERT-KOCH-STRASSE 1, NORDERSTEDT, GERMANY 22851

DATE OF REGISTRATION	27/02/2015	
TITLE	SURGICAL MESH IMPLANT HAVING FLOATING THREAD GRID MARKER	
PRIORITY		

PRIORITY NUMBER	DATE	COUNTRY
001419873-0001	27/08/2014	OHIM

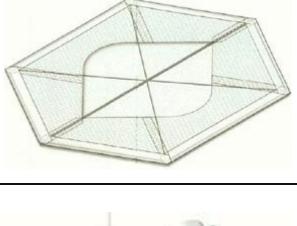
DESIGN NUMBER	271337
CLASS	12-11

1)HONDA MOTOR CO., LTD., A JAPANESE CORPORATION, OF 1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556, JAPAN

DATE OF REGISTRATION	13/04/2015	
TITLE	MOTORCYCLE	



PRIORITY NUMBER	DATE	COUNTRY
2014-023346	17/10/2014	JAPAN



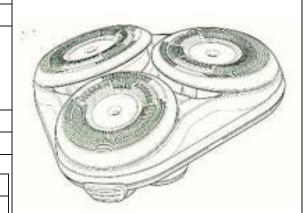


DESIGN NUMBER		271528	
	CLASS	28-03	

1)KONINKLIJKE PHILIPS N.V., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE KINGDOM OF THE NETHERLANDS,

RESIDING AT EINDHOVEN, WHOSE POST-OFFICE ADDRESS IS HIGH TECH CAMPUS 5, 5656 AE EINDHOVEN, THE NETHERLANDS

DATE OF REGISTRATION	20/04/2015		
TITLE	SHAVING HEAD		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002563486-0002	24/10/2014	ОНІМ	



DESIGN NUMBER 242069 CLASS 12-16

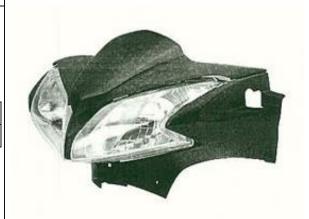
1)HONDA MOTOR CO. LTD.

1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, JAPAN

DATE OF REGISTRATION	04/01/2012	
TITLE	HANDLE COVER WITH HEADLIGHTS FOR MOTORCYCLE	

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2011-015880	11/07/2011	JAPAN



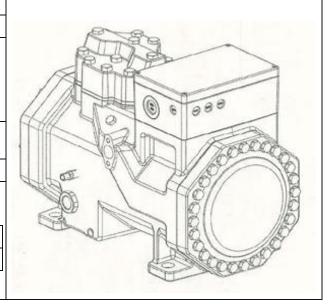
DESIGN NUMBER	271212	
CLASS	15-02	

1)BITZER KUEHLMASCHINENBAU GMBH,

A LIMITED LIABILITY COMPANY INCORPORATED UNDER THE LAWS OF GERMANY, OF THE ADDRESS ESCHENBRUENNLESTRASSE 15, 71065 SINDELFINGEN, GERMANY

DATE OF REGISTRATION	07/04/2015	
TITLE	COMPRESSOR	

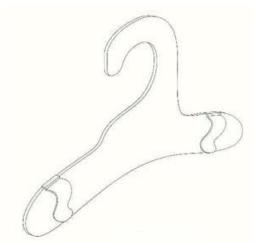
PRIORITY NUMBER	DATE	COUNTRY
002555896-0001	13/10/2014	OHIM



DESIGN NUMBER	271585	
CLASS 06-08		
1)GREENHEART GLOBAL, INC., OF 1148 E, 18TH STREET, NO. 5, OAKLAND, CA 94606, USA		
DATE OF REGISTRATION 21/04/2015		
TITLE	CLIP HANGER	



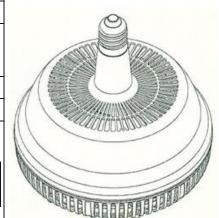
1 MOMI 1			
PRIORITY NUMBER	DATE	COUNTRY	
29/507,076	23/10/2014	U.S.A.	



DESIGN NUMBER	272257
CLASS	26-05

1)ICEPIPE CORPORATION, A KOREAN CORPORATION OF THE ADDRESS: RM. 1309, 219, GASAN DIGITAL 1-RO, GEUMCHEON-GU, SEOUL 153-704, REPUBLIC OF KOREA

DATE OF REGISTRATION	21/05/2015	
TITLE	LAMP	



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2014-0064256	30/12/2014	REPUBLIC OF KOREA

DESIGN NUMBER	272950	
CLASS	09-05	

1)FIXWELL INDUSTRIES,

167, ARIHANT NAGAR, JAIN COLONY, PUNJABI BAGH WEST, NEAR MADIPUR METRO STATION, NEW DELHI-110026, INDIA. (AN INDIAN PROPRIETORSHIP FIRM WHOSE PROPRIETOR IS :-SH. ATUL JAIN. AN INDIAN NATIONAL OF THE ABOVE ADDRESS

DATE OF REGISTRATION	22/06/2015	
TITLE	PACKAGING TUBE	



DESIGN NUMBER	258817
CLASS	09-05

1)CADILA HEALTHCARE LIMITED,

SARKHEJ-BAVLA, N.H. NO. 08A, MORAIYA, TAL. SANAD, AHMEDABAD-382210, INDIAN

DATE OF REGISTRATION	18/12/2013	
TITLE	PACKAGING STRIP FOR TABLETS	



PRIORITY NA

DESIGN NUMBER	270614	
CLASS	07-01	
1)MARCO POLO S.R.L.; AN ITALIEN CORPORATION OF THE ADDRESS: VIA C. MARX		

AN ITALIEN CORPORATION OF THE ADDRESS: VIA C., MARX 8, 06011 CITTA DI CASTELLO (PG), ITLAY

DATE OF REGISTRATION	26/03/2015	
TITLE	CAKE STAND	
DDIODIETI NA	_	



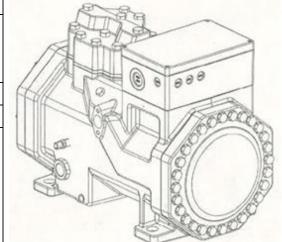
PRIORITY NA

DESIGN NUMBER	271214	
CLASS	15-02	

1)BITZER KUEHLMASCHINENBAU GMBH,

A LIMITED LIABILITY COMPANY INCORPORATED UNDER THE LAWS OF GERMANY, OF THE ADDRESS ESCHENBRUENNLESTRASSE 15, 71065 SINDELFINGEN, GERMANY

DATE OF REGISTRATION	07/04/2015	
TITLE	COMPRESSOR	



PRIORITY NUMBER	DATE	COUNTRY
002555896-0009	13/10/2014	OHIM

DESIGN NUMBER	271600
CLASS	09-01

1)CAULDRON PETROTECH INDIA PVT. LTD. AN INDIAN PVT. LTD. COMPANY

AT- E-227, RIICO INDUSTRIAL AREA, BAGRU (EXT.), JAIPUR (RAJASTHAN) NATIONALITY-INDIAN

DATE OF REGISTRATION	22/04/2015	
TITLE	BOTTLE	



PRIORITY NA

DESIGN NUMBER	272264	
CLASS	23-04	
1)KHAITAN (INDIA) I IMITED AN INDIAN COMPANY		

1)KHAITAN (INDIA) LIMITED, AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE

AT 46C, JAWAHAR LAL NEHRU ROAD, KOLKATA 700071, WEST BENGAL, INDIA.

DATE OF REGISTRATION	21/05/2015	
TITLE	CEILING FAN	



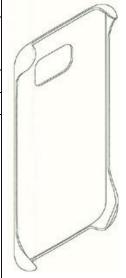
PRIORITY NA

DESIGN NUMBER	272956	
CLASS	14-99	

1)SAMSUNG ELECTRONICS CO., LTD.

129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742, REPUBLIC OF KOREA, A COMPANY OF REPUBLIC OF KOREA

DATE OF REGISTRATION	22/06/2015	
TITLE	COVER FOR MOBILE PHONE	



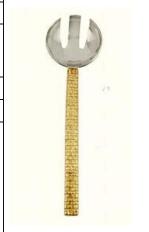
PRIORITY NUMBER	DATE	COUNTRY
30-2015-0008478	16/02/2015	REPUBLIC OF KOREA

DESIGN NUMBER	272087
CLASS	07-03

1)MA DESIGN INDIA PRIVATE LIMITED, A COMPANY INCORPORATED IN INDIA HAVING ITS PRINCIPAL PLACE OF BUSINESS AT

A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA

DATE OF REGISTRATION	13/05/2015	
TITLE	FORK	



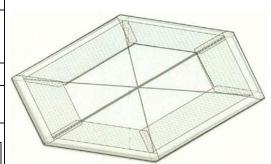
PRIORITY NA

DESIGN NUMBER	269979	
CLASS	24-01	
1) IOHNSON & IOHNSON MEDICAL CMRH A COMDANY		

1)JOHNSON & JOHNSON MEDICAL GMBH, A COMPANY ORGANIZED UNDER THE LAWS OF GERMANY OF

ROBERT-KOCH-STRASSE 1, NORDERSTEDT, GERMANY 22851

DATE OF REGISTRATION	27/02/2015	
TITLE	SURGICAL MESH IMPLANT HAVING A FLOATING THREAD GRID MARKER	



PRIORITY

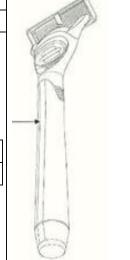
PRIORITY NUMBER	DATE	COUNTRY
001419873-0004	27/08/2014	OHIM

DESIGN NUMBER	271194
CLASS	28-03

1)THE GILLETTE COMPANY, A BODY CORPORATE INCORPORATED UNDER THE LAWS OF UNITED STATES OF AMERICA, HAVING ITS REGISTERED OFFICE AT

ONE GILLETTE PARK, BOSTON, MASSACHUSETTS, 02127 UNITED STATES OF AMERICA

DATE OF REGISTRATION	07/04/2015
TITLE	RAZOR



PRIORITY NUMBER	DATE	COUNTRY
29/504530	07/10/2014	U.S.A.

DESIGN NUMBER	271575
CLASS	02-04

1)M/S. AEROBOK SHOE PVT. LTD.,

1459, M.I.E., PART-II, BAHADURGARH-124507 [HARYANA], INDIA [AN INDIAN PRIVATE LIMITED COMPANY]

DATE OF REGISTRATION	21/04/2015
TITLE	FOOTWEAR



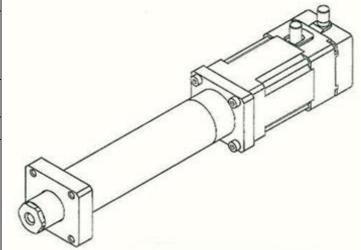
PRIORITY NA

DESIGN NUMBER	270264
CLASS	15-99

1)SMC CORPORATION, A JAPANESE CORPORATION OF

14-1, SOTOKANDA 4-CHOME, CHIYODA-KU, TOKYO 101-0021, JAPAN

DATE OF REGISTRATION	11/03/2015	
TITLE	ELECTRICAL ACTUATOR	



PRIORITY

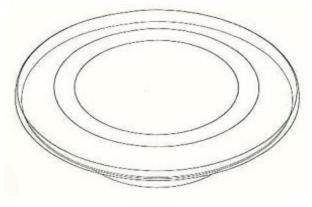
PRIORITY NUMBER	DATE	COUNTRY
2014-020123	11/09/2014	JAPAN

DESIGN NUMBER	273351
CLASS	13-02

1)SAMSUNG ELECTRONICS CO., LTD.,

129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742, REPUBLIC OF KOREA, A COMPANY OF REPUBLIC OF KOREA

DATE OF REGISTRATION	03/07/2015
TITLE	CHARGER FOR ELECTRONIC DEVICE
DDIODITY	·



PRIORITY NUMBER	DATE	COUNTRY
30-2015-0000392	06/01/2015	REPUBLIC OF KOREA

DESIGN NUMBER	271015
CLASS	15-03
1)GURPREET SINGH S/O, S. GURDEV SINGH, ABULKHURANA, MALOUT	G MAAN FARMERS, V.P.O. , PUNJAB 152114 INDIA
DATE OF REGISTRATION	06/04/2015
TITLE	ROTAVATOR



PRIORITY NA

DESIGN NUMBER	271578	
CLASS	02-04	



1459, M.I.E., PART-II, BAHADURGARH-124507 [HARYANA], INDIA [AN INDIAN PRIVATE LIMITED COMPANY]

REGISTRATION 21/04/2015	
TITLE FOOTWEAR	₹



PRIORITY NA

DESIGN NUMBER	273396	
CLASS	21-01	

1)MINJAL INC., A COMPANY REGISTERED UNDER THE LAWS OF THE STATE OF NEW YORK, UNITED STATES AND HAVING OFFICE AT

 $155~\rm WEST, 29TH$ STREET, 2ND FLOOR, SUITE B6, NEW YORK, NY 10001

DATE OF REGISTRATION	07/07/2015	
TITLE	TOY	



DESIGN NUMBER	270656
CLASS	15-99

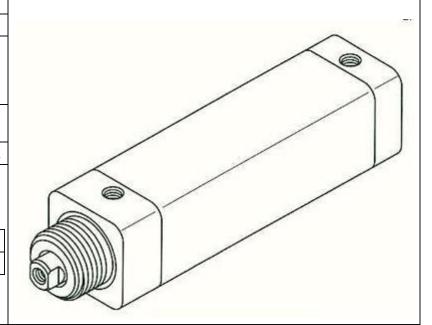
1)SMC CORPORATION, A JAPANESE CORPORATION OF

14-1, SOTOKANDA 4-CHOME, CHIYODA-KU, TOKYO 101-0021, JAPAN

DATE OF REGISTRATION	27/03/2015
TITLE	FLUID PRESSURE CYLINDER



PRIORITY NUMBER	DATE	COUNTRY
2014-021951	02/10/2014	JAPAN



	271245	
CLASS 08-09		

1)DILIPBHAI DAMJIBHAI DARANIA AN INDIAN NATIONAL HAVING ADDRESS

17, GOLDEN PLAZA, GROUND FLOOR, TAGORE ROAD, RAJKOT-360001, GUJARAT-INDIA

DATE OF REGISTRATION	08/04/2015	
TITLE	MAGNETIC DOOR CATCHER SET	



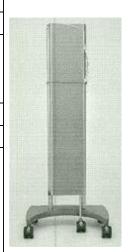
DESIGN NUMBER	236034	
CLASS	06-06	

1)DAG GOERANSON

VIKINGATAN 11, S-311 32, FALKENBERG, SWEDEN SWEDISH NATIONAL AND OERJAN GOERANSON OF THOMAS THORIDSVAEG 3, S-31 40, FALKENBERG, SWEDEN SWEDISH NATIOAL

DATE OF REGISTRATION	08/04/2011	
TITLE	SCREEN ON TROLLY (SET)	

PRIORITY NUMBER	DATE	COUNTRY
001238968-004	09/10/2010	OHIM



DESIGN NUMBER	271442	
CLASS	13-03	
1)ABB OY, A COMPANY OF FINLAND		

OF STRÖMBERGINTIE 1, FI-00380 HELSINKI, FINLAND

DATE OF REGISTRATION	16/04/2015	
TITLE	SWITCH	



PRIORITY NUMBER	DATE	COUNTRY
002558247-0002	16/10/2014	OHIM

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	Dep	A		
1	P			
	20		//	

DESIGN NUMBER	273129	
CLASS	03-01	

1)SPEED DOT,

B-40, TYAGI VIHAR, NANGLOI, NANGLOI METRO STATION, NEW DELHI-110041, INDIA (AN INDIAN PROPRIETORSHIP FIRM WHOSE PROPRIETOR IS:- SH. CHANDER SHEKHAR AN INDIAN NATIONAL OF THE ABOVE ADDRESS

DATE OF REGISTRATION	26/06/2015	
TITLE	HAND BAG	



PRIORITY NA

DESIGN NUMBER	271807
CLASS	23-04

1)CROMPTON GREAVES LIMITED,

CG HOUSE, 6TH FLOOR, DR. ANNIE BESANT ROAD, WORLI, MUMBAI - 400030, MAHARASHTRA, INDIA; AN INDIAN COMPANY

DATE OF REGISTRATION	29/04/2015	
TITLE	FAN	



DESIGN NUMBER	268342	
CLASS	25-02	
BUSINESS AT #136, SAKALAWARA CH	E INDUSTRIES. HAVING PLACE OF ROSS, BANNERGHATTA ROAD, SY. E, BANGALORE-560083, AND	
DATE OF REGISTRATION	22/12/2014	
TITLE	DOOR PANEL	
PRIORITY NA		
DESIGN NUMBER	270653	
CLASS	15-99	
	A JAPANESE CORPORATION OF HOME, CHIYODA-KU, TOKYO 101-0021,	
DATE OF REGISTRATION	27/03/2015	
TITLE	FLUID PRESSURE CYLINDER	
PRIORITY	'	0

COUNTRY

JAPAN

DESIGN NUMBER	ESIGN NUMBER 271217			
CLASS 15-02				
1)BITZER KUEHLMASCHINENBAU GMBH,				
A LIMITED LIABILITY COMPANY INCORPORATED UNDER THE				

DATE

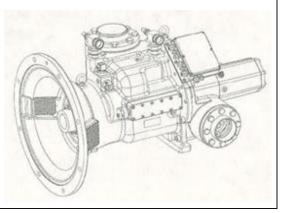
02/10/2014

PRIORITY NUMBER

2014-021948

A LIMITED LIABILITY COMPANY INCORPORATED UNDER THE LAWS OF GERMANY, OF THE ADDRESS ESCHENBRUENNLESTRASSE 15, 71065 SINDELFINGEN, GERMANY

DATE OF REGISTRATION	N 07/04/2015		
TITLE COMPRESSOR		ESSOR	
PRIORITY			
PRIORITY NUMBER		DATE	COUNTRY
002555714-0001		13/10/2014	OHIM



DEGLES VALUE OF DE			250 422	
DESIGN NUMBER			270432	
CLASS 25-03				
1)MR. RAHUL L. PAWAR CEMENT ARTICLES HAVI PLOT NO. B-7/18, MIDC I MAHARASHTRA INDIA.	NG ITS PRI	NCIPAL PLACE	OF BUSINESS	The state of the s
DATE OF REGISTRATION		19	9/03/2015	
TITLE		PORTABLE SA	NITARY TOILET UNIT	
PRIORITY NA				
DESIGN NUMBER			272985	
CLASS			23-02	
1)RECKITT BENCKISER INCORPORATED IN THE S OF MORRIS CORPORAT PARSIPPANY, NEW JERSEY	STATE OF DE E CENTER I	DELAWARE, U.S. V, 399 INTERPAC TED STATES OF	A. E PARKWAY, AMERICA	
DATE OF REGISTRATION			3/06/2015	
TITLE	TTLE DISPENSER			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
002608588-0001 06/01/2015 OHIM				
DESIGN NUMBER		271801		
CLASS		07-02		
1)MR. VIKRAM MOHANI HAVING HIS ADDRESS AT 144/B, CHIMLI PHATA, V HIGHWAY, NEAR CHAKAN	' 'ILLAGE KU	JRULI, PUNE NA	SHIK	



29/04/2015

TIFFIN BOX

DATE OF

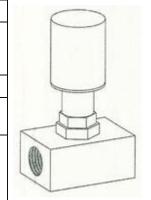
TITLE

REGISTRATION

DESIGN NUMBER	267727
CLASS	12-16
1)NOBY ERALIL ABI, HAVING ADDRESS AT	

ERALIL HOUSE, LPS ROAD, PALLINADA, PALARIVATTOM, P.O., KOCHI-682025, KERALA, INDIA

DATE OF REGISTRATION	26/11/2014
TITLE	FUEL REGULATING VALVE ASSEMBLY FOR VEHICLES



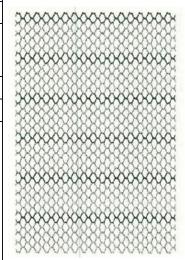
PRIORITY NA

DESIGN NUMBER	269973
CLASS	24-01
1) IOHNSON & IOHNSON MEDICAL CMRH A COMPANY ORGANIZED	

1)JOHNSON & JOHNSON MEDICAL GMBH, A COMPANY ORGANIZED UNDER THE LAWS OF GERMANY OF

ROBERT-KOCH-STRASSE 1, 22851 NORDERSTEDT, GERMANY

DATE OF REGISTRATION	27/02/2015	
TITLE	SURGICAL MESH IMPLANT	



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
001419972-0004	29/08/2014	OHIM

DESIGN NUMBER	270902	
CLASS	24-02	

1)PARYAVARAN SOLUTIONS, #1757/18, 7-R, HEERA BAGH, JAGRAON-142026 DISTT. LUDHIANA (PB) INDIA

AN INDIAN PROPRIETORSHIP FIRM WHOSE PROPRIETOR IS :-SUNIL AGGARWAL BEING INDIAN NATIONALS OF THE ABOVE ADDRESS

DATE OF REGISTRATION	01/04/2015
TITLE	DEVICE FOR TREATMENT OF LIQUID MEDICAL WASTE



DESIGN NUMBER	273279		
CLASS			
1)SANDVIK INTELLECTUAL I SE-811 81 SANDVIKEN, SWED	EN, A SWEDISH COM		
DATE OF REGISTRATION	0	01/07/2015	
TITLE	TORQ	QUE WRENCH	
PRIORITY	_		
PRIORITY NUMBER	DATE	COUNTRY	
001430391	20/02/2015	OHIM	
DESIGN NUMBER		70654	4
CLASS		15-99	
1)SMC CORPORATION, A JAP 14-1, SOTOKANDA 4-CHOME,	CHIYODA-KU, TOKYO	O 101-0021, JAPAN	
DATE OF REGISTRATION		03/2015	
TITLE	FLUID PRESS	SURE CYLINDER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2014-021949	02/10/2014	JAPAN	
DESIGN NUMBER	26	69915	
CLASS	3	80-99	
1)PEST CONTROL (INDIA) PV NARAYANI, 4TH FLOOR, AM GOREGAON (WEST), MUMBAI 40	BABAI TEMPLE COMP 00062, MAHARASHTRA	OUND, AAREY ROAD, A, INDIA	
DATE OF REGISTRATION		02/2015	1 1 /
TITLE	BIRI	D SPIKE	
PRIORITY NA			

DESIGN NUMBER	271243
CLASS	08-06

1)BHARATBHAI BHURABHAI DOMADIA AN INDIAN NATIONAL HAVING HIS PRINCIPAL PLACE OF BUSINESS AT

5, AJI VASAHAT, OPP. WESTERN MINERAL, 80 FEET ROAD, RAJKOT, GUJARAT-INDIA

DATE OF REGISTRATION	08/04/2015	
TITLE	HANDLE	



PRIORITY NA

DESIGN NUMBER	271435
CLASS	23-04

1) CROMPTON GREAVES LIMITED,

CG HOUSE, 6TH FLOOR, DR. ANNIE BESANT ROAD, WORLI, MUMBAI - 400030, MAHARASHTRA, INDIA; AN INDIAN COMPANY

DATE OF REGISTRATION	16/04/2015
TITLE	CEILING FAN



PRIORITY NA

DESIGN NUMBER	272988	
CLASS	23-02	

1)RECKITT BENCKISER LLC, A LIMITED LIABILITY COMPANY INCORPORATED IN THE STATE OF DELAWARE, U.S.A.

OF MORRIS CORPORATE CENTER IV, 399 INTERPACE PARKWAY, PARSIPPANY, NEW JERSEY 07054, UNITED STATES OF AMERICA

DATE OF REGISTRATION	23/06/2015	
TITLE	DISPENSER	

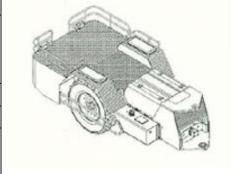
PRIORITY NUMBER	DATE	COUNTRY
002608588-0004	06/01/2015	OHIM

DESIGN NUMBER	263419
CLASS	12-16

1)R. N. GUPTA & COMPANY LIMITED, (AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956), HAVING ITS OFFICE AT

UNIT-II, GT ROAD, TEHSIL PAYAL, DORAHA-141421

DATE OF REGISTRATION	17/06/2014	
TITLE	REAR BONNET COVER OF CRANE	



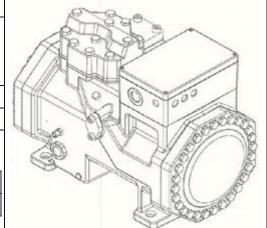
PRIORITY NA

DESIGN NUMBER	271215	
CLASS	15-02	
	•	

1)BITZER KUEHLMASCHINENBAU GMBH,

A LIMITED LIABILITY COMPANY INCORPORATED UNDER THE LAWS OF GERMANY, OF THE ADDRESS ESCHENBRUENNLESTRASSE 15, 71065 SINDELFINGEN, GERMANY

DATE OF REGISTRATION	07/04/2015	
TITLE	COMPRESSOR	



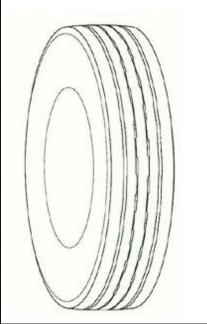
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002555896-0010	13/10/2014	OHIM

	DESIGN NUMBER	272719 12-15	
	CLASS		
1) COMPACNIE CENEDALE DES ETADLISSEMENTS MICHELIN A EDENC		ETADI ICCEMENTO MICHELINI A EDENCHI	

1)COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, A FRENCH COMPANY OF 12 COURS SABLON- F-63000, CLERMONT-FERRAND, FRANCE, AND MICHELIN RECHERCHE ET TECHNIQUE S.A., A SWISS COMPANY OF ROUTE LOUIS- BRAILLE 10-CH-1763 GRANGES-PACCOT, SWITZERLAND

DATE OF REGISTRATION	15/06/2015	
TITLE	PNEUMATIC TYRE	



PRIORITY NUMBER	DATE	COUNTRY
002598789-0001	16/12/2014	OHIM

DESIGN NUMBER	272959
CLASS	14-99

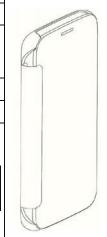
1)SAMSUNG ELECTRONICS CO., LTD.

129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742, REPUBLIC OF KOREA, A COMPANY OF REPUBLIC OF KOREA

DATE OF REGISTRATION	22/06/2015
TITLE	COVER FOR MOBILE PHONE



16/02/2015



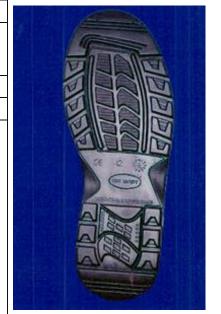
DESIGN NUMBER	271189
CLASS	02-04

1)MOHAMMED SALEEM AN INDIAN NATIONAL, TRADING AS M/S. DAATA LEATHER EXPORTS,

ARAZI NO-11, JHAKODIA COMPOUND, POKHARPUR, JAJMAU, KANPUR, U.P.

REPUBLIC OF KOREA

DATE OF REGISTRATION	07/04/2015
TITLE	SOLE OF SHOE



PRIORITY NA

30-2015-0008480

DESIGN NUMBER	270928
CLASS	31-00

1)GROUPE SEB INDIA PRIVATE LIMITED

A-25, FIRST FLOOR, MOHAN CO-OPERATIVE INDUSTRIAL AREA, NEW DELHI- 110 044, DELHI, INDIA

DATE OF REGISTRATION	02/04/2015	
TITLE	MIXER GRINDER	



DESIGN NUMBER	271527
CLASS	28-03

1)KONINKLIJKE PHILIPS N.V., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE KINGDOM OF THE NETHERLANDS,

RESIDING AT EINDHOVEN, WHOSE POST-OFFICE ADDRESS IS HIGH TECH CAMPUS 5, 5656 AE EINDHOVEN, THE NETHERLANDS

DATE OF REGISTRATION	20/04/2015	
TITLE	SHAVER	



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002563486-0001	24/10/2014	OHIM



DESIGN NUMBER	271746
CLASS	22-06

1)HI-TECH NATURAL PRODUCTS (INDIA) LTD.

205, JAWAHAR GALI, FARSH BAZAR, SHAHDARA, DELHI-110 032, INDIAN, INDIAN NATIONAL

DATE OF REGISTRATION	27/04/2015
TITLE	HONEY BEE EXCLUDER



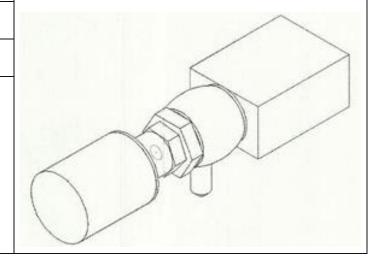
PRIORITY NA

DESIGN NUMBER	267728
CLASS	12-16
1)NOBY ERALIL ABI, HAVING ADDRESS AT	

ERALIL HOUSE, LPS ROAD, PALLINADA,

PALARIVATTOM, P.O., KOCHI-682025, KERALA, INDIA

DATE OF REGISTRATION	26/11/2014
TITLE	FUEL REGULATING VALVE ASSEMBLY FOR VEHICLES



DESIGN NUMBER		269974	
CLASS		24-01	55565666666666666666666666666666666666
1) JOHNSON & JOHNSON MED UNDER THE LAWS OF GERMAN ROBERT-KOCH-STRASSE 1, 2:	NY OF		
DATE OF REGISTRATION	2	7/02/2015	***************************************
TITLE	SURGICAL	L MESH IMPLANT	*************************************
PRIORITY			***************************************
PRIORITY NUMBER	DATE	COUNTRY	38888888888888
001419972-0005	29/08/2014	OHIM	38888888888888

DESIGN NUMBER		271062	
CLASS		11-02	
	ACE OF BUSINESS AT ADDRESS:- AL ESTATE-1, NEAR UMIYA MATA MANDIR, , GUJARAT-INDIA 06/04/2015		HHHH
TITLE	GARDEN POT (FOR GARDENING USE)	THE TANK
PRIORITY NA			
DESIGN NUMBER		270909	
CLASS		12-16	
1)TORY TECHNO, INC., A JAPA 8-2-108, 1-CHOME, HAKUSAN 2260006 JAPAN			
DATE OF REGISTRATION	0	1/04/2015	
TITLE		WINDSHIELD FOR A FORCYCLE	
PRIORITY			
PRIORITY PRIORITY NUMBER	DATE	COUNTRY	
	DATE 21/11/2014	COUNTRY JAPAN	

DESIGN NUMBER	271504
CLASS	05-05
ADDRESS IS- BASEMENT, MIHIR TOW	-COMMERCE PVT. LTD. WHOSE VER, OPP. HIRABHAI TOWER, VAGAR, AHMEDABAD-380008,
DATE OF REGISTRATION	17/04/2015
TITLE	TEXTILE FABRIC
PRIORITY NA	
DESIGN NUMBER	263704
CLASS	12-16
ADDRESS IS	APOLLO BUNDER, MUMBAI 400001, 26/06/2014
TITLE	FRAME FOR CRANE
PRIORITY NA	
DESIGN NUMBER	270482
CLASS	06-11
COMPANY INCORPORATE 1956, HAVING ADDRESS A	& SONS INDIA PVT. LTD., A ED UNDER THE COMPANIES ACT, T UNA KARAN ROAD, ALLEPPEY-
DATE OF REGISTRATION	23/03/2015
TITLE	DOOR MAT
PRIORITY NA	

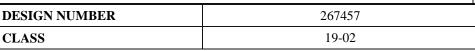
DESIGN NUMBER	273184
CLASS	09-01
1)HAHNEMANN'S JAC OLIVOL GROUP OF PRODUCTS LLP, AN INDIAN	
LIMITED LIABILITY PARTNERSHIP FIRM HAVING ADDRESS AT	
285, B.B. GANGULY STREET, KO	DLKATA-700012, WEST BENGAL, INDIA

,	
DATE OF REGISTRATION	29/06/2015
TITLE	BOTTLE



PRIORITY NA

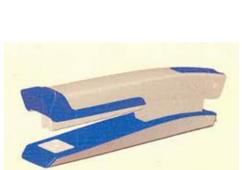
DESIGN NUMBER	2	272519
CLASS	14-02	
1)SOMFY SAS, A JOINT STOCK COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF FRANCE, OF 50, AVENUE DU NOUVEAU MONDE, F-7 4300 CLUSES, FRANCE		
DATE OF REGISTRATION	03/06/2015	
TITLE	DATA TRANSMISSION DEVICE	
PRIORITY		
PRIORITY NUMBER	DATE	COUNTRY
DM/085142	12/12/2014	WIPO
DESIGN NUMBER	267457	



1)KANIN (INDIA) AT B-XXX-6754, FOCAL POINT, LUDHIANA-141010, PUNJAB, INDIA, AN INDIAN PARTNERSHIP FIRM, WHOSE PARTNERS ARE ARIHANT JAIN, VISHWA JAIN, MS. NEELAM JAIN, AMBRISH JAIN, GAUTAM JAIN AND AMIT JAIN (ALL INDIAN NATIONALS) HAVING THEIR ADDRESS OF

B-XXX-6754, FOCAL POINT, LUDHIANA-141010, PUNJAB

DATE OF REGISTRATION 17/11/2014		2014	
TITLE		STAPLER	
PRIORITY			
PRIORITY NUMBER		DATE	COUNTRY
002534370		10/09/2014	OHIM



DESIGN NUMBER	270655
CLASS	15-99

1)SMC CORPORATION, A JAPANESE CORPORATION OF

14-1, SOTOKANDA 4-CHOME, CHIYODA-KU, TOKYO 101-0021, JAPAN

DATE OF REGISTRATION	27/03/2015
TITLE	FLUID PRESSURE CYLINDER

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2014-021950	02/10/2014	JAPAN

DESIGN NUMBER	269543
CLASS	11-02

1)MUKESH KUMAR JAIN S/O LATE PREM KUMAR JAIN TRADING AS M/S SHOBHNA ENTERPRISES HAVING ITS OFFICE AT

288, JAIN NAGAR, KHERA NEAR JAIN TEMPLE, FIROZABAD (U.P.), BY NATIONALITY INDIAN, OF THE ABOVE ADDRESS

DATE OF REGISTRATION	12/02/2015
TITLE	FISH BOWL

PRIORITY NA

DESIGN NUMBER	271244
CLASS	08-09

1)DILIPBHAI DAMJIBHAI DARANIA AN INDIAN NATIONAL HAVING ADDRESS

17, GOLDEN PLAZA, GROUND FLOOR, TAGORE ROAD, RAJKOT-360001, GUJARAT-INDIA

DATE OF REGISTRATION	08/04/2015
TITLE	DOOR MAGNET SET

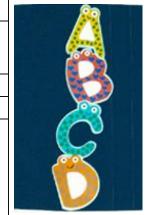


DESIGN NUMBER	272994
CLASS	08-06

1)DILIP ENTERPRISES IS A PROPRIETORSHIP FIRM OF

11, RUPAL 2ND ESTATE, 1ST FLOOR, OPP NAGAR WALA OIL DEPOT, BHATWADI, GHATKOPAR (W), MUMBAI-84, MAHARASHTRA, INDIA

DATE OF REGISTRATION	23/06/2015
TITLE	DOOR HANDLES



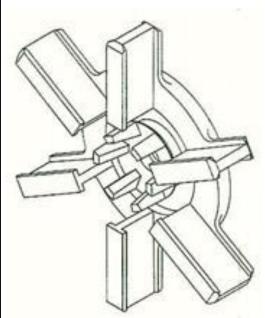
PRIORITY NA

DESIGN NUMBER	263479
CLASS	15-09

1)SINTOKOGIO, LTD., A JAPANESE COMPANY OF

11-11, NISHIKI 1-CHOME, NAKA-KU, NAGOYA-SHI, AICHI 4600003, JAPAN

DATE OF REGISTRATION	18/06/2014
TITLE	IMPELLER BLADE FOR SHOTBLAST
	MACHINE



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2014-000415	13/01/2014	JAPAN

DESIGN NUMBER	BER 271446	
CLASS 13-03		
1)ABB OY, A COMPANY OF FINLAND OF STRÖMBERGINTIE 1, FI-00380 HELSINKI, FINLAND		
DATE OF REGISTRATION 16/04/2015		
TITLE	SWITCH	

I MOMI I		
PRIORITY NUMBER	DATE	COUNTRY
002558247-0005	16/10/2014	OHIM

DESIGN NUMBER	270133
CLASS	10-05

1)DIRECTOR GENERAL, DEFENCE RESEARCH DEVELOPMENT ORGANIZATION, MINISTRY OF DEFENCE, GOVERNMENT OF INDIA,

ROOM NO. 348, B WING, DRDO BHAWAN, RAJAJI MARG, NEW DELHÍ-110105, INDIA

DATE OF REGISTRATION	04/03/2015
TITLE	TOOL FOR HOLDING GRIP FOR TENSILE TEST OF CARBON AND GRAPHITE MATERIAL



PRIORITY NA

DESIGN NUMBER	273091
CLASS	26-03

1)DEVENDER SINGHAL, NEETU SINGHAL (DIRECTOR), NATIONALITY INDIAN TRADING AS M/S. POTENT WATER CARE PVT. LTD. WHOSE ADDRESS IS

SHOP NO. 32, DDA MARKET, G-29, SECTOR-3, ROHINI, DELHI-110085, INDIA

DATE OF REGISTRATION	25/06/2015
TITLE	UNDER WATER LIGHT
I	



PRIORITY NA

DESIGN NUMBER	273178
CLASS	15-99

1)RAVINDER SHARMA,

505/5A, VIKAS NAGAR, BACKSIDE STADIUM, PAKHOWAL ROAD, LUDHIANA, PUNJAB, INDIA AN INDIAN OF THE ABOVE ADDRESS

DATE OF REGISTRATION	29/06/2015
TITLE	SCANNER FOR DETECTING ENERGY IN BUILDINGS
	•

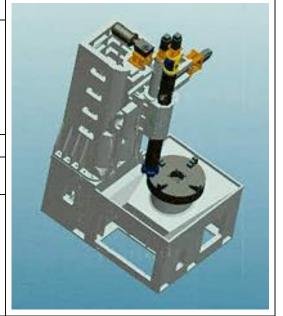


DESIGN NUMBER	263531
CLASS	15-09

1)JAYENDRABHAI SAGPARIYA AND PIYUSHBHAI SAGPARIYA BOTH INDIAN NATIONAL PARTNERS OF YANTRANG PRECISE AN INDIAN PARTNERSHIP FIRM HAVING ITS PRINCIPAL PLACE OF **BUSINESS AT ADDRESS:**

NH-8B, GONDAL ROAD, OPP, PARIN FURNITURE, INSIDE FROM RAILWAY CROSSING, GOVIND BAG, KOTHARIYA, RAJKOT-360006, GUJARAT-INDIA

DATE OF REGISTRATION	19/06/2014
TITLE	COMPUTER NUMERIC CONTROL (CNC) TURNING CENTER



PRIORITY NA

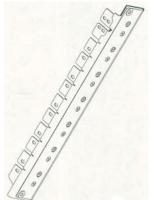
DESIGN NUMBER	271815
CLASS	13-03

1) GENERAL ELECTRIC COMPANY,

AN ORGANIZATION REGISTERED UNDER THE LAWS OF UNITED STATES OF AMERICA, AND HAVING ITS OFFICE AT 1 RIVER ROAD, SCHENECTADY, NEW YOUR 12345 UNITED STATES OF AMERICA

DATE OF REGISTRATION	29/04/2015
TITLE	BUSBAR

PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	(9)
29/508538	07/11/2014	U.S.A.	Zle



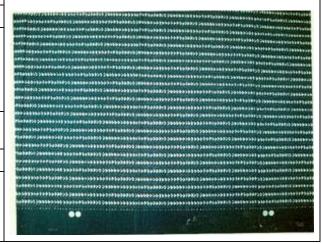
DESIGN NUMBER	271458
CLASS	05-05

1)PARRY MURRAY & CO. LTD., COMPANY REGISTERED UNDER THE LAWS OF ENGLAND AND WALES, HAVING ITS PRINCIPAL PLACE OF BUSINESS AT

3RD FLOOR, SIMPSON HOUSE, 6 CHERRY ORCHARD ROAD, CROYDON, CRO 6BA, UNITED KINGDOM

DATE OF REGISTRATION	16/04/2015
TITLE	TEXTILE FABRIC



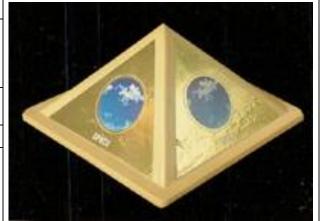


DESIGN NUMBER	273180
CLASS	11-02

1) RAVINDER SHARMA,

505/5A, VIKAS NAGAR, BACKSIDE STADIUM, PAKHOWAL ROAD, LUDHIANA, PUNJAB, INDIA AN INDIAN OF THE ABOVE ADDRESS

DATE OF REGISTRATION	29/06/2015
TITLE	DECORATIVE PYRAMID



PRIORITY NA

DESIGN NUMBER	272463
CLASS	16-06

1)ALPHA PRIMITUS, INC A CORPORATION INCORPORATED UNDER THE LAWS OF BRITISH VIRGIN ISLANDS, HAVING ITS OFFICE AT

30 DE CASTRO STREET, WICKHAM'S CAY 1, P.O. BOX 4519, ROAD TOWN, TORTOLA, BRITISH VIRGIN ISLANDS

DATE OF REGISTRATION	02/06/2015
TITLE	EYEWEAR



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/513,464	31/12/2014	U.S.A.

DESIGN NUMBER	263595
CLASS	24-01

1)ORA, INC., A CORPORATION ORGANIZED IN THE COMMONWEALTH OF MASSACHUSETTS (UNITED STATES OF AMERICA),

300 BRICKSTONE SQUARE, 3RD FLOOR, ANDOVER, MASSACHUSETTS 01810, USA

DATE OF REGISTRATION		23/06/2	014
TITLE	EYECUP FOR A PORTABLE OPHTHALMOSCOPE		
PRIORITY			
PRIORITY NUMBER		DATE	COUNTRY
29/477,540		23/12/2013	U.S.A.



DESIGN NUMBER	267456
CLASS	19-02

1)KANIN (INDIA) AT B-XXX-6754, FOCAL POINT, LUDHIANA-141010, PUNJAB, INDIA, AN INDIAN PARTNERSHIP FIRM, WHOSE PARTNERS ARE ARIHANT JAIN, VISHWA JAIN, MS. NEELAM JAIN, AMBRISH JAIN, GAUTAM JAIN AND AMIT JAIN (ALL INDIAN NATIONALS) HAVING THEIR ADDRESS OF

B-XXX-6754, FOCAL POINT, LUDHIANA-141010, PUNJAB

DATE OF REGISTRATION	17/11/2014		
TITLE	STAPLER		
PRIORITY			
PRIORITY NUMBER		DATE	COUNTRY
002533299		08/09/2014	OHIM

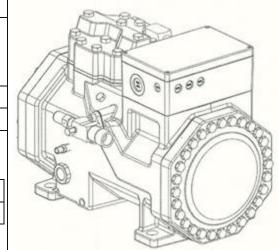


DESIGN NUMBER	271216
CLASS	15-02

1)BITZER KUEHLMASCHINENBAU GMBH

A LIMITED LIABILITY COMPANY INCORPORATED UNDER THE LAWS OF GERMANY, OF THE ADDRESS ESCHENBRUENNLESTRASSE 15, 71065 SINDELFINGEN, GERMANY

DATE OF REGISTRATION	07/04/2015
TITLE	COMPRESSOR



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002555896-0011	13/10/2014	OHIM

DESIGN NUMBER	272978
CLASS	09-03

1)RANGASWAMY GOUNDER PONNUSWAMY, AN INDIAN NATIONAL, WHOSE ADDRESS IS

NO: 158-A, VYSIAL STREET, COIMBATORE-641001, TAMILNADU, INDIA

DATE OF REGISTRATION	23/06/2015
TITLE	CONTAINER



DESIGN NUMBER	272391	
CLASS	09-01	
1)D. S. KAPOOR (AN INDIAN NATIONAL), AT-2305-2306, M.I.E., BAHADURGARH, HARYANA-124507		
DATE OF REGISTRATION 27/05/2015		
TITLE	JAR	



PRIORITY NA

DESIGN NUMBER	271213
CLASS	15-02

1)BITZER KUEHLMASCHINENBAU GMBH

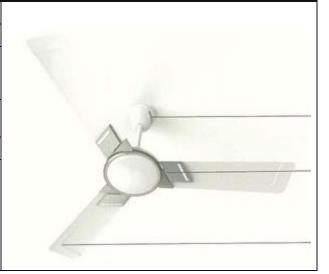
A LIMITED LIABILITY COMPANY INCORPORATED UNDER THE LAWS OF GERMANY, OF THE ADDRESS ESCHENBRUENNLESTRASSE 15, 71065 SINDELFINGEN, GERMANY

DATE OF REGISTRATION	07/04/2015
TITLE	COMPRESSOR
	_

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002555896-0002	13/10/2014	OHIM

DESIGN NUMBER	272262	
CLASS	23-04	
1)KHAITAN (INDIA) LIMITED, AN INDIAN COMPANY OF 46C, JAWAHAR LAL NEHRU ROAD, KOLKATA 700071, WEST BENGAL, INDIA		
DATE OF REGISTRATION	21/05/2015	
TITLE	CEILING FAN	

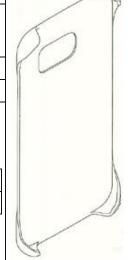


DESIGN NUMBER	272953
CLASS	14-99

1)SAMSUNG ELECTRONICS CO., LTD.

129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742, REPUBLIC OF KOREA, A COMPANY OF REPUBLIC OF KOREA

DATE OF REGISTRATION	22/06/2015
TITLE	COVER FOR MOBILE PHONE



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2015-0008458	16/02/2015	REPUBLIC OF KOREA

DESIGN NUMBER	258818
CLASS	09-05

1)CADILA HEALTHCARE LTD.

SARKHEJ-BAVLA, N.H. NO. 08A, MORAIYA, TAL. SANAD, AHMEDABAD-382210, INDIAN

DATE OF REGISTRATION	18/12/2013
TITLE	PACKAGING STRIP FOR TABLETS



PRIORITY NA

DESIGN NUMBER	271262
CLASS	04-02

1)UNILEVER PLC, A COMPANY REGISTERED IN ENGLAND AND WALES UNDER COMPANY NO. 41424 OF

UNILEVER HOUSE, 100 VICTORIA EMBANKMENT, LONDON, EC4Y 0DY, UNITED KINGDOM

DATE OF REGISTRATION	08/04/2015
TITLE	TOOTHBRUSH



PRIORITY NUMBER	DATE	COUNTRY
002559427-0005	17/10/2014	OHIM



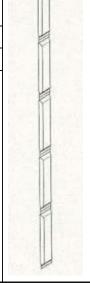
DESIGN NUMBER	236168
CLASS	09-03
1)FOCKE & CO (CMRH & CO KC)	

SIEMENSSTRASSE 10, 27283 VERDEN, GERMANY

DATE OF REGISTRATION	18/04/2011	
TITLE	CIGARETTE PACKETS	

PRIORITY

- 1	IMOMII		
	PRIORITY NUMBER	DATE	COUNTRY
	DM/074735	18/10/2010	WIPO

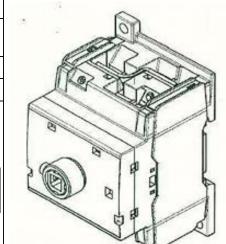


DESIGN NUMBER	271444	
CLASS	13-03	

1)ABB OY, A COMPANY OF FINLAND

OF STRÖMBERGINTIE 1, FI-00380 HELSINKI, FINLAND

DATE OF REGISTRATION	16/04/2015	
TITLE	SWITCH	



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002558247-0004	16/10/2014	OHIM

DESIGN NUMBER	273175
CLASS	11-02

1) RAVINDER SHARMA,

505/5A, VIKAS NAGAR, BACKSIDE STADIUM, PAKHOWAL ROAD, LUDHIANA, PUNJAB, INDIA AN INDIAN OF THE ABOVE ADDRESS

DATE OF REGISTRATION	29/06/2015
TITLE	DECORATIVE PYRAMID



DESIGN NUMBER		270755	
CLASS	09-01		- P
1)HEXAGON RAGASCO AS, POSTBOKS 50, 2831 RAUFOSS,	NORWAY		3
DATE OF REGISTRATION	30	0/03/2015	
TITLE	GAS	CONTAINER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
20140878	30/09/2014	NORWAY	
DESIGN NUMBER		271260	
CLASS		04-02	
1)UNILEVER PLC, A COMPANY UNDER COMPANY NO. 41424 OF UNILEVER HOUSE, 100 VICTO UNITED KINGDOM	RIA EMBANKMENT, I	ONDON, EC4Y 0DY,	
DATE OF REGISTRATION		3/04/2015	
TITLE	TOC	THBRUSH	
PRIORITY PRIORITY NUMBER 002559427-0003	DATE 17/10/2014	COUNTRY OHIM	
DESIGN NUMBER		236167	
CLASS	09-03		
1)FOCKE & CO., (GMBH &CO. SIEMENSSTRASSE 10, 27283 V			
DATE OF REGISTRATION	18	3/04/2011	9 11 15 15 15
TITLE	CIGARE	TTE PACKETS	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
DM/074735	18/10/2010	WIPO	

DESIGN NUMBER	273047
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	24/06/2015	
TITLE	TEXTILE FABRIC	



PRIORITY NA

DESIGN NUMBER	273161
CLASS	08-06

1)MAHESHBHAI SHIVABHAI GAJERA AN INDIAN NATIONAL HAVING HIS PRINCIPAL PLACE OF BUSINESS AT

K-1, 242/17, B/4 MEL-TECH, NEAR TURBO BEARING, AJI VASAHAT GIDC, RAJKOT-360002, GUJARAT-INDIA

DATE OF REGISTRATION	26/06/2015	
TITLE	HANDLE	

263484



PRIORITY NA

DESIGN NUMBER

CLASS	SS 10-02	
1)ROLEX SA, A JOINT STOCK COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF SWITZERLAND, OF 3-5-7, RUE FRANÇOIS-DUSSAUD, GENEVA, SWITZERLAN		
DATE OF REGISTRATION	19/06/2014	
TITLE	WRISTWATCH	
PRIORITY		
PRIORITY NUMBER	DATE	COUNTRY
140343	20/12/2013	SWITZERLAND



DESIGN NUMBER	263956	
CLASS	08-07	

1)ARUN ENTERPRISES, B-48, SITE-4, INDUSTRIAL AREA, SAHIBABAD, DISTT.-GHAZIABAD-201010, U.P., INDIA.

(AN INDIAN PARTNERSHIP FIRM WHOSE PARTNERS ARE:- SH. TARUN DHIR, SH. ARUN DHIR, SH. C. L. DHIR, AN INDIAN NATIONAL OF THE ABOVE ADDRESS

DATE OF REGISTRATION	10/07/2014
TITLE	LATCH FOR LOCKING & SEALING ARRANGEMENT OF ELECTRICAL BOX



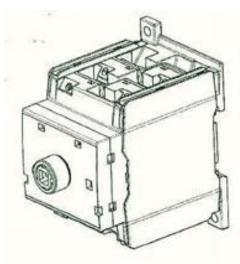
PRIORITY NA

DESIGN NUMBER	270457
CLASS 12-16	
1)MAHINDRA & MAHINDRA LTD. GATEWAY BUILDING, APOLLO BUNDER, MUMBAI 400 001. MAHARASHTRA. INDIAN	
DATE OF REGISTRATION	19/03/2015
TITLE	FLOOR CONSOLE FOR A VEHICLE
	I



PRIORITY NA

DESIGN NUMBER	2/1445	
CLASS	13-03	
1)ABB OY, A COMPANY OF FINLAND OF STRÖMBERGINTIE 1, FI-00380 HELSINKI, FINLAND		
DATE OF REGISTRATION	16/04/2015	
TITLE	SWITCH	



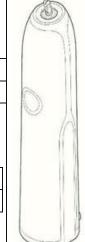
PRIORITY NUMBER	DATE	COUNTRY
002558247-0005	16/10/2014	OHIM
	•	•

DESIGN NUMBER	273057
CLASS	28-03

1)KONINKLIJKE PHILIPS N.V., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE KINGDOM OF THE NETHERLANDS,

RESIDING AT EINDHOVEN, WHOSE POST-OFFICE ADDRESS IS HIGH TECH CAMPUS 5, 5656 AE EINDHOVEN, THE NETHERLANDS

DATE OF REGISTRATION	24/06/2015	
TITLE	HANDLE FOR TOOTHBRUSH	



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002618868-0001	23/01/2015	ОНІМ

DESIGN NUMBER	273177
CLASS	11-02
CLASS	11-02

1)RAVINDER SHARMA,

505/5A, VIKAS NAGAR, BACKSIDE STADIUM, PAKHOWAL ROAD, LUDHIANA, PUNJAB, INDIA AN INDIAN OF THE ABOVE ADDRESS

DATE OF REGISTRATION	29/06/2015
TITLE	DECORATIVE PYRAMID



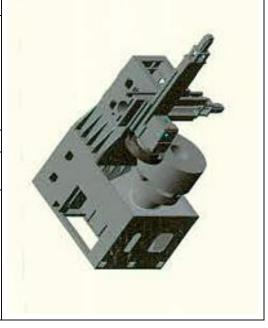
PRIORITY NA

DESIGN NUMBER	263529
CLASS	15-09

1)JAYENDRABHAI SAGPARIYA AND PIYUSHBHAI SAGPARIYA BOTH INDIAN NATIONAL PARTNERS OF YANTRANG PRECISE AN INDIAN PARTNERSHIP FIRM HAVING ITS PRINCIPAL PLACE OF BUSINESS AT ADDRESS:

NH-8B, GONDAL ROAD, OPP. PARIN FURNITURE, INSIDE FROM RAILWAY CROSSING, GOVIND BAG, KOTHARIYA, RAJKOT-360006, GUJARAT-INDIA

DATE OF REGISTRATION	19/06/2014
TITLE	COMPUTER NUMERIC CONTROL (CNC) TURNING CENTER

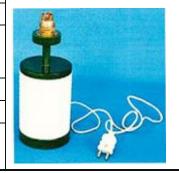


DESIGN NUMBER	271813
CLASS	26-05

1)CARBORUNDUM UNIVERSAL LIMITED, AN INDIAN COMPANY

OF PARRY HOUSE, 6TH FLOOR, NO. 43, MOORE STREET, CHENNAI 600001, **INDIA**

DATE OF REGISTRATION	29/04/2015
TITLE	LAMP BASE



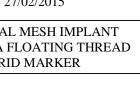
PRIORITY NA

DESIGN NUMBER	269978
CLASS	24-01

1)JOHNSON & JOHNSON MEDICAL GMBH, A COMPANY ORGANIZED UNDER THE LAWS OF **GERMANY OF**

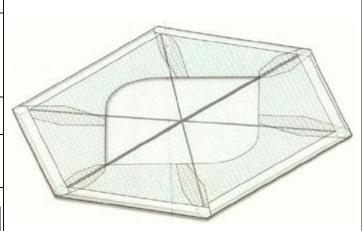
ROBERT-KOCH-STRASSE 1, NORDERSTEDT, GERMANY 22851

DATE OF REGISTRATION	27/02/2015
TITLE	SURGICAL MESH IMPLANT HAVING A FLOATING THREAD GRID MARKER





PRIORITY NUMBER	DATE	COUNTRY
001419873-0003	27/08/2014	OHIM



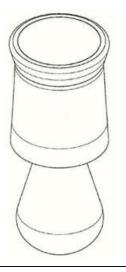
DESIGN NUMBER	271193
CLASS	04-02

1)THE GILLETTE COMPANY, A BODY CORPORATE INCORPORATED UNDER THE LAWS OF UNITED STATES OF AMERICA, HAVING ITS REGISTERED OFFICE AT

ONE GILLETTE PARK, BOSTON, MASSACHUSETTS, 02127 UNITED STATES OF AMERICA

DATE OF REGISTRATION	07/04/2015
TITLE	SHAVING BRUSH

IMONIII		
PRIORITY NUMBER	DATE	COUNTRY
29/504533	07/10/2014	U.S.A.



DESIGN NUMBER	272244
CLASS	28-03

1) UDIT AGARWAL, AN INDIAN CITIZEN,

C/O GANGA SANITARY STORE, STATION ROAD, MORADABAD-244001, UP, INDIA

DATE OF REGISTRATION	20/05/2015
TITLE	BATHROOM TUMBLER



PRIORITY NA

DESIGN NUMBER	271345
CLASS	12-11

1)ANIL KUMAR SINGH, AN INDIAN CITIZEN, RESIDENT OF PLOT NO. 294, SECTOR-39, GURGAON, HARYANA, INDIA

DATE OF REGISTRATION	13/04/2015
TITLE	SOLAR/BATTERY OPERATED TROLLEY



DESIGN NUMBER	271543	
CLASS	03-01	
1)ANKURBHAI B. BHUT HAVI SHRI HARI INDUSTRIAL ARE. B, AJI RING ROAD, RAJKOT, GUJ	A MAIN ROAD, OPP. STREET NO. 5, N. H. 8-	
DATE OF REGISTRATION	20/04/2015	
TITLE	KEY HANGER	



DESIGN NUMBER	271765	
CLASS	15-07	0
1)GODREJ & BOYCE MFG. CO. L INCORPORATED UNDER THE COM OF GODREJ APPLIANCE, PLANT MUMBAI-400079, INDIA		
DATE OF REGISTRATION	28/04/2015	
TITLE	REFRIGERATOR	
PRIORITY NA		