पेटेंट कार्यालय शासकीय जर्नल

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पेटेंट कार्यालय का एक प्रकाशन PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

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

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

22ND JANUARY, 2016

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THE PATENT OFFICE KOLKATA, 22/01/2016

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पेटेंट कार्यालय

कोलकाता, दिनांक 22/01/2016

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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।

SPECIAL NOTICE

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

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

Notice is also given that if any interested person requests for copies of the complete specification, drawing and abstract of any application already published, the photocopy of the same can be supplied by the Patent Office as per the jurisdiction on payment of prescribed fees of Rs.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.

Early Publication:

The following patent applications have been published under section 11A (2) of The Patents (Amendment) Act 2005 and rule 24A of The Patents (Amendment) Rules, 2006. Any person may file representation by way of opposition to the Controller of Patents at the appropriate office against the grant of the patent in the prescribed manner under section 25(1) of the Patents (Amendment) Act 2005 read with the rule 55 of The Patents (Amendment) Rules, 2006:

(12) PATENT APPLICATION PUBLICATION	(21) Application No.157/DEL/2015 A
(19) INDIA	
(22) Date of filing of Application :19/01/2015	(43) Publication Date : 22/01/2016

(54) Title of the invention : FRESNEL LENS ON FLEXIBLE SUBSTRATE FOR PACKAGING AND OTHER APPLICATIONS AND PROCESS THEREFOR

(51) International classification	:H01S5/42	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CHATURVEDI, ASHOK
(32) Priority Date	:NA	Address of Applicant :305, THIRD FLOOR, BHANOT
(33) Name of priority country	:NA	CORNER, PAMPOSH ENCLAVE, GK-1, NEW DELHI-110048,
(86) International Application No	:NA	INDIA. Delhi India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)CHATURVEDI, ASHOK
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

The present invention provides processes (100, 200, 300, 400) for making a flexible packaging substrate having one or more Fresnel lenses (410, 602) and a product made therefrom. The said process comprises providing one or more Fresnel lenses (410, 602) on a first surface (408a, 610a) of a substrate I film (408, 61 0); and overlapping a predetermined portion (4.1 1, 603) of the Fresnel lenses (410, 602) on the substrate I film (408, 610) by printing or foil stamping. The flexible packaging substrate having one or more Fresnel lenses (410, 602) on the substrate I film (408, 610) by printing or foil stamping. The flexible packaging substrate having one or more Fresnel lenses comprises a substrate (408) having the Fresnel lens or the pattern of Fresnel lenses (410) on the first surface (408a) thereof, wherein a predetermined portion (411) of the Fresnel lenses (410) is covered to hide irregular I uneven I torn edges.

No. of Pages : 36 No. of Claims : 50

(19) INDIA

(22) Date of filing of Application :28/03/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : SYSTEM AND METHOD FOR FIRMWARE UP-GRADATION

(51) International classification	:G06F9/445	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :Larsen & Toubro Limited L&T House,
(33) Name of priority country	:NA	Ballard Estate, MUMBAI-400001, Maharashtra State, INDIA
(86) International Application No	:PCT//	Maharashtra India
Filing Date	:01/01/1900	(72)Name of Inventor :
(87) International Publication No	: NA	1)Anil Kumar Garg
(61) Patent of Addition to Application Number	:NA	2)Sandeep Pradeep Ekhe
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract Disclosed are a system (100) and a method (200) for firmware up-gradation in a protection device. The system (100) comprises a web link module (10), a server (20) and a plurality of distributed control systems (30). The system (100) and the method (200) provide a very flexible way of firmware up-gradation in a plurality of Profibus devices (105) using a Profibus communication channel from anywhere and anytime with reduced time and cost requirement. Figure 1

No. of Pages : 19 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :30/03/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : Distinct Position Lock for Withdrawable Circuit Breaker		
(51) International classification	:H01H11/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Larsen & Toubro Limited
(32) Priority Date	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED L&T
(33) Name of priority country	:NA	House, Ballard Estate, P. O. Box: 278, Mumbai 400 001, India
(86) International Application No	:PCT//	Maharashtra India
Filing Date	:01/01/1900	(72)Name of Inventor :
(87) International Publication No	: NA	1)Kapu Nagarjun
(61) Patent of Addition to Application Number	:NA	2)Prabhu Natarajan
Filing Date	:NA	3)Senthilkumar Karunanithi
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a locking mechanism (100) for a withdrawable circuit breaker (300). The locking mechanism (100) comprises a screw rod arrangement, a rotary subsystem (40) and a blocker subsystem (60). The screw rod arrangement includes a screw rod (10) and a screw lock (20). The rotary subsystem (40) includes a rotary lock (22). The rotary lock (22) allows synchronized and reliable locking of the withdrawable circuit breaker (300) and the screw rod (10) at three distinct positions namely, a service position, a test position and an isolation position. Figure 7

No. of Pages : 30 No. of Claims : 3

(21) Application No.201627000836 A

(19) INDIA

(22) Date of filing of Application :08/01/2016

(43) Publication Date : 22/01/2016

(54) Title of the invention : PROJECTOR DISPLAY SYSTEMS HAVING NON MECHANICAL MIRROR BEAM STEERING

(57) Abstract :

Dual or multi modulation display system are disclosed that comprise projector systems with at least one modulator that may employ non mechanical beam steering modulation. Many embodiments disclosed herein employ a non mechanical beam steering and/or polarizer to provide for a highlights modulator.

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

(19) INDIA

(22) Date of filing of Application :28/03/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : UNDER VOLTAGE RELEASE FOR CONTROLLING OPERATION OF A CIRCUIT BREAKER

 (33) Name of priority country (33) Name of priority country (34) NAME of priority country (35) NAME of priority country (36) International Application No (37) International Publication No (37) International Publication No (38) International Publication No (39) International Publication No (30) NAME of Inventor : (31) NAME of Inventor : (32) NAME of Inventor : (32) NAME of Inventor : (33) NAME of Inventor : (34) NAME of Inventor : (35) NAME of Inventor : (36) Patent of Addition to Application Number (37) NAME of Inventor : (37) NAME of Inventor : (38) NAME of Inventor : (39) NAME of Inventor : (31) NAME of Inventor : (32) NAME of Inventor : (33) NAME of Inventor : (34) NAME of Inventor : (35) NAME of Inventor : (36) Patent of Addition to Application Number (36) Patent of Application Number (37) Patent of Application Number (36) Patent of Application Number (37) Patent of Application Number (37) Patent of Application Number (36) Patent of Application Number (37) Patent of Application Number (37) Patent of Application Number (38) Patent of Application Number	 (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 :NA	Maharashtra India (72) Name of Inventor :
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(57) Abstract :

Disclosed is an under voltage release (200) for controlling the operation of a circuit breaker. An input supply (10) provides an input (20) to the under voltage release (200). The under voltage release (200) monitors healthiness of the input supply (10). The under voltage release (200) comprises a bridge rectifier (30), a power supply (70), a dual voltage sensing circuit (90), a signal latching circuit (120), a coil control circuit (140), an under voltage coil (150) and a visual indication means (160). The under voltage release (200) facilitates tripping of the circuit breaker during an under voltage condition. The circuit breaker is switched on when the input (20) is above a predefined percentage of the rated input voltage of the under voltage release (200). Figure 1

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

(19) INDIA

(22) Date of filing of Application :30/03/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : Signal Processing Syste	em	
(51) International classification	:H03G99/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Larsen & Toubro Limited
(32) Priority Date	:NA	Address of Applicant : LARSEN & TOUBRO LIMITED L&T
(33) Name of priority country	:NA	House, Ballard Estate, P. O. Box: 278, Mumbai 400 001, India
(86) International Application No	:PCT//	Maharashtra India
Filing Date	:01/01/1900	(72)Name of Inventor :
(87) International Publication No	: NA	1)Srinivasan Iyer
(61) Patent of Addition to Application Number	:NA	2)Haresh Pokale
Filing Date	:NA	3)Ravindra Barlingay
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a signal processing system (200). The signal processing system comprises an input protection unit (20), a voltage controlled current source (40), an amplification module (60), a power source (80), a signal conditioning circuit (100), an analog-to-digital converter (ADC) (120), a processor (140) and an output unit (160). The input protection unit (20) protects an external input signal from external abnormal conditions like surge, electrical fast transient (EFT) and noise signals. The amplification module (60) comprises of an amplifier (50) that amplifies the input signal to an appropriate measureable range and also, provides input-output isolation and channel-channel isolation. The signal processing system (200) facilitates measurement of wide range of digital input signals of field instruments. Figure 1

No. of Pages : 17 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :27/05/2015

(54) Title of the invention : AN APPARATUS/KIT FOR EARLY DETECTION AND PREVENTION OF ORAL CANCER.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:A61B10/00, A61B17/00 :NA :NA :NA	 (71)Name of Applicant : 1)DR. ZAHRA HUSSAINI Address of Applicant :B-33, NEW PETIT MANSION, SLEATER ROAD, NANA CHOWK, MUMBAI - 400 007 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. ZAHRA HUSSAINI
(87) 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 kit used for the early detection of oral cancer which consists of dual test apparatus the same consisting of a brush biopsy and a swivel biopsy. A technique to detect oral cancer which is less invasive in nature.

No. of Pages : 28 No. of Claims : 9

(22) Date of filing of Application :27/03/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR FIRMWARE UPGRADATION, DATA CONFIGURATION AND DOWNLOAD FROM CIRCUIT BREAKER RELAY

(51) International classification	·G05B15/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :Larsen & Toubro Limited L&T House,
(33) Name of priority country	:NA	Ballard Estate, MUMBAI-400001, Maharashtra State, INDIA
(86) International Application No	:PCT//	Maharashtra India
Filing Date	:01/01/1900	(72)Name of Inventor :
(87) International Publication No	: NA	1)Gaurav More
(61) Patent of Addition to Application Number	:NA	2)Ravindra Barlingay
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract The present invention provides a method for firmware upgradation, data download and configuration (150) of a circuit breaker relay. The method (150) involves updating the circuit breaker relay with the new firmware having new features and modifications using a USB port of the circuit breaker relay and a mass storage device. The method (150) facilitates zero manual error in order to download the configuration and provides a cost effective solution for upgradation of firmware and configuration settings. The method (150) also facilitates download of diagnostic data and data logs from the circuit breaker relay. Figure 1

No. of Pages : 13 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :27/11/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : FORTIFIED MILK WITH DOCOSAHEXAENOIC ACID (DHA) OMEGA-3-FATTY ACID (71)Name of Applicant : (51) International classification :C12N (31) Priority Document No :NA **1)SREEDHAR KAMMA** (32) Priority Date :NA Address of Applicant :Plot No:236, D. No: 2-23-B/236, (33) Name of priority country Bhagya Nagar Phase-3, Samatha Nagar, Opp JNTU, Near HMT :NA (86) International Application No :PCT// Hills, Kukatpally, Hyderabad-500072, Telangana, India. Filing Date :01/01/1900 Telangana India (87) International Publication No (72)Name of Inventor : : NA (61) Patent of Addition to Application Number **1)SREEDHAR KAMMA** :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Exemplary embodiments of the present disclosure are directed towards homogenised and pasteurised liquid milk and other milk products that are fortified with omega-3-fatty acids comprising docosahexaenoic acid (DHA), alpha-linolenic acid (ALA) and Eicosapentaenoic acid (EPA). Algal oil, flaxseed oil or fish oil were used as the source of omega-3-fatty acids for fortifying the milk products. Vitamins, minerals and dietary fiber are added further to enrich the fortified milk products. The sensorial and chemical parameters of the fortified milk products remained stable after fortification and they were found to have a good shelf life.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/12/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : MODIFIED HEAT TREATMENT PRACTICE FOR ENHANCED STRENGTH AND TOUGHNESS IN A MARTENSITIC STAINLESS STEEL

(51) International classification	:C21D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MISHRA DHATU NIGAM LIMITED
(32) Priority Date	:NA	Address of Applicant :KANCHANBAGH, HYDERABAD -
(33) Name of priority country	:NA	500 058, Telangana India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR.S. NARAHARI PRASAD
(87) International Publication No	: NA	2)DR.MRINAL CHATTERJEE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

The present invention involves modified heat treatment method to produce martensitic stainless steel with high strength and high toughness. The material is subjected to high temperature austenitization treatment followed by rapid cooling and tempering treatment in the phase one. In phase two, a series of thermal cycling treatment are subsequently given in the heat treatment schedule with the objective of refining the grain structure. The combined effect of the heat treatment schedules in the first and second phase results in a martensitic stainless steel which exhibits high strength and high toughness.

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

(21) Application No.6935/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :17/12/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : CORROSION RESISTANT AUSTENITIC STEEL FOR MODERATELY HIGH TEMPERATURE APPLICATIONS AND ITS PRODUCTION METHOD

(51) International classification(31) Priority Document No(32) Priority Date	:NA :NA	(71)Name of Applicant : 1)MISHRA DHATU NIGAM LIMITED Address of Applicant :KANCHANBAGH, HYDERABAD -
(33) Name of priority country(86) International Application No	:NA :NA	500 058, Telangana India (72) Name of Inventor :
Filing Date	:NA	1)MR.S. NARAHARI PRASAD
(87) International Publication No	: NA	2)DR.MRINAL CHATTERJEE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to the corrosion resistant austenitic steel alloy and its production method, where the alloy exhibiting excellent strength at the room temperature as well as at moderately high temperature environments. The alloy, consists essentially of, by weight, 0.01% to 0.10% Carbon(C), 1.35% to 1.83% Manganese(Mn), not more than 0.80% Silicon(Si), 14.8% to 17.5% Chromium(Cr), 8.23% to 13.51% Nickel(Ni), 0.06% to 0.30% Nitrogen(N), 0.30% > to 1.0% Niobium(Nb), 1.58% to 4.27% Molybdenum(Mo), not more than 0.038% Sulphur (S) and Phosphorus, and the balance essentially iron(Fe) with inevitable impurities. (to be continued with Fig. 1)

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

(21) Application No.312/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :22/01/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : PEPTIDE FOR TREATING INFLAMMATORY DISEASES •

 (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 	7/00 :NA	 (71)Name of Applicant : 1)ISSAR PHARMACEUTICALS PVT. LTD. Address of Applicant :8-2-334, Serene Chambers, 3rd Floor, Road No. 5, Avenue 7, Banjara Hills, Hyderabad 500034, Andhra Pradesh, India Andhra Pradesh India (72)Name of Inventor : 1)ISANAKA, Ram
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(57) Abstract :

- Not Applicable-

No. of Pages : 0 No. of Claims : 0

(19) INDIA

(22) Date of filing of Application :03/06/2013

(54) Title of the invention : PARTICLE BOARD MADE OF CELLULOSE NANOFIBER PREPARED FROM WATER HYACINTH

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:NA :NA :NA :NA	(71) Name of Applicant : 1) MR. VARKEY MATHEW Address of Applicant :PERUNTHAKARY, EARAYILKADAVU, KOTTAYAM P.O, KOTTAYAM DISTRICT, PIN - 686 001 Kerala India
(86) International Application No Filing Date	:NA :NA	DISTRICT, PIN - 686 001 Kerala India (72) Name of Inventor :
(87) International Publication No	: NA	1)MR. VARKEY MATHEW
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

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(57) Abstract :

A particle board made of cellulose nanofiber derived from stems, leaves flowers of Water Hyacinth (Eichornia crassipes) plants and saw dust or other fillers like china clay, having high surface to weight ratio, low density, large surface area to mass, high pore volume and very small pore size, physically and chemically stable at normal temperature and pressure, that makes it a suitable particle board material for a wide range of applications. The present invention also provides a process for making particle board of cellulose nanofiber comprising the steps of chipping the stems, leaves and flowers of Water Hyacinth into small pieces, cooking the same in alkaline medium of sodium hydroxide solution, followed by grinding the boiled mass into pulp after adding water, separating the geletaneous mass by passing the pulp through a large sieve, mixing the pulp with saw dust at the ratio of 1:1 and putting the same on mould of required size and dry it by passing constant supply of hot air.

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

(19) INDIA

(22) Date of filing of Application :05/01/2016

(43) Publication Date : 22/01/2016

(54) Title of the invention : ANIMATRONICS COW		
(51) International classification	:G08B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)D SHARMILA
(32) Priority Date	:NA	Address of Applicant : Professor and Head, Department of
(33) Name of priority country	:NA	EIE, Bannari Amman institute of Technology, Sathyamangalam-
(86) International Application No	:NA	638 401, Erode Dist, Tamilnadu Tamil Nadu India
Filing Date	:NA	2)Rajasekar L
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)D SHARMILA
Filing Date	:NA	2)Rajasekar L
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Animatronics is a cross over between animation and electronics. Basically, an animatronics is a mechanized puppet. It may be preprogrammed or remotely controlled. The focus of this project was to construct an animatronics cow and thus it is assigned with few basic functionalities of real cow such as movements of head, ear, eye lids and tail. When the Cow senses an intruder, it lifts its head up with an eye ball movement and produces the sound moo •. Once the intruder walks beyond the sensing range of the cow, it retains its original position.

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

(19) INDIA

(22) Date of filing of Application :05/01/2016

(21) Application No.201641000374 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : SMART TROLLEY		
(51) International classification	:G06Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)D SHARMILA
(32) Priority Date	:NA	Address of Applicant : Professor and Head, Department of
(33) Name of priority country	:NA	EIE, Bannari Amman institute of Technology, Sathyamangalam-
(86) International Application No	:NA	638 401, Erode Dist, Tamilnadu Tamil Nadu India
Filing Date	:NA	2)Rajasekar L
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)D SHARMILA
Filing Date	:NA	2)Rajasekar L
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Taking into account, the changing trend in retail shopping, smart trolley is most certainly a definite necessity for the industrial marketing in order to cope up with the advancement in technology so as to save time and manpower. This will take the overall shopping experience to a different level. The system based on smart trolley is efficient, compact and shows promising Performance. The Electronics purchasing equipment is a development of microcontroller based TROLLEY which is totally automatic. It follows the customer while purchasing items and it maintains safe distance between customer and itself. Customer has to hold the barcode side of the product wrapper in front of barcode scanner. Then corresponding data regarding product will be displayed on display. By using this trolley, customer can buy large number of product in very less time with less effort. At the billing counter, computer can be easily interfaced for verification and printing of bills.

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

(19) INDIA

(22) Date of filing of Application :05/01/2016

(43) Publication Date : 22/01/2016

(54) Title of the invention : MICROBIOLOGICAL COMPOSITIONS FOR AQUACULTURE

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)KSHATRI JYOTHI
(32) Priority Date	:NA	Address of Applicant :D. No. 40-2-16, Chukkapallivari
(33) Name of priority country	:NA	Street, MG Road, Labbipet, Vijayawada-520010, Andhra
(86) International Application No	:NA	Pradesh, India. Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)KSHATRI JYOTHI
(61) Patent of Addition to Application Number	:NA	2)Dr. S. VIJAYA SARADHI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Exemplary embodiments of the present disclosure are directed towards a microbial consortium comprising diverse microorganisms and the microorganisms are selected from a group consisting of plurality of bacteria, a fungi and a yeast. The plurality of bacteria comprises of Bacillus circulans, Bacillus licheniformis, Bacillus megaterium, Bacillus subtilis, Alcaligenes denitrificans, Alcaligenes faecalis, Thiobacillus thiooxidans, Lactobacillus lactis, Lactobacillus casei, Chlorobium thiosulfatophilum, Chromatium vinosum, Nitrosomonas europaea, Nitrobacter winogradsky, Cellulomonas cellulans, Pseudomonas putida, and Desulfobulbus propionicus. The fungi employed is Azospirillum brasilense and the yeast employed is Saccharomyces cerevisiae. The microbial consortium finds application in biological conversion of ammonia, methane, nitrogen gases and sulfur compounds into carbon dioxide, simple nitrogen compounds and other essential elements required for aquatic life. The invention, which is a composition, is also used for commercial cultivation of aquatic animals and for treatment of water bodies.

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

(19) INDIA

(22) Date of filing of Application :02/12/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : RESTRAINING THE MOTION OF A FIBER CANTILEVER TIP WITH AN ADAPTIVE OPTICAL TWEEZERS

(51) International classification	:G21K1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Institute of Engineering & Management
(32) Priority Date	:NA	Address of Applicant :Institute of Engineering &
(33) Name of priority country	:NA	Management Saltlake Electronics Complex, Sector V, Saltlake
(86) International Application No	:PCT//	Kolkata West Bengal India
Filing Date	:01/01/1900	(72)Name of Inventor :
(87) International Publication No	: NA	1)Dr. Rijuparna Chakraborty
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		·

(57) Abstract :

We disclose a method to manipulate fiber string vibration, which may be clamped at one end (cantilever) or cl amped at both ends or suspension fiber of pendulum with an Optical Tweezers system that is operated with a control system. The alteration in intensity of the tweezing beam is to be made proportional to the velocity of the string, so that it can lend a velocity dependent damping force to a harmonically vibrating wire.

No. of Pages : 7 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :30/11/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : AN INDUCTION CURING SYSTEM FOR ROOF TREATMENT WITH ASPHALT CONCRETE TO CURE A CRACK ON ROOF AND A METHOD FOR THE SAME

(51) International classification:E04D13/0(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:PCT//Filing Date:01/01/190(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAFiling Date:NAFiling Date:NA	MHRD, GOVT. OF INDIA), DHANBAD-826004, JHARKHAND, INDIA 2)Mr. Kaushik Neogi 3)Dr. Atanu Banerjee 4)Dr. G. Panda
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(57) Abstract :

An induction curing system for roof treatment with asphalt concrete to cure a crack on roof comprising a device (D), the said device (D) comprising, a high frequency inverter (2) connected to a primary coil disposed as a working coil of the device (D) for discharging high frequency induction heating to a work piece (W), the said workpiece consist of reinforced cement concrete slab (7) with Asphalt concrete layer (6) over it having steel wire/GI wire mesh (5) placed over the said asphalt concrete layer (6) for making asphalt layer electrically conductive and having finally another layer of asphalt concrete wherein the said device employing high frequency induction system is disposed for rotating over the cracked concrete asphalt roof for generating heat in steel/GI wire mesh to melt asphalt and cure the crack of the asphalt layer of the roof in building structure.

No. of Pages : 16 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :01/10/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : COCONUT DRILLI	NG WONDER	
 (54) Title of the invention : COCONUT DRILLII (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 	:A23N5/03 :NA :NA :NA :PCT//	 (71)Name of Applicant : 1)Institute of Engineering & Management, Address of Applicant :INSTITUTE OF ENGINEERING & MANAGEMENT, SALT LAKE ELECTRONICS COMPLEX, SALT LAKE KOLKATA - 91 West Bengal India (72)Name of Inventor : 1)DR. SATYAJIT CHAKRABARTI

(57) Abstract :

Coconut Drilling Wonder is a small but an innovative idea to reduce the risk of injury of a workman who cuts coconut, as well as to utilize the whole coconut for many useful purposes such as - coconut handicrafts, many useful products like - bedding, doormat, seating cushion, etc. Coconut Drilling Wonder is an elegant solution to not so uncommon problem. This apparatus can be used by any person (specially coconut juice seller) to make a straw hole on the surface of green or brown coconuts without using any electricity. It can be operated manually by the person which also saves electricity, thus making the invention eco-friendly.

No. of Pages : 6 No. of Claims : 3

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

(19) INDIA

(22) Date of filing of Application :10/12/2012

(43) Publication Date : 22/01/2016

(21) Application No.10731/DELNP/2012 A

(54) Title of the invention : DESCALING APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:1020100054438 :09/06/2010	 (71)Name of Applicant : 1)POSCO Address of Applicant :1 Koedong dong Nam gu Pohang si Kyungsangbook do 790 300 Republic of Korea (72)Name of Inventor : 1)CHO Soo Hyoun 2)KIM Tae Chul 3)JIN Young Sool

(57) Abstract :

The present invention relates to a descaling apparatus for effectively removing scales formed on surfaces of hot rolled steel strips (steel sheets). An embodiment of the descaling apparatus of the present invention comprises: a housing arranged on a hot rolled steel strip transfer path; high pressure fluid supply means arranged in the housing to supply by injecting a high pressure fluid into the housing; abrasive material injection means arranged in the housing to inject an abrasive material into the housing; and abrasive slurry spray means arranged in the housing to spray onto the hot rolled steel strips abrasive slurry of the high pressure fluid and the abrasive material mixed in the housing. According to the present invention physical (mechanical) descaling is implemented scale treatment processes are simplified and surface roughness of the hot rolled steel strips can be maintained at an appropriate level thus enabling eco friendly and high efficiency descaling. Particularly the apparatus of the present invention can be applied to hot rolled steel strip treatment process being performed at high speed.

No. of Pages : 54 No. of Claims : 16

(22) Date of filing of Application :10/12/2012

(21) Application No.10732/DELNP/2012 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : DISPERSAN	Γ COMPOSITION	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:C07C :61/346,556 :20/05/2010 :U.S.A.	 (71)Name of Applicant : 1)LUBRIZOL ADVANCED MATERIALS INC. Address of Applicant :9911 Brecksville Road Cleveland Ohio 44141-3247 U.S.A.
 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:PCT/US2011/036622 :16/05/2011 :WO/2011/146379 :NA :NA	 (72)Name of Inventor : 1)DEAN THETFORD 2)MATTHEW D. GIESELMAN 3)JOANNE L. JONES
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to a composition containing a particulate solid, a non-polar organic medium, and a compound obtained/obtainable by reacting an aromatic amine with hydrocarbyl-substituted acylating agent, wherein the hydrocarbyl-substituted acylating agent is selected from the group consisting of an oligomer or polymer from condensation polymerisation of a hydro xy-substituted C10- 30 carboxylic acid into a polyester, an optionally hydroxy-substituted C10-30 carboxylic acid, a C10-30 -hydrocarbyl substituted acylating agent, and a polyolefin- substituted maleic anhydride. The invention further provides compositions for inks, thermoplastics, plasticisers, plastisols, crude grinding and flush.

No. of Pages : 31 No. of Claims : 29

(19) INDIA

(22) Date of filing of Application :10/12/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHODS OF FORMING AT LEAST A PORTION OF EARTH-BORING TOOLS AND ARTICLES FORMED BY SUCH 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 (62) Divisional to Application Number Eiling Date 	:19/05/2011 :WO/2011/146752 :NA :NA :NA	 (71)Name of Applicant : 1)BAKER HUGHES INCORPORATED Address of Applicant :P.O. Box 4740 Houston Texas 77210- 4740 U.S.A. (72)Name of Inventor : 1)JOHN H. STEVENS
Filing Date	:NA	

(57) Abstract :

Methods of forming at least a portion of an earth-boring tool include providing particulate matter comprising a hard material in a mold cavity, melting a metal and the hard material to form a molten composition comprising a eutectic or near-eutectic composition of the metal and the hard material, casting the molten composition to form the at least a portion of an earth-boring tool within the mold cavity, and providing an inoculant within the mold cavity. Methods of forming a roller cone of an earth-boring rotary drill bit comprise forming a molten composition, casting the molten composition within a mold cavity, solidifying the molten composition to form the roller cone, and controlling grain growth using an inoculant as the molten composition solidifies. Articles comprising components of earth-boring tools are fabricated using such methods.

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

(19) INDIA

(22) Date of filing of Application :10/12/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : SYSTEM AND METHOD FOR THERMOELECTRIC PERSONAL COMFORT CONTROLLED BEDDING •

 (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 	:H01J :61/349,677 :28/05/2010 :U.S.A. :PCT/US2011/038639 :31/05/2011 :WO/2011/150427 :NA :NA :NA :NA	 (71)Name of Applicant : 1)MARLOW INDUSTRIES INC. Address of Applicant :10451 Vista Park Road Dallas Texas 75238 U.S.A. (72)Name of Inventor : 1)OVERTON PARISH 2)LEONARD RECINE 3)KEVIN GARRETT 4)MARK L.KUTCH
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(57) Abstract :

A distribution system is adapted for use with a mattress and a personal comfort system with an air conditioning system operable for outputting a conditioned air flow. The distribution system includes at least top and bottom layers of fabric material and a spacer structure disposed between the bottom and top layers. The spacer structure defines an internal volume within the distribution layer and is configured to enable the received conditioned air flow to flow therethrough. This flow of conditioned air has a cooling or heating effect on a body on the mattress. A system and method for controlling ventilation in a bed (mattress) includes an user-controlled air conditioning control system for generating and supplying a conditioned air flow to a distribution layer/system located on or near the mattress. The distribution layer/system includes a spacer structure surrounded by fabric material(s) and configured to receive the conditioned air flow and provide a cooling or heating effect to a body adjacent the mattress.

No. of Pages : 100 No. of Claims : 19

(22) Date of filing of Application :10/12/2012

(43) Publication Date : 22/01/2016

(51) International classification :B31F (71)Name of Applicant : (31) Priority Document No **1)BAKER HUGHES INCORPORATED** :61/346,699 (32) Priority Date Address of Applicant : P.O. Box 4740 Houston Texas 77210-:20/05/2010 (33) Name of priority country 4740 U.S.A. :U.S.A. (86) International Application No :PCT/US2011/037196 (72)Name of Inventor : Filing Date :19/05/2011 1)JOHN H. STEVENS (87) International Publication No :WO/2011/146743 2)JIMMY W. EASON (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : METHODS OF FORMING AT LEAST A PORTION OF EARTH-BORING TOOLS •

(57) Abstract :

Methods of forming at least a portion of an earth-boring tool include providing particulate matter comprising a hard material in a mold cavity, melting a metal and the hard material to form a molten composition comprising a eutectic or near-eutectic composition of the metal and the hard material, casting the molten composition to form the at least a portion of an earth-boring tool within the mold cavity, and adjusting a stoichiometry of at least one hard material phase of the at least a portion of the earth-boring tool. Methods of forming a roller cone of an earth-boring rotary drill bit comprise forming a molten composition, casting the molten composition within a mold cavity, solidifying the molten composition to form the roller cone, and converting an eta-phase region within the roller cone to at least one of WC and W2C.

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

(19) INDIA

(22) Date of filing of Application :10/12/2012

(43) Publication Date : 22/01/2016

(51) International classification	:F01L	(71)Name of Applicant :
(31) Priority Document No	:12/784,311	1)BAKER HUGHES INCORPORATED
(32) Priority Date	:20/05/2010	Address of Applicant :2929 Allen Parkway Suite 2100
(33) Name of priority country	:U.S.A.	Houston Texas 77019-2118 U.S.A.
(86) International Application No	:PCT/US2011/034468	(72)Name of Inventor :
Filing Date	:29/04/2011	1)JOHN G. MISSELBROOK
(87) International Publication No	:WO/2011/146219	2)MANFRED SACH
(61) Patent of Addition to Application	:NA	3)JASON M. SKUFCA
Number	:NA	
Filing Date	N X 4	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : CUTTING DART AND METHOD OF USING THE CUTTING DART •

(57) Abstract :

The present disclosure is directed to a cutting dart. The cutting dart comprises a dart body including a first pathway. The first pathway is configured to redirect cutting fluid flowing through a coiled tubing so that the cutting fluid flows radially to impinge against an inner surface of the coiled tubing. A seal is positioned around an outer circumference of the dart body. The present disclosure is also directed to an anchor dart. The anchor dart comprises a dart body and a swellable elastomer positioned around an outer circumference of the dart body. Methods of employing the cutting dart and anchor dart are also disclosed.

No. of Pages : 27 No. of Claims : 46

(22) Date of filing of Application :10/12/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : REINFORCED ABSORBABLE SYNTHETIC MATRIX FOR HEMOSTATIC APPLICATIONS • (51) International classification :C07C (71)Name of Applicant : (31) Priority Document No 1)ETHICON INC. :12/781,103 (32) Priority Date Address of Applicant :U.S. Route 22 Somerville NJ 08876 :17/05/2010 (33) Name of priority country U.S.A. :U.S.A. (86) International Application No :PCT/US2011/036590 (72)Name of Inventor : Filing Date :16/05/2011 1) OLAJOMPO MOLOYE-OLABISI (87) International Publication No :WO/2011/146359 2) DHANURAJ S.SHETTY (61) Patent of Addition to Application **3)ROBERT W. VAN HOLTEN** :NA Number **4)DEGANG ZHONG** :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present invention is directed to a reinforced absorbable hemostat comprising at least one hemostatic agent in a single layer of nonwoven synthetic fabric having a mixture of compressed fiber staples of a polyglycolide/polylactide copolymer and a polydioxanone.

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

(19) INDIA

(22) Date of filing of Application :10/12/2012

ARTICLES FORMED BY SUCH METHODS •

(43) Publication Date : 22/01/2016

(51) International classification (71)Name of Applicant : :B61G (31) Priority Document No **1)BAKER HUGHES INCORPORATED** :61/346,721 (32) Priority Date Address of Applicant : P.O. Box 4740 Houston Texas 77210-:20/05/2010 (33) Name of priority country 4740 U.S.A. :U.S.A. (86) International Application No :PCT/US2011/037223 (72)Name of Inventor : Filing Date :19/05/2011 **1)JOHN H. STEVENS** (87) International Publication No :WO/2011/146760 2)JIMMY W. EASON (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : METHODS OF FORMING AT LEAST A PORTION OF EARTH-BORING TOOLS AND

(57) Abstract :

Methods of forming at least a portion of an earth-boring tool include providing at least one insert in a mold cavity, providing particulate matter in the mold cavity, melting a metal and the hard material to form a molten composition, and casting the molten composition. Other methods include coating at least one surface of a mold cavity with a coating material having a composition differing from a composition of the mold, melting a metal and a hard material to form a molten composition, and casting the molten composition. Articles comprising at least a portion of an earth-boring tool include at least one insert and a solidified eutectic or neareutectic composition including a metal phase and a hard material phase. Other articles include a solidified eutectic or near-eutectic composition including a metal phase and a hard material phase and a coating material in contact with the solidified eutectic or neareutectic composition.

No. of Pages : 47 No. of Claims : 17

(22) Date of filing of Application :10/12/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : REINFORCED ABSORBABLE MULTI-LAYERED FABRIC FOR HEMOSTATIC APPLICATIONS • (51) International classification :C07C (71)Name of Applicant : (31) Priority Document No 1)ETHICON INC. :12/781,235 (32) Priority Date Address of Applicant :U.S. Route 22 Somerville NJ 08876 :17/05/2010 (33) Name of priority country U.S.A. :U.S.A. (86) International Application No :PCT/US2011/036591 (72)Name of Inventor : Filing Date :16/05/2011 1) OLAJOMPO MOLOYE-OLABISI (87) International Publication No :WO/2011/146360 2) DHANURAJ S.SHETTY (61) Patent of Addition to Application **3)HOLTEN ROBERT W. VAN** :NA Number **4)DEGANG ZHONG** :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present invention is directed to a synthetic fabric comprising a multi-layered nonwoven fabric made from staples of a polyglycolide/polylactide copolymer, each layer having a different density. The multi-layer fabric can be used as a reinforced absorbable hemostat medical device.

No. of Pages : 14 No. of Claims : 15

(22) Date of filing of Application :23/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : PRESS -FOR	MING 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 	:B21D22/28 :2013001833 :09/01/2013 :Japan :PCT/JP2013/085160 :27/12/2013 :WO 2014/109263 :NA :NA :NA :NA	 (71)Name of Applicant : 1)NIPPON STEEL & SUMITOMO METAL CORPORATION Address of Applicant :6 -1, Marunouchi 2 -chome, Chiyoda- ku ,Tokyo 1008071 Japan (72)Name of Inventor : 1)YAMAGATA Mitsuharu 2)YAMAMOTO Shuji 3)WADA Yasuhiro

(57) Abstract :

This press-iorming method comprises: a step in which a first cu -shaped workpiece (B) is formed; a step i n which, in a state in which a punch (13) for axial pushing is moved relative t o a die (15) and brought into contact with the cup opening end (B21) o f a cup side wall section (B2), thus restricting the cup opening end (B21), a second step forming punch (11) is moved relative t o the die (15), inserted into a second die hole part (155), part o f the first cu -shaped workpiece (B) is pushed toward the inside of the second die hole part (155) via a second die shoulder part (154), thus thickening the cup side wall section (B2) and reducing the diameter thereof; and a step in which, i n a state in which the restriction o f the cup opening end (B21) b y the punch (13) for axial pushing has been released, the second step forming punch (11) i s moved relative t o the die (15), and the first cu -shaped workpiece i s pushed further toward the interior of the second die hole part (155), and thus a second cupshaped workpiece having a smaller diameter than the first cu -shaped workpiece i s formed.

No. of Pages : 61 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :23/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : IMPROVED SPLIT SEED SOYBEAN TRANSFORMATION FOR EFFICIENT AND HIGH-THROUGHPUT TRANSGENIC EVENT PRODUCTION

(57) Abstract :

A method is disclosed for the Agrobacterium -mediated germline transformation of soybean, comprising infecting split soybean seeds, retaining a portion of the embryonic axis, with Agrobacterium tumefaciens containing a transgene. The method can further comprise regenerating the explants produced from the transformation of the split soybean seeds comprising a portion of embryonic axis in vitro on selection medium.

No. of Pages : 66 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :23/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : PORCINE PARVOVIRUS 5A, METHODS OF USE AND VACCINE

 (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 	:NA :NA	 (71)Name of Applicant : 1)BOEHRINGER INGELHEIM VETMEDICA, INC. Address of Applicant :2621 North Belt Highway, St. Joseph ,Missouri 64506 U.S.A. (72)Name of Inventor : 1)IYER, Arun V. 2)JORDAN ,Dianna M. Murphy 3)PATTERSON, Abby Rae 4)ROOF, Michael B. 5)VAUGHN ,Eric Martin 6)VICTORIA, Joseph Gilbert 7)VISEK ,Callie Ann
Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention provides novel nucleotides sequences, protein sequences, immunogenic compositions, vaccines, and methods that relate to making and using new porcine parvovirus 5A (PPV5A) that infects, inter alia, domestic swine. The compositions and methods provide for the detection of infections by said new virus, monitoring genetic changes in the viral sequences in wild and domestic ammals and herds, and making and using novel vaccines for protecting animals from infection by the virus.

No. of Pages : 75 No. of Claims : 27

(22) Date of filing of Application :23/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : BREATHABLE CONTAINER SEAL

(51) International classification	:B65D51/16	(71)Name of Applicant :
(31) Priority Document No	:61/755690	1)H. J. HEINZ COMPANY
(32) Priority Date	:23/01/2013	Address of Applicant :One PPG Place, Suite 3100, Pittsburgh,
(33) Name of priority country	:U.S.A.	PA 15222 U.S.A.
(86) International Application No	:PCT/US2013/031434	(72)Name of Inventor :
Filing Date	:14/03/2013	1)FAROOQUI,Fazal,Imam
(87) International Publication No	:WO 2014/116280	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A multi-layer seal material comprising a layer of paper or pulp, next to a layer of polymer, next to a layer of metal foil, next to a layer of adhesive polymer, the seal containing micro-holes allowing the seal to be breathable. A method of making a sealed container is also described by forming the multi-layer seal material described above, using laser drilling to generate the microholes in the seal material, placing the adhesive polymer layer of the multi-layer seal material onto a container filled with product ma - terial, heating the seal material to bond the seal to the container, thereby forming a product filled container having a breathable seal.

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

(19) INDIA

(22) Date of filing of Application :23/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : COATED FABRICS INCLUDING EXPANDABLE GRAPHITE

(31) Priority Document No:61/7(32) Priority Date:23/0(33) Name of priority country:U.S.(86) International Application No:PCTFiling Date:23/0	755666 01/2013 S.A. T/US2014/012683 01/2014 D 2014/116791	 (71)Name of Applicant : 1)FIRESTONE BUILDING PRODUCTS CO., LLC Address of Applicant :250 West 96th Street, Indanapolis ,Indiana 46260 U.S.A. (72)Name of Inventor : 1)ZHOU, Wensheng 2)CARR ,Joseph 3)HUBBARD, Michael J.
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(57) Abstract :

A coated fabric comprising a fabric substrate and a coating on said substrate, the coating comprising a binder and expandable graphite dispersed throughout the binder.

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

(19) INDIA

(22) Date of filing of Application :10/12/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : DIMERIC VSTM3 FUSION PROTEINS AND RELATED 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 (62) Divisional to Application Number Filing Date 	:C0/K14//03,C0/K16/28 :61/352873 :09/06/2010 :U.S.A. :PCT/US2011/039422 :07/06/2011 :WO 2011/156356 :NA :NA	 (71)Name of Applicant : IZYMOGENETICS INC. Address of Applicant :Route 206 and Province Line Road Princeton New Jersey 08543 4000 U.S.A. (72)Name of Inventor : ILEVIN Steven D. MOORE Margaret D. OSTRANDER Craig D. LEWIS Katherine E. TAFT David W. Robert J. WOLF Anitra LANTRY Megan M.
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(57) Abstract :

Compositions and methods relating to soluble dimeric proteins are disclosed. The dimeric proteins comprise first and second polypeptide fusions linked via a dimerizing domain each polypeptide fusion comprising first and second monomer domains corresponding to a cytokine or an extracellular domain of a cell surface receptor. The monomer domains may be positioned amino terminal and carboxyl terminal to the dimerizing domain. Alternatively the monomer domains may be positioned in tandem either carboxyl terminal or amino terminal to the dimerizing domain. The dimeric proteins are useful in methods for therapy diagnosis and research.

No. of Pages : 166 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :15/07/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : AN ELECTROKINETIC CELL REACTORAND A METHOD FOR REMOVAL OF ORGANIC AND INORGANIC CONTAMINANTS FROM THE DYE CONTAMINATED SOIL USING THE SAID REACTOR

(51) International classification(31) Priority Document No	:B09C1/10 :NA	(71)Name of Applicant : 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant : ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110 001, INDIA. Delhi India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ANNAMALAI SIVASANKAR
(61) Patent of Addition to Application Number	:NA	2)SANTHANAM MANIKANDAM
Filing Date	:NA	3)SUNDARAM MARUTHAMUTHU
(62) Divisional to Application Number	:NA	4)KANDASAMY SUBRAMANIYAM
Filing Date	:NA	5)GOPALKRISHNAN RAJAGOPAL

(57) Abstract :

Textile dye contaminated agricultural soil contains large amount of organic and inorganic impurities . The present invention relates to the development of bio-electrokinetic process for the removal of pollutants from the soil. Starch with aromatic degrading bacteria Pseudomonas spp and cellulose degrading bacteria {Bacillus cereus and both cellulose and laccase positive Bacillus subtilus, and Bacillus tequilensis) were used as anolyte, which move towards cathode, via electroosmosis process in electrokinetic technique. The reduction of COD was in the range of 70% to 82%. The inorganic impurities of chloride, sulphate and trace metal ions were removed by electromigration process. Significant reduction of conductivity and TDS can be achieved by bio-electrokinetic process. The injection of starch with bacteria and removal of pollutants improve the fertility of the agricultural soil.

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

(22) Date of filing of Application :06/12/2013

(43) Publication Date : 22/01/2016

(54) Title of the invention : MAGNET BASED LOCKING 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 	:E05B :NA :NA :NA :NA :NA : NA : NA	 (71)Name of Applicant : 1)MINDA CORPORATION LIMITED Address of Applicant :D 6-11,Sector 59, Noida, India Uttar Pradesh India (72)Name of Inventor : 1)Deepak Goswami 2)Diwakar Varshney 3)Sumeet Verma	
Filing Date (62) Divisional to Application Number	:NA :NA	4)Vikram Puri	
Filing Date	:NA		

(57) Abstract :

The present invention provides a magnet based locking system for locking a knob 2 of cylinder lock system. The knob 2 for operating the cylinder lock of the vehicle is rotatable from steering lock position to an engine OFF position and further rotatable from engine OFF position to an engine ON position. The locking system includes a housing body 1 covered by a body cover 5 and a linkage 3 which connects the knob 2 to a rotor 4. The rotor 4 is locked using a magnetic lock member 6 and a magnetic key 12 to unlock the magnetic lock member 6.

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

(21) Application No.5522/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :23/06/2015

(43) Publication Date : 22/01/2016

(51) International classification	:G06F3/033	(71)Name of Applicant :
(31) Priority Document No	:13/770130	1)DELL PRODUCTS L.P.
(32) Priority Date	:19/02/2013	Address of Applicant : One Dell Way, Round Rock , Texas
(33) Name of priority country	:U.S.A.	78682- 2244 U.S.A.
(86) International Application No	:PCT/US2014/013974	(72)Name of Inventor :
Filing Date	:31/01/2014	1)SCHUCKLE, Richard William
(87) International Publication No	:WO 2014/130223	2)ANCONA ,Rocco
(61) Patent of Addition to Application	:NA	3)STEDMAN ,Roy W.
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : ADVANCED IN- CELL TOUCH OPTICAL PEN

(57) Abstract :

A user input device communicatively coupled to a memory is disclosed. The user input device may include a user-manipulated portion; a surface contact portion of the user-manipulated portion, the surface contact portion disposed at an end of the user-manipulated portio; a first light source contained substantially within the user-manipulated portion, the first light source emitting light through the surface contact portion; a user input detector at an external surface of the user-manipulated portio; and an optical receiver at an external surface of the user-manipulated portion, the optical receiver configured to communcate a plurality of data associated with an object external to the user input device to the memory.

No. of Pages : 23 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :23/06/2015

(43) Publication Date : 22/01/2016

 (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 Eiling Date 	:12/12/2013 :WO 2014/093648 :NA :NA :NA	 (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)TAYLOR, Cliff 2)BERNHARD, Reul 3)SBAR ,Neil, L.
Filing Date	:NA :NA	

(54) Title of the invention : ULTRASONIC SOLDERING PROCESS FOR ELECTRICALLY POWERED IGUS

(57) Abstract :

The invention relates to an ultrason ic soldering tool (10) for soldering wires (62) to a solder tab (61) of an electrochromic device which is located between the layers of an insulated glass unit (71). The soldering tool (10) includes an ergonomically designed handle (11) and soldering tip head (48) to increase operator comfort during use while providing features to ensure that the surface of the insulated glass unit (71) is not contacted by the soldering tip (40). One embodiment of the invention provides an automatic feed soldering tool which may have a soldering tip (40) with a trough (49) to create an ideal solder joint. The invention includes a clamp (80) for securing a wire (62) to a substrate (72) in a correct position and prevents errant contact between the soldering tip (40) and the insulated glass unit (71). A method of creating an ideal solder joint is also included.

No. of Pages : 52 No. of Claims : 32

(19) INDIA

(22) Date of filing of Application :19/12/2013

:B60R (71)Name of Applicant : (51) International classification 1)MINDA CORPORATION LIMITED (31) Priority Document No :NA (32) Priority Date Address of Applicant :D 6-11, Sector 59, Noida, Uttar Pradesh :NA (33) Name of priority country :NA Uttar Pradesh India (86) International Application No (72)Name of Inventor: :NA Filing Date :NA 1)Diwakar Varshney (87) International Publication No : NA 2)Deepak Goswami (61) Patent of Addition to Application Number :NA 3)Sumeet Verma Filing Date :NA 4)Vikram Puri (62) Divisional to Application Number :NA 5)Harjit Singh Filing Date 6)Neeraj Adhikari :NA

(54) Title of the invention : IMPROVED IGNITION SWITCH CUM STEERING LOCK

(57) Abstract :

A multilevel authentication based electronic lock unit for a vehicle, said lock unit working in conjunction with an electronic control unit, the lock unit comprising: a first switch operatively coupled to the electronic control unit for initiating first level of authentication; a rotor having a top end, a bottom end and at least two sideward protruding arms which are spaced apart; a knob rigidly fixed to the top end of the rotor for facilitating steering LOCK/UNLOCK and ignition ON/OFF of the vehicle; a ring having at least two plates protruding from inner circumference of the ring, the plates being spaced apart so as to form a slot between any two adjacent plates to all the allow the rotor and its protruding arms to pass through; the bottom side of each plate being provided with projections to engage the arms of the rotor within the said projections; a cam unit comprising: a cylindrical body which mates with the bottom end of the rotor; and a cam element rigidly connected to the cylindrical body; a movable stopper positioned between the bottom end of the rotor and the cylindrical body for separating the rotor from the cam unit; and a second switch operatively coupled to the electronic control unit and being actuated by the movement of the cam element for initiating second level of authentication.

No. of Pages : 34 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :23/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : LIQUID MEDICINE TANK AND LIQUID MEDICINE PACK FOR ULTRASOUND NEBULIZER

 (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 	:18/11/2013 :WO 2014/109130 :NA	 (71)Name of Applicant : 1)OMRON HEALTHCARE CO. ,LTD. Address of Applicant :53, Kunotsubo, Terado- cho, Muko- shi ,Kyoto 617-0002 Japan (72)Name of Inventor : 1)OGAWA, Hiroshi 2)TABATA Makoto 3)TANAKA ,Kenshin 4)KUTSUHARA ,Susumu
(61) Patent of Addition to Application		3)TANAKA ,Kenshin
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This liquid medicine tank (20) comprises: a liquid medicine reservoir part (21), further comprising an upper edge (22) which surrounds an aperture, and a bottom part (24) which is formed in a protrusion in the downward direction; a flange part (25) which is formed extending outward from the upper edge (22) of the liquid medicine reservoir part (21); and a leg part (26) which is configured to be contiguous with either the outer circumference or the lower face of the flange part (25) to surround the liquid medicine reservoir part (21), and which extends further downward than the bottom part (24) of the liquid medicine reservoir part (21). This liquid medicine pack (10) for an ultrasound nebulizer comprises: the liquid medicine tank (20); a lid member (30) which is bonded to the liquid medicine tank (20) in the flange part (25) and which watertightly closes the aperture; and a liquid medicine (40) which is sealed in the liquid medicine reservoir part (30).

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

(21) Application No.5534/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :23/06/2015

(43) Publication Date : 22/01/2016

(51) International classification	:A61K38/08,A61K38/10	(71)Name of Applicant :
(31) Priority Document No	:61/730952	1)NONO INC.
(32) Priority Date	:28/11/2012	Address of Applicant :88 Strath Avenue, Toronto, Ontario
(33) Name of priority country	:U.S.A.	M8X 1R5 Canada
(86) International Application No	:PCT/US2013/071755	2)GARMAN, Jonathan David
Filing Date	:25/11/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2014/085349	1)GARMAN, Jonathan David
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : LYOPHILIZED FORMULATION OF TAT- NR2B9C

(57) Abstract :

The present invention provides lyophilized formulations of active agents particularly of TAT- NR2B9c. TAT- NR2B9c has shown promise for treating stroke ,aneurysm , subarachnoid hemorrhage and other neurological or neurotraumatic conditions. Such formulations are stable at room temperature thus facilitating maintenance of supplies of such a formulation in ambulances for administration at the scene of illness or accident or in transit to a hospital.

No. of Pages : 71 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :23/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : POLYCYCLIC CARBAMOYLPYRIDONE COMPOUNDS AND THEIR PHARMACEUTICAL USE

(51) International classification	:C07D498/14,C07D471/04,C07D471/14	(71)Name of Applicant : 1)GILEAD SCIENCES, INC.
(31) Priority Document No	:61/745375	Address of Applicant :333 Lakeside Drive, Foster City, CA 94404 U.S.A.
(32) Priority Date	:21/12/2012	(72)Name of Inventor :
(33) Name of priority country	:U.S.A.	1)JIN, Haolun 2)LAZERWITH, Scott ,E.
(86) International Application No Filing Date	:PCT/US2013/076367 :19/12/2013	3)MARTIN ,Teresa ,Alejandra, Trejo 4)BACON ,Elizabeth, M. 5)COTTELL, Jeromy, J.
(87) International Publication No	:WO 2014/100323	6)CAI ,Zhenhong, R. 7)PYUN ,Hyung -Jung
(61) Patent of Addition to Application Number Filing Date	:NA :NA	8)MORGANELLI ,Philip ,Anthony 9)JI ,Mingzhe 10)TAYLOR, James ,G.
(62) Divisional to Application Number Filing Date	:NA :NA	11)CHEN ,Xiaowu 12)MISH ,Michael ,R. 13)DESAI ,Manoj, C.

(57) Abstract :

Compounds for use in the treatment of human immunodeficiency virus (HIV) infection are disclosed. The compounds have the following Formula (I): including stereoisomers and pharmaceutically acceptable salts thereof, wherein Ri, X, W, Yi, Y2, Zi and Z4 are as defined herein. Methods associated with preparation and use of such compounds, as well as pharmaceutical compositions comprising such compounds are also disclosed.

No. of Pages : 260 No. of Claims : 108

(22) Date of filing of Application :11/12/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : VEHICLE COMMUNICATIONS

(51) International classification	:H04L29/06,G06F9/445	(71)Name of Applicant :
(31) Priority Document No	:1008710.4	1)Jaguar Cars Ltd
(32) Priority Date	:25/05/2010	Address of Applicant : Abbey Road Whitley Whitley Coventry
(33) Name of priority country	:U.K.	Warwickshire CV3 4LF U.K.
(86) International Application No	:PCT/EP2011/058601	(72)Name of Inventor :
Filing Date	:25/05/2011	1)THOMPSON Simon
(87) International Publication No	:WO 2011/147893	2)THOMAS Peter
(61) Patent of Addition to Application	:NA	3)PICKERING Carl
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and apparatus 10 for interacting remotely with a vehicle 12 comprising data transfer means 22 for wirelessly communicating messages between a mobile communications device 18 operable by a user and a vehicle databus 24 located within the vehicle 12. Optionally the data transfer means 22 is arranged to wirelessly communicate with the mobile communications device 18 via a web server 14 a web portal or other internet connected host system. The data transfer means 22 may be arranged to wirelessly communicate with the web portal via a GSM or other cellular communications network 13. After the vehicle engine has stopped communication of messages may continue on an intermittent basis or may be suspended after a predetermined time has elapsed or when the vehicle battery voltage reaches a predetermined threshold. High priority messages may be communicated at any time after the vehicle engine has stopped.

No. of Pages : 60 No. of Claims : 53

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : AIR INTAKE DEVICE FOR INTERNAL COMBUSTION ENGINE EQUIPPED WITH SUPERCHARGER

 (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 	:PCT/JP2015/056996 :10/03/2015 :WO 2015/146572 :NA :NA	 (71)Name of Applicant : 1)SUZUKI MOTOR CORPORATION Address of Applicant :300 Takatsuka cho Minami ku Hamamatsu shi Shizuoka 4328611 Japan (72)Name of Inventor : 1)SHIGEMATSU Daigo
(62) Divisional to Application Number Filing Date	ⁿ :NA :NA	

(57) Abstract :

Provided is an air intake device for an internal combustion engine equipped with a supercharger, the air intake device being mounted onto an internal combustion engine onto which the supercharger and an auxiliary machine are mounted and which is supported by a vehicle body of a vehicle via a mounting device, wherein the air intake device is provided with: a surge tank mounted onto a rear section of the internal combustion engine; an air intake manifold having an air intake introduction tube provided to the surge tank; an intercooler that is installed to the front of the internal combustion engine, has an air outlet tube section, and is connected to the supercharger via an intercooler inlet tubing; and an intercooler outlet tubing that extends rearward from the air outlet tube section of the intercooler and is coupled to the air intake introduction tube. The air outlet tube section is installed above the mounting device and the auxiliary machine is installed below the mounting device, both in the height direction. The air intake introduction tube is made to extend to below the vehicle from the surge tank. The intercooler outlet tubing is connected to the air intake introduction tube by way of below the mounting device and below the auxiliary machine from the air outlet tube section.

No. of Pages : 31 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

(51) International classification	:B60K23/00,F16H61/12	(71)Name of Applicant :
(31) Priority Document No	:2012276579	1)VOLVO TRUCK CORPORATION
(32) Priority Date	:19/12/2012	Address of Applicant :c/o VOLVO BUSINESS SERVICE
(33) Name of priority country	:Japan	AB, Avd 501842 ARHK5 S -405 08 Goteborg Sweden
(86) International Application No	:PCT/JP2013/081613	(72)Name of Inventor :
Filing Date	:25/11/2013	1)SHIRAI Masafumi
(87) International Publication No	:WO 2014/097826	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : VEHICULAR SHIFT OPERATION DEVICE

(57) Abstract :

The purpose of the present invention is to provide a vehicular shift operation device having a manual transmission provided with an input- side auxiliary transmission and an output -side auxiliary transmission , the vehicular shift operation device being capable of preventing overrunning and underrunning due to incorrect shift operation. Therefore , the present invention provides a vehicular shift operation device has a manual gearshift device (1) provided with an input -side auxiliary transmission (2) and an output- side auxiliary transmission (3) , wherein the vehicular shift operation device has a main shaft rotational speed sensor (5) for detecting the rotational speed of a main shaft sensors (81, 82) for detecting the position of a clutch pedal , and a control device (10) the control device (10) , having a function of sensing the gear stage (the current gear stage) in a control cycle, and a function of determining whether or not the sensed gear stage is the proper stage.

No. of Pages : 29 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :23/02/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : SWITCH DEVICE AND LOAD CONTROL SYSTEM INCLUDING THE SAME

 (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 	:2014- 147922 :18/07/2014 :Japan :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD. Address of Applicant :1-61, Shiromi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-6207, Japan. Japan (72)Name of Inventor : 1)Masayuki NAKAMURA
(61) Patent of Addition to Application NumberFiling Date(62) Divisional to Application Number	:NA	

(57) Abstract :

A problem to be solved of the present invention is that a switch between ON and OFF of a switch element is less apt to be caused by a back electromotive force occurring in a load when power supply to the load is broken. In a switch device (1) of the present invention, a contact (111) of a relay (11) is inserted in and electrically connected to an electric path that connects an AC power source (200) to an air fan load (400). A bidirectional thyristor (12) is inserted in and electrically connected to an electric path that connects the AC power source (200) to a lighting load (300). A surge absorber circuit (60) for reducing the surge voltage applied to the bidirectional thyristor (12) is connected between the AC power source (200) and the lighting load (300) in parallel with the bidirectional thyristor (12).

No. of Pages : 27 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :24/06/2015

(54) Title of the invention · ABSORBENT SHEET FOR PETS

(43) Publication Date : 22/01/2016

(54) The of the invention . Absolute	I SHEET FOR TETS	
(51) International classification	:A01K1/015,A01K23/00	(71)Name of Applicant :
(31) Priority Document No	:2012272391	1)UNI- CHARM CORPORATION
(32) Priority Date	:13/12/2012	Address of Applicant :182, Shimobun ,Kinsei -cho
(33) Name of priority country	:Japan	,Shikokuchuo- shi, Ehime 7990111 Japan
(86) International Application No	:PCT/JP2013/082892	(72)Name of Inventor :
Filing Date	:06/12/2013	1)TAKAHASHI Yumei
(87) International Publication No	:WO 2014/092030	2)SASANO Yasuhiro
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

To provide an absorbent sheet for pets which has a strong net-excrement concealing effect, and makes it possible to recognize the time for an exchange of the pet sheet. [Solution] A n absorbent sheet having an excrement surface (100Z1), a placement surface (100Z2), a body-outer-edge section (100A), an outside direction (D1), an inside direction (D2), an absorbent(140), an absorbent-outer-edge section (140A), an absorbent-outer-edge region (140B) which is a region containing the absorbent-outer-edge section (140A), an absorbent-outer-edge region (140B) which is a region containing the absorbent-outer-edge region (140A), an absorbent-center region (140C) formed in the inside direction (D2) in relation the absorbent-outer-edge region (140B), and a color-scheme region (130) which is recognizable : from the excrement-surface side (100Z1),wherein the color-scheme region (130) has a first color-scheme region (130A), a second color-scheme region (130B) and a third color- scheme region (130C), and forms a color-scheme region (130A), the second color-scheme region (130B) and the third color-scheme region (130C).

No. of Pages : 66 No. of Claims : 15

(22) Date of filing of Application :24/06/2015

(21) Application No.5545/DELNP/2015 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : MANDREL OF COIL BOX

 (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 	:PCT/KR2013/010522 :20/11/2013	 (71)Name of Applicant : POSCO Address of Applicant :(Goedong- dong) 6261, Donghaean- ro Nam -gu, Pohang -si Gyeongsangbuk- do 790- 300 Republic of Korea (72)Name of Inventor : LEE ,Choong -Yun LEE ,Sang -Hyeon LEE ,Sung -Lim
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA ¹ :NA :NA	

(57) Abstract :

A mandrel of a coil box, according to the present invention, comprises: a cylindrical mandrel body having a center shaft disposed therein and a slot into which a front end portion of a hot bar is inserted; and a guide part which is arranged towards the inside of the mandrel body from a peripheral wall of one side of the slot so as to prevent the cooling and plastic deformation of the front end portion of the bar inserted through the slot.

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

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : DISPOSABLE DIAPER FOR PETS		
 (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 	:A01K23/00 :2012272377 :13/12/2012 :Japan	 (71)Name of Applicant : 1)UNI - CHARM CORPORATION Address of Applicant :182, Shimobun ,Kinsei- cho, Shikokuchuo- shi ,Ehime 7990111 Japan (72)Name of Inventor : 1)KOMATSUBARA Daisuke

(57) Abstract :

[Problem] To provide a disposable diaper for pets that fits well around the waist of the pet. [Solution] A disposable diaper for pets , having: a rear- side waist area (130); a stomach- side waist area (110); a crotch area (120); a rear- side flap section (160); a stomach- side flap section (150); and a tail insertion opening (190). At least either the rear -side flap section (160) or the stomach- side flap section (150) have an identification area (10A). A determination can be made that there is a problem with the state of the rear -side flap section (160) on the basis of visual inspection information about the identification area (10A), said visual inspection being performed externally on the disposable diaper for pets (10).

No. of Pages : 131 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :21/07/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : A SYSTEM FOR MONITORING WATER AVAILABLITY AND CONSUMPTION FOR DOMESTIC, INDUSTRIAL, INSTITUTIONAL, COMMERCIAL USE

(51) International classification:G01D4/00(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(63) Patent of Addition Number:NA(64) Patent of Addition Number:NA(65) Divisional to Application Number:NAFiling Date:NA	 (71)Name of Applicant : 1)NEOTECH SYSTEMS PVT. LTD. Address of Applicant :B-25, IInd Floor, South Ext., Part-2, New Delhi 110049. Delhi India (72)Name of Inventor : 1)Rajesh Garg
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(57) Abstract :

The present invention related to a method for monitoring, communicating and controlling water consumption and availability and system thereof. More specifically, the present invention relates to a method for monitoring, communicating and controlling water consumption and availability at domestic stage or commercial stage and predicting and advising the future usage of water to users located at local sites or at remote site. [Figure 2]

No. of Pages : 36 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : IMPLANTABLE MEDICAL DEVICE FOR MINIMALLY -INVASIVE INSERTION

(51) International classification	a:A61B5/00,A61B5/07,A61M31/00	(71)Name of Applicant :
(31) Priority Document No	:61/745086	1)MICROCHIPS, INC.
(32) Priority Date	:21/12/2012	Address of Applicant :128 Spring Street, Suite 310, Lexington,
(33) Name of priority country	:U.S.A.	MA 02421 U.S.A.
(86) International Application No Filing Date	:PCT/US2013/076849 :20/12/2013	2)FARRA, Robert (72)Name of Inventor : 1)FARRA ,Robert
(87) International Publication No	:WO 2014/100555	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Containment devices and methods of manufacture and assembly are provided. In an embodiment, the containment device includes an elongated microchip element comprising one or more containment reservoirs that are configured to be electrically activated to open. The containment device also include an elongated electronic printed circuit board (PCB) comprising a substrate. The elongated PCB comprises a first side on which one or more electronic components are fixed and an opposed second side on which the elongated microchip element is fixed in electrical connection to the one or more electronic components. Further, the containment device includes an elongated housing fixed to the elongated PCB. The elongated housing is configured to hermetically seal the one or more electronic components of the elongated PCB within the elongated housing.

No. of Pages : 26 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

(51) International classification :G03G15/00 (71)Name of Applicant : 1)STATIC CONTROL COMPONENTS, INC. (31) Priority Document No :13/732875 (32) Priority Date Address of Applicant :3010 Lee Avenue, P.O. Box 152, :02/01/2013 (33) Name of priority country Sanford .North Carolina 27331 U.S.A. :U.S.A. :PCT/US2013/077492 (72)Name of Inventor: (86) International Application No Filing Date :23/12/2013 1)THACKER, William Eli (87) International Publication No :WO 2014/107369 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : SYSTEMS AND METHODS FOR UNIVERSAL IMAGING COMPONENTS

(57) Abstract :

A method of operating a cartridge chip installed in an imaging device includes: causing, by the cartridge chip, the imaging device to enter an error condition; monitoring the timing or sequence of communication signals received from the imaging device during at least a portion of the error condition; and operating, based on the timing or sequence of the communication signals received from the imaging device during at least a portion of the error condition, in a first mode of operation compatible with a first type of imaging device or in a second mode of operation compatible with a second type of imaging device.

No. of Pages : 25 No. of Claims : 39

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR THE PRODUCTION OF AN OPTICAL ARTICLE WITH IMPROVED ANTI - FOULING PROPERTIES

 (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 	:G02B27/00 :61/746819 :28/12/2012 :U.S.A. :PCT/EP2013/077978 :24/12/2013 :WO 2014/102271 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE) Address of Applicant :147 rue de Paris, F -94220 Charenton Le Pont France (72)Name of Inventor : 1)FOURNAND, Grald
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(57) Abstract :

Method for the manufacture of an optical article comprising the following steps: - providing a substrate having two main faces and bearing -OH functions on at least one of its faces, successively exposing in this order one face of the substrate bearing -OH functions to at least 3 distinct materials named MI, M2, M3 and optionally material M4 in a vacuum chamber under conditions resulting in the deposit of those materials on the surface of the substrate, and wherein: - MI is a substituted silane comprising at least one function XI directly bonded to a Si atom of the substituted silane, wherein the Si-XI group is capable of forming a covalent bond with a OH group of the substrate, XI being preferably a hydrolysable group (such a -NH 2 group) or a -OH group directly bonded to the silicon atom and comprising at least one fluorine containing group, - M2 is a substituted silane of number average molecular weight inferior or equal to 900 g/mol comprising at least one function X2 directly bonded to a silicon atom of said substi - tuted silane wherein the Si-X2 group is capable of forming a covalent bond with a -OH group of the substrate and/or a covalent bond with M1, X2 being preferably a hydrolysable group or a OH group of the substrate and/or a covalent bond with M1, X2 being preferably a hydrolysable group, - Wherein MI has a weight average molecular weight higher than M2 and the difference between MI and M2 weight average molecular weight is equal to or higher than 600 g/mol, preferably equal to or higher than 900 g/mol. - M3 is a metal fluoride, - Optional M4 is a non fluorinated metal oxide or metal hydroxide.

No. of Pages : 35 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

(51) International classification	:A63H33/08	(71)Name of Applicant :
(31) Priority Document No	:2013150160	1)SOKOLOV, Dmitrij Andreevich
(32) Priority Date	:12/11/2013	Address of Applicant :ul. Stroitelej, 5/1-62, Moscow 119311
(33) Name of priority country	:Russia	Russia
(86) International Application No	:PCT/RU2013/001062	(72)Name of Inventor :
Filing Date	:26/11/2013	1)SOKOLOV, Dmitrij Andreevich
(87) International Publication No	:WO 2015/009191	
(61) Patent of Addition to Application	:NA	
Number Filing Dote	:NA	
Filing Date	:NA	
(62) Divisional to Application Number		
Filing Date	:NA	

(54) Title of the invention : CONSTRUCTION KIT ELEMENT (VARIANTS) AND CONSTRUCTION KIT

(57) Abstract :

The invention relates to construction kit elements for use in children s building sets and in puzzles. A construction element according to a first variant comprises a flat rectangular base and a connecting unit. The connecting unit is comprised of four groups of projections. The projections of the first group are tubular and have an annular cross- section. The projections of the second group are tubular and have a square cross -section. The projections of the third group are in the form of rectangular plates with projecting shoulders. In the fourth group the projections are disposed in the corners of the base and are in the form of L- shaped members. A second variant of the construction kit element comprises three of the four groups of projections. The variants of the invention provide construction kit elements with enhanced functional capabilities.

No. of Pages : 44 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

(51) International classification (31) Priority Document No	:G06T11/20 :13/723907	(71)Name of Applicant : 1)CITRIX SYSTEMS ,INC.
(32) Priority Date	:21/12/2012	Address of Applicant :851 West Cypress Creek Road, Fort
(33) Name of priority country	:U.S.A.	Lauderdale, Florida 33309 U.S.A.
(86) International Application No	:PCT/US2013/074347	(72)Name of Inventor :
Filing Date	:11/12/2013	1)MAYOT ,Frederic
(87) International Publication No	:WO 2014/099536	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : SYSTEMS AND METHODS FOR PRESENTING A FREE- FORM DRAWING

(57) Abstract :

Systems and method for presenting a free-form drawing are described. In some aspects, a first point, a second point, and a third point from an input curve in the free-form drawing are received. A first quadratic Bezier curve is determined, where a control point of the first quadratic Bezier curve includes the second point and endpoints of the first quadratic Bezier curve include the first point and the third point. A first portion of the first quadratic Bezier curve is provided for display, where endpoints of the first quadratic Bezier curve include the first point and a second terminal point, and where the first portion of the first quadratic Bezier curve does not include the third point.

No. of Pages : 54 No. of Claims : 20

(21) Application No.5562/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : HYDRAULIC DOOR OPERATING MECHANISM HAVING A ROLLING MEMBRANE CYLINDER :E05B85/16,F15B7/00 (71)Name of Applicant : (51) International classification 1)SCHAEFFLER TECHNOLOGIES AG & CO. KG (31) Priority Document No :10 2013 200 501.6 (32) Priority Date Address of Applicant :Industriestrae 1-3, 91074 :15/01/2013 (33) Name of priority country :Germany Herzogenaurach Germany :PCT/DE2013/200370 (72)Name of Inventor : (86) International Application No 1)KRAHTOV, Luben Filing Date :17/12/2013 (87) International Publication No 2)RAMMHOFER, Thomas :WO 2014/111078 (61) Patent of Addition to Application 3)GRABENST,,TTER,Jan :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The invention relates to a hydraulic door operating System for a motor vehicle, having an adjusting operating element, such as a door handle, and an engagement and or disengagement device, such as a door locking or door opening device, for example in the manner of a door lock, that responds to the actuation movement of the operating element, wherein the operating element is operatively related to the engagement and/or disengagement device, wherein a rolling membrane cylinder is contained in the operating element and/or in the engagement and/or disengagement device. The invention further relates to a closure System for a vehicle tailgate or a vehicle door, such as a car door, an engine bonnet or a luggage compartment door, having a hydraulic operating System according to the invention.

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

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : VIDEO OUTPUT CHECKER		
 (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 	:G09G5/14,G06F11/10,G09G5/02 :13158619.0 :11/03/2013 :EPO :PCT/EP2014/053369 :20/02/2014 :WO 2014/139773 :NA :NA :NA	 (71)Name of Applicant : 1)RENESAS ELECTRONICS EUROPE LIMITED Address of Applicant :Dukes Meadow, Millboard Road, Bourne End Buckinghamshire SL8 5FH U.K. (72)Name of Inventor : 1)FIEDLER ,Peter 2)GRUNDMANN, Sven 3)HENNIG ,Tobyas

(54) Title of the invention : VIDEO OUTPUT CHECKER

(57) Abstract :

Video output checker A video output checker (23) is described. The video output checker is configured to receive in coming video data (20) for rendering an image on a display (17). The video data comprises pixel data which comprise, for each pixel(42), a set of colour component values (57, 57 2, 57 3) for a given colour model. The video output checker can be configured to compare each colour component for a pixel in a selected area (24) of the image with a corresponding test range of values (5 IL, 5 1U, 5 2L, 5 2U, 5 3L, 5 3U) and, if a component value falls outside the range, to measure a deviation. The video 10 output checker can be configured to sum deviations for the selected area to provide an error value (58) for the selected area, and to compare the error value against a threshold number (59). Additionally or alternatively, the video output checker can be configured to determine whether each colour component for a pixel in a selected area (24) of the image falls within a corresponding test range of values (5 IL, 5 1U, 5 2L, 5 2U, 1 5 3L, 5 3U) so as to determine whether the pixel is valid or invalid and to count the number (58) of valid or invalid pixels in the selected area. The video output checker is configured to compare the number of valid or invalid pixels against a threshold number (59).

No. of Pages : 44 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :11/12/2012

(54) Title of the invention : METHOD FOR PREPARING AN ENRICHED IGG COMPOSITION FROM PLASMA •

(32) Priority Date:26/0:(33) Name of priority country:Aust(86) International Application No:PCT.Filing Date:27/0:	020212560015 U.S.A.05/20102)BAXTER HEALTHCARE S.A.tralia(72)Name of Inventor :(7US2010/036470)1)LEOPOLD BRUCKSCHWAIGER05/20112)SONJA SVATOS0/2011/1494723)JULIA NURNBERGER4)WOLFGANG TESCHNER5)HARALD ARNO BUTTERWECK6)HANS PETER SCHWARZ7)THOMAS GUNDINGER
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(57) Abstract :

The present invention provides improved methods for the manufacturing of IVIG products. These methods offer various advantages such as reduced loss of IgG during purification and improved quality of final products. In other aspects, the present invention provides aqueous and pharmaceutical compositions suitable for intravenous, subcutaneous, and/or intramuscular administration. In yet other embodiments, the present invention provides methods of treating a disease or condition comprising administration of an IgG composition provided herein.

No. of Pages : 93 No. of Claims : 58

(21) Application No.5571/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : LOCK FOR MOTOR VEHICLE OPENING LEAF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:France	 (71)Name of Applicant : 1)U -SHIN FRANCE SAS Address of Applicant :2- 10 Rue Claude Nicolas Ledoux, F - 94046 Creteil Cedex France (72)Name of Inventor : 1)ROBERT ,Johann
(87) International Publication No	:WO 2014/096038	
(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 lock for a motor vehicle opening leaf, having a latch (5) that engages with a pawl (6), a central locking lever (1), an external opening le ver (4) connected to an external handle and an internai lo cking lever (9) connected to an internai locking control and to said central locking lever (1), a dummy pawl (3) being secured to said pawl (6), said lock providing a Cancel func - tion by means of an arrangement for converting a closing movement of said dummy pawl (3) into an unlocking movement of said central locking lever (1). According to the in vention, said arrangement has an lment that is integrated into said central locking lever (1) and is disposed on the path of said dummy pawl (3) while the opening leaf is being closed, said central locking lever (1) moving from the locked position to the unlocked positioned by sliding in one direction

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

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : PURGE AND COOLING AIR FOR AN EXHAUST SECTION OF A GAS TURBINE 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 	:PCT/US2014/012430 :22/01/2014 :WO 2014/116626 :NA :NA :NA	 (71)Name of Applicant : SIEMENS ENERGY INC. Address of Applicant :4400 Alafaya Trail, Orlando, Florida 32826 -2399 U.S.A. (72)Name of Inventor : PATAT, Harry SCHOPF ,Cheryl A. KATY ,Jerome H. WALLACE ,Adam WIEBE ,David J.
	:NA :NA	

(57) Abstract :

A turbine exhaust casing having an outer casing, an inner casing, an annular exhaust gas path defined between outer and inner flow path walls, and a turbine exhaust casing cavity located radially outward and radially inward from the gas path. A plurality of structural struts support the inner casing to the outer casing, and a fairing surrounds each of the struts in an area extending between the outer and inner flow path walls. A first purge air path extends through at least one of the struts for conducting purge cooling air radially inward to the inner casing, and a second purge air path extends through the strut for further conducting the purge cooling air radially outward to provide a flow of purge air to a location of the exhaust casing cavity radially outward from the outer flow path wall.

No. of Pages : 25 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR THE PRODUCTION OF A TITANIUM CONTAINING CATALYST , TITANIUM CONTAINING CATALYST, METHOD FOR THE PRODUCTION OF POLYESTER AND POLYESTER

(51) International classification	:C08G63/16,C08G63/85,B01J31/22	(71)Name of Applicant : 1)UHDE INVENTA- FISCHER GMBH
(31) Priority Document No	:13154209.4	Address of Applicant :Holzhauser Str. 157-159, 13509 Berlin
(32) Priority Date	:06/02/2013	Germany
(33) Name of priority country	:EPO	2)CATALYTIC TECHNOLOGIES LIMITED
(86) International Application No Filing Date	:PCT/EP2014/051896 :31/01/2014	(72)Name of Inventor : 1)SCHOENNAGEL, Matthias 2)COOPER ,Alan Thomas
(87) International Publication No	:WO 2014/122070	
 (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 is directed to a method for the production of a titanium containing catalyst, wherein a titanium- (IV) -alkoxide of high purity is reacted with an alpha- hydroxy carboxylic acid. Furthermore the invention concerns a titanium containing catalyst allowing for the production of high viscosity polyesters with high thermal stability. In addition, the invention is directed to a method for the production of polyesters and polyesters themselves.

No. of Pages : 58 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : INJECTION OF SORBENTS IN DUCTWORK FEEDING WET SCRUBBERS FOR MERCURY EMISSION CONTROL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (96) Internetional Application No. 	:B01D53/64 :61/787771 :15/03/2013 :U.S.A.	 (71)Name of Applicant : 1)ALBEMARLE CORPORATION Address of Applicant :451 Florida Street, Baton Rouge ,LA 70801- 1765 U.S.A. (72)Name of Investory .
(86) International Application No Filing Date	:14/03/2014	(72)Name of Inventor : 1)LANDRETH, Ronald ,R.
(87) International Publication No(61) Patent of Addition to ApplicationNumber	:WO 2014/143844 :NA	2)MILLER ,Jon ,E. 3)PICKRELL, William, S. 4)GHORISHI, Seyed, B.
Filing Date	:NA :NA	5)FROST ,Timothy, A.
(62) Divisional to Application Number Filing Date	:NA :NA	6)ROYER, David, E. 7)CARMICAL ,Jack

(57) Abstract :

Methods and systems are described for more effectively sequestering or removing mercury from flue gases. This is accomplished by feeding an adsorbent into the flow of flue gas in ductwork leading into a scrubber housing containing a wet scrubber composition and providing a residence time sufficient to enable the mercury to be sequestered by the adsorbent.

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

(19) INDIA

(22) Date of filing of Application :10/12/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : MASTER LINK JOINT FOR A TRACK UNDERCARRIAGE AND METHOD OF RETROFITTING AN EXISTING UNDERCARRIAGE

 (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 	:PCT/US2011/042302 :29/06/2011 :WO/2012/003200 :NA :NA	 (71)Name of Applicant : 1)CATERPILLAR INC. Address of Applicant :100 N.E. ADAMS STREET PEORIA IL 61629-9510 U.S.A U.S.A. (72)Name of Inventor : 1)CLARKE DONOVAN S. 2)PLOUZEK JOHN M. 3)COBB LAURENCE J. 4)TRONE MATTHEW W.
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

A master link joint for a drive chain is disclosed. The disclosed master link joint includes two master links. Each master link includes a first half link and a second half link that engage each other along mating abutment surfaces. The two master links are disposed on opposite sides of the chain. The first half links are coupled by a pin that traverses the chain and the second half links are coupled by a bushing that traverses the chain. The mating abutment surfaces include a first ramp that meets a second offset ramp at a junction or root. An angle Θ defined by the second ramps of the mating abutment surfaces and a line parallel to the rail or bottom pad of the half links ranges from about 45 to about 53°. Figure 2

No. of Pages : 31 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : VEHICLE , AND CONTACTLESS POWER SUPPLY SYSTEM

(51) International classification :B60L5/00,B60L11/18,H02J17/00 (71)Name of Applicant : 1)TOYOTA JIDOSHA KABUSHIKI KAISHA (31) Priority Document No :NA (32) Priority Date Address of Applicant :1, Toyota- cho, Toyota- shi, Aichi :NA (33) Name of priority country 4718571 Japan :NA (72)Name of Inventor : (86) International Application :PCT/JP2013/058296 No 1)ICHIKAWA Shinji :22/03/2013 Filing Date (87) International Publication :WO 2014/147819 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

A contactless power supply system(10) is capaole of contactlessly supplying electric power from a power transmission unit 220) to a power receiving unit (110) of a vehicle (100). The contactless power supply system is provided with: a raising /lowering mechanism (105) which moves the power receiving unit, from a standby position, in a direction approaching the power transmission unit; and a vehicle ECU (300) for controlling the raising/lowering mechanism. The vehicle ECU is configured so as to be capable of per forming: a first detection operation in which the position of the power transmission unit is detected while the power receiving unit is in a state of being positioned i n the standby position; and a second detection operation in which the power transmission unit is detected while the power transmission unit is detected while the power transmission unit is not a state of being position which is closer to the power transmission unit than the standby position. In cases when the power transmission unit is detected to be within a prescribed range in both the first and second detection operations, the vehicle ECU initiates power transmission from the power transmission unit.

No. of Pages : 46 No. of Claims : 10

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : POWER SUPPLY DEVICE

(51) International classification	:H02M7/48,H02H7/122	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SHINDENGEN ELECTRIC MANUFACTURING CO.
(32) Priority Date	:NA	LTD.
(33) Name of priority country	:NA	Address of Applicant :2 -1, Ohtemachi 2- chome, Chiyoda- ku
(86) International Application No	:PCT/JP2013/058152	,Tokyo 1000004 Japan
Filing Date	:21/03/2013	2)HONDA MOTOR CO. LTD.
(87) International Publication No	:WO 2014/147801	(72)Name of Inventor :
(61) Patent of Addition to Application	:NA	1)IMAI Naoya
Number	:NA :NA	2)IKEDA Masataka
Filing Date	INA	3)YAMAGUCHI Yasukazu
(62) Divisional to Application Number	:NA	4)EGUCHI Hiroyuki
Filing Date	:NA	5)FUJIKAWA Go

(57) Abstract :

A power supply advice comprises a first inverter for converting a first D C voltage to a first AC voltage and outputting the result and a second inverter for converting a second DC voltage to a second A C voltage synchronized with the first A C voltage and outputting the result, wherein the outputs of the first and second inverters are connected in series. The first (second) inverter has: a first(second) peak limiter circuit for, when a value corresponding to the output current reaches a first (second) limit value, not allowing a first (second) switching element to perform a switching operation and for, when the value corresponding to the output current is less than the first (second) limit value, allowing the first (second) switching element to per form the switching operation; and a first (second) control unit for increasing the first (second) limit value on the basis of the value corresponding to the output current and the in crease of the first (second) DC voltage.

No. of Pages : 38 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : CHARGE MANAGEMENT DEVICE (51) International classification :G08G1/00,B60L3/00,H02J7/00 (71)Name of Applicant : (31) Priority Document No 1)KABUSHIKI KAISHA TOSHIBA :2012263385 (32) Priority Date :30/11/2012 Address of Applicant :1-1, Shibaura 1- chome, Minato- ku, (33) Name of priority country Tokvo 105-8001 Japan :Japan 2)TOSHIBA SOLUTIONS CORPORATION (86) International Application No :PCT/JP2013/082035 :28/11/2013 (72)Name of Inventor : Filing Date (87) International Publication No :WO 2014/084305 1)KANO Makoto (61) Patent of Addition to 2)SUZUKI Hiroyuki :NA Application Number **3)YAMAMOTO Junichi** :NA Filing Date 4)SHIMADA Tsuyoshi (62) Divisional to Application 5)MATSUI Kiyoshi :NA Number 6)NAKAMURA Junichi :NA Filing Date

(57) Abstract :

An input means (11) of a charge management device of an embodiment accepts an input of traffic demand data indicating the numbers of vehicles going in and out of a plurality 01 interchanges of a toll road. A first prediction means (12) executes simulation using the traffic demand data the input of which has been accepted, and predicts charge waiting times at a plurality charge stations provided in the toll road. A determination means (13) compares the predicted charge waiting times at the respective charge stations to determine whether a desired condition is satisfied or not. A generation means (14) generates charge recommendation information indicating a charge station capable of smooth charge when the result of the determination by the determination means i s NO. An output means (15) outputs the charge recommendation information to an external terminal when the result of the determination by the d

No. of Pages : 60 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :14/07/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : ISOLATION PROCESS FOR NOVEL BIOPOLYMER FROM THE FRUIT PULP OF FICUS CARICA AND ITS INBUILT PHARMACEUTICAL BIO-EXCIPIENT PROPERTY

(51) International classification	:C12N5/04	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. N V SATHEESH MADHAV
(32) Priority Date	:NA	Address of Applicant :DIT UNIVERSITY, DEHRADUN
(33) Name of priority country	:NA	(UTTARAKHAND) Uttarakhand India
(86) International Application No	:NA	2)ABHAY PRATAP YADAV
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DR. N V SATHEESH MADHAV
(61) Patent of Addition to Application Number	:NA	2)ABHAY PRATAP YADAV
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention explores a process methodology for isolating bio-polymeric substance from the fruit pulp of Ficus carica by addition of optimized, selected non-solvent to the aqueous extract of the fruit pulp and kept for refrigerant for 24 hrs to recover the biopolymer. The biopolymer was purified by hot dialysis method. The biopolymer was subjected for various physicochemical properties including spectral studies like Infra Red, Mass, proton-NMR and SEM in order to confirm its polymeric characters and surface topology. The biopolymer showed inbuilt filmability, bio lip stripability and muco/bio-adhesivity which was confirmed by during Repaglinide loaded bio lipbio lip strips and it was subjected for screening its in-vitro and in-vivo drug release performance in experimental animals. The prepared bio lip strips were also screened for feasibility to deliver Active pharmaceutical ingredient through translabial route due to its inbuih adhesivity. This bio-ploymeric material possesses novel inbuilt property like bio lip stripability and filmability and this polymer can be used as bioexcipient for delivering various drug loaded pharmaceutical transdermal and translabial formulations.

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

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : TENSIONER WITH SPRING FORCE CONTROL IN A SECOND BORE		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:F16H7/08,F02B67/06 :61/738547 :18/12/2012 :U.S.A.	 (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)TODD, Kevin B.
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:WO 2014/099327 :NA :NA :NA	2)SMITH, Dale N.
Filing Date	:NA	

(57) Abstract :

A tensioner for tensioning a chain span which uses two pistons. The movement of the two pistons may be Fig. 1 coupled together. The first piston provides damping to the chain span and a second piston provides variable, dominant and automatically adjusting spring force to the chain span. The tensioner automatically adjusts the mean tension force to keep the chain tension as low as possible without sacrificing chain control, significantly improving drive efficiency at new chain conditions and conditions with dynamic loads.

No. of Pages : 40 No. of Claims : 54

(54) Title of the invention : TURBOCHARGER OUTBOARD PURGE SEAL

(21) Application No.5588/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

(51) International classification	:F02B39/14,F01D25/16	(71)Name of Applicant :
(31) Priority Document No	:61/738231	1)BORGWARNER INC.
(32) Priority Date	:17/12/2012	Address of Applicant :Patent Department, 3850 Hamlin Road,
(33) Name of priority country	:U.S.A.	Auburn Hills , Michigan 48326 U.S.A.
(86) International Application No	:PCT/US2013/071782	(72)Name of Inventor :
Filing Date	:26/11/2013	1)KELLY,Allan
(87) International Publication No	:WO 2014/099289	2)ELLWOOD, E. Perry
(61) Patent of Addition to Application Number	:NA :NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The propensity for oil leakage around the clearance seals of a rotating turbocharger assembly can be minimized by the addition of a variety of sealing systems using an externally pressurized cavity formed between the backface of the compressor wheel and the bearing housing. In one implementation, a pressure plate can be provided. In another embodiment, labyrinth seals can be provided. In addition to these various sealing arrangements, external pressurized air or internally supplied charge air can be selectively supplied to the space behind the pressure plate or labyrinth seal to maintain an inward directed pressure gradient across the seal interface regardless of operating conditions.

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

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : IMPROVED METHOD TO EXTRACT BITUMEN FROM OIL SANDS		
 (54) The of the invention . IMPROVED (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 	:C10G1/04 :61/739279 :19/12/2012 :U.S.A.	 (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)AKIYA, Naoko 2)DONATE, Felipe A.

(57) Abstract :

The present invention relates to an improved bitumen recovery process from oil sands. The oil sands may be surface mined and transported to a treatment area or may be treated directly by means of an process of oil sand deposits that are located too deep for strip mining. Specifically, the present invention involves the step of treating oil sands with a glycol ether amine described by the following structure: R- (OCH)X- NH2 or R- (OCH2CH(CH3))Y- NH2 wherein R is a CI to C6 alkyl group or a phenyl group and x and y independently are 1 to 3.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : CHARGE -DISCHARGE MANAGEMENT DEVICE , POWER CONDITIONER , POWER STORAGE DEVICE, 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 	:PCT/JP2013/006665 :13/11/2013 :WO 2014/087580 :NA :NA	 (71)Name of Applicant : 1)PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD. Address of Applicant :1- 61, Shiromi 2- chome, Chuo- ku, Osaka -shi ,Osaka 540-6207 Japan (72)Name of Inventor : 1)ADACHI Masakazu 2)KOBAYASHI Susumu 3)YOSHIZAWA Jin
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

In the present invention, a charge-discharge management device is provided with an indication unit, a temperature acquisition unit, and a setting unit in order to manage the charge and discharge states of a storage cell used to deliver to and receive power from a distribution network supplying power to electric loads. The indication unit indicates the magnitude of a current with which the storage cell is charged. The temperature acquisition unit acquires the cell temperature of the storage cell. The setting unit sets the magnitude of the charge current to a first standard value when the cell temperature is within a normal range. When the cell temperature deviates from the normal range the setting unit sets the charge current so that the charge current is below the first standard value, and so that a greater degree of deviation from the normal range corresponds to a greater difference between the charge current and the first standard value.

No. of Pages : 32 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR RECOMBINANT PRODUCTION OF HORSESHOE CRAB FACTOR C PROTEIN IN PROTOZOA

 (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 	:C12N9/64 :12195742.7 :05/12/2012 :EPO :PCT/EP2013/075517 :04/12/2013 :WO 2014/086847 :NA :NA :NA :NA	 (71)Name of Applicant : 1)MICROCOAT BIOTECHNOLOGIE GMBH Address of Applicant :Am Neuland 3, 82347 Bernried Germany (72)Name of Inventor : 1)BUCHBERGER ,Bernd 2)GRALLERT Holger 3)MOLINARO Sonja
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(57) Abstract :

The present invention provides a novel method for the recombinant production of Factor C protein from horseshoe crab using a parasitic protozoan expressing the Factor C protein. In particular, the present invention provides a parasitic protozoan host cell harbouring a polynucleotide encoding horseshoe crab Factor C protein , and a method for producing Factor C protein comprising culturing said parasitic protozoan host cell under conditions such that the cells express the horseshoe crab Factor C protein. Furthermore , the present invention provides recombinant Factor C protein produced by the novel method and its use in the detection and/or removal of endotoxin.

No. of Pages : 67 No. of Claims : 16

(22) Date of filing of Application :24/06/2015

(21) Application No.5582/DELNP/2015 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : DIMMING CONTROL DEVICE AND METHOD

(51) International classification	:H05B37/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CHUNG ,Sang Min
(32) Priority Date	:NA	Address of Applicant :104- 503 Ssangyong Yega, Apt. 902- 8
(33) Name of priority country	:NA	Dogok 1 -dong, Gangnam- gu, Seoul 135 -271 Republic of Korea
(86) International Application No	:PCT/KR2012/010930	(72)Name of Inventor :
Filing Date	:14/12/2012	1)CHUNG ,Sang Min
(87) International Publication No	:WO 2014/092221	2)LEE, Gyu Ho
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1 12 1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a dimming control device and method and a dimming control device according to an embodiment of the present invention may control the ON/OFF of a lamp depending on whether a power pad is touched and control the brightness of the lamp depending on whether dimming pads are touched. Thus a user may control brightness step by step and may conveniently manipulate each step of brightness.

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

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : ARTICLE OF FOOTWEAR

(51) Internationalclassification(31) Priority Document No	:A43B17/02,A43B13/14,A43B13/36 :13/693596	 (71)Name of Applicant : 1)NIKE, INNOVATE C.V. Address of Applicant :One Bowerman Drive, Beaverton
(32) Priority Date	:04/12/2012	,Oregon 97005 U.S.A.
(33) Name of priority country	y:U.S.A.	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/US2013/072637 :02/12/2013	1)HOLMES Matt 2)AVAR, Eric P. 3)LEE ,Jeongwoo
(87) International Publication No	¹ :WO 2014/088956	4)HO, Fanny 5)KLUG ,Bryant
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An article of footwear may include an upper and an outsole bonded to the upper. The outsole may include multiple discrete lugs distributed across a bottom exterior surface of the outsole. The article may further include a compressible foam midsole contained within the upper. The midsole may be non-destructively removable from the upper.

No. of Pages : 47 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:G01N33/66 :PA 2012 00767 :03/12/2012 :Denmark	 (71)Name of Applicant : 1)STATENS SERUM INSTITUT Address of Applicant : Aretillerivej 5, DK -2300 Copenhagen S Denmark
(86) International Application No Filing Date	:PC1/DK2013/000084 :28/11/2013	(72)Name of Inventor :1)COHEN, Arieh Sierra
(87) International Publication No	:WO 2014/086361	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : METHOD OF DIAGNOSING GALACTOSEMIA IN NEONATAL SCREENING

(57) Abstract :

A method of diagnosing galactosemia in blood samples from neonates by determining GAL-I-P concentrations before 5-7 days of life is disclosed. The removal of interfering compounds allows a more specific and therefore more accurate determination of GAL- IP levels in newborn screening for galactosermia using mass spectrometry. This is of major importance when investigating samples from children that have not yet achieved a steady state of GAL-IP (i.e. before 5-7 day of life).

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

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : FLEXIBLE FILM COMPOSITION FOR HEAT SEALS AND CONTAINER WITH 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 	¹ :PCT/US2013/076488 :19/12/2013 ² :WO 2014/100386 :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)HERNANDEZ, Claudia 2)MAZZOLA ,Nicolas, C. 3)VAN DUN, Jozef, J.i. 4)BRUNNER, Kurt 5)ARROYO VILLAN ,Maria ,Isabel
(62) Divisional to Application Number Filing Date	ⁿ :NA :NA	

(57) Abstract :

The present disclosure is directed to compositi- ons and film structures suitable for heat seal production. The heat sealable flexible film structure includes: a layer (A) comprising a propylene-based plastomer or elastomer (PBPE) and a low density polyethylene; a layer (B), adjacent to layer (A), comprising at least 50 percent by weight of the layer (B) of an ethylene-based polymer; and an outermost layer (C) comprising a material having a melting point greater than 140°C. Weight percents are based on the total weight of the respective layer. The heat sealable flexible film structure is used to make a flexible container (10) having one or more heat seals (12). The heat seal (12) can be a frangible heat seal, a hard heat seal, or a combination thereof.

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

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

(51) International classification	:B23F15/08	(71)Name of Applicant :
(31) Priority Document No	:1222387.1	1)PRECISION TECHNOLOGIES GROUP (PTG)
(32) Priority Date	:12/12/2012	LIMITED
(33) Name of priority country	:U.K.	Address of Applicant :Harbour Lane North, Milnrow,
(86) International Application No	:PCT/GB2013/053271	Rochdale, Lancashire OL16 3LQ U.K.
Filing Date	:12/12/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2014/091232	1)DAVEY ,Daniel William
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : METHOD OF MACHINING A ROTOR WITH VARIABLE LEAD SCREW

(57) Abstract :

A method of machining, with a formed tool, a first rotor and a second rotor with mutually complementary meshing threads involves rotating a first workpiece about a longitudinal axis of the workpiece. The tool makes one or more passes along the longitudinal axis of the workpiece as the workpiece rotates so as to remove material, thereby forming the flanks of each helix of the first rotors thread. The value of at least one of the parameters that collectively define the relative position and relative movement of the workpiece and formed tool is varied during each pass so as to vary the lead of the thread. The above steps are repeated for a second workpiece, thereby forming the second rotor. Adjustments are made to at least one of said parameters during one or more of the passes in order to maintain mutually complementary shapes of the threads of the rotors.

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

(19) INDIA

(22) Date of filing of Application :24/06/2015

(54) Title of the invention : NOVEL TECHNIQUES FOR PREPARING MULTI -LAYER POLYMERIC AND MIXED MATRIX MEMBRANES AND A DEVICE FOR MEMBRANE DISTILLATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:B01D61/36,B01D69/06,B01D69/08 :61/753751 :17/01/2013 y:U.S.A. :PCT/IB2014/058356 :17/01/2014	1)MEMBRANE DISTILLATION DESALINATION LTD. CO. Address of Applicant :P.O. Box 926992, Amman ,11190 Jordon (72)Name of Inventor : 1)QTAISHAT ,Mohammed Rasool
Filing Date (87) International Publication		2)ALMUTTIRI, Saad
No (61) Patent of Addition to		
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided is a method of manufacturing a multilayer mixed matrix membrane which includes providing a support layer, casting a hydrophilic layer on a surface of the support layer, casting a hydrophobic layer on the hydrophilic layer, and allowing the layers to form a multilayer mixed matrix membrane. Also provided is a method of manufacturing a hollow fiber composite matrix membrane, which includes providing a first solution having a hydrophilic polymer, providing a second solution having a hydrophobic polymer, and extruding the first and second solutions to form a multilaver hollow fiber composite matrix membrane. Additionally, a plate-andframe membrane module for direct contact membrane distillation using a multilayer mixed matrix membrane is provided. The plateand-frame membrane module includes a feed inlet capable of distributing process solution throughout the membrane module, a permeate inlet capable of distributing process solution throughout the membrane module, a tortuous promoter comprising multiple flow channels, a feed outlet, and a permeate outlet.

No. of Pages : 39 No. of Claims : 37

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

(51) International classification	:B04C3/00	(71)Name of Applicant :
(31) Priority Document No	:61/748330	1)KOCH- GLITSCH LP
(32) Priority Date	:02/01/2013	Address of Applicant :4111 E. 37th Street North, Wichita
(33) Name of priority country	:U.S.A.	,Kansas 67220 U.S.A.
(86) International Application No	:PCT/US2013/072362	(72)Name of Inventor :
Filing Date	:27/11/2013	1)NIEUWOUDT, Izak
(87) International Publication No	:WO 2014/107251	2)GRIESEL, Charles A.
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : CYCLONE CYCLONE MIST ELIMINATOR AND METHOD OF USE

(57) Abstract :

A cyclone for a cyclone mist eliminator. The cyclone has an inner wall enclosing an inner chamber having an inlet end and an opposed outlet end, an outer wall surrounding and spaced outwardly from the inner wall to create an outer chamber in a spacing between the inner wall and the outer wall, openings formed in the inner wall to permit fluid in the inner chamber to pass through the openings and into the outer chamber, a swirler positioned at the inlet end of the inner chamber, and a fiber pad positioned in the outer chamber.

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

(21) Application No.10710/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/12/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : STABLE COMPOSITIONS COMPRISING CATIONIC CELLULOSE POLYMERS AND CELLULASE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application 		 (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)LABEQUE Regine
No Filing Date	:PCT/US2011/041040 :20/06/2011	
(87) International Publication No	:WO 2011/163112	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The need for a stable compact composition providing improved fabric care benefit that is also convenient to use can be met by incorporating a cationic cellulose polymer and cellulase enzyme into a non aqueous composition. The non aqueous composition can be made even more convenient to use by encapsulating in a water soluble or dispersible film to form a unit dose article. Such unit dose articles provide improved fabric feel in addition to improved colour maintenance.

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

(19) INDIA

(22) Date of filing of Application :10/12/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : PERFUME SYSTEMS (51) International classification :C11B9/00,A61Q5/02,A61Q13/00 (71)Name of Applicant : **1)THE PROCTER & GAMBLE COMPANY** (31) Priority Document No :61/357334 (32) Priority Date :22/06/2010 Address of Applicant : One Procter & Gamble Plaza Cincinnati (33) Name of priority country :U.S.A. Ohio 45202 U.S.A. (86) International Application (72)Name of Inventor: :PCT/US2011/041387 No **1)SMETS Johan** :22/06/2011 Filing Date 2) DENUTTE Hugo Robert Germain (87) International Publication **3)PINTENS An** :WO 2011/163325 No 4)VAN AKEN Koen (61) Patent of Addition to 5)VRIELYNCK Freek Annie Camiel :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

The present application relates to perfume raw materials perfume delivery systems and consumer products comprising such perfume raw materials and/or such perfume delivery systems as well as processes for making and using such perfume raw materials perfume delivery systems and consumer products. Such perfume raw materials and compositions including the delivery systems disclosed herein expand the perfume communities options as such perfume raw materials can provide variations on character and such compositions can provide desired odor profiles.

No. of Pages : 54 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :16/07/2014

(43) Publication Date : 22/01/2016

 (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 	:B02B3/04, B02B7/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)DSM IP ASSETS B. V., Address of Applicant :of Het Overloon 1, NL - 6411 TE Heerlen, THE NETHERLANDS, Netherlands (72)Name of Inventor : 1)NANDEDKAR, YATIN SHRINIWAS
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(57) Abstract :

A roller for a rice husker, the roller comprising a polymeric surface layer, which surface layer is of a polymer composition comprising a copolyester elastomer. 5

No. of Pages : 0 No. of Claims : 10

(22) Date of filing of Application :25/06/2015

(43) Publication Date : 22/01/2016

(54) The of the invention . Dist OSADL	L DIAI EKTOKTETS	
(51) International classification	:A01K23/00	(71)Name of Applicant :
(31) Priority Document No	:2012272390	1)UNI -CHARM CORPORATION
(32) Priority Date	:13/12/2012	Address of Applicant :182, Shimobun, Kinsei -cho,
(33) Name of priority country	:Japan	Shikokuchuo -shi, Ehime 7990111 Japan
(86) International Application No	:PCT/JP2013/082891	(72)Name of Inventor :
Filing Date	:06/12/2013	1)KOMATSUBARA ,Daisuke
(87) International Publication No	:WO 2014/092029	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : DISPOSABLE DIAPER FOR PETS

(57) Abstract :

[Problem] T o provide a disposable diaper lor pets having an excellent fit around the waist of the pet. [Solution] A disposable diaper for pets, having: a rear- side waist area (130); a stomach- side waist area (110); a crotch area (120); an inside surface (100Z1); an outside surface (100Z2); an absorbent core (200); an area (200) not having the absorbent core arranged therein; an attachment section (300) provided in the stomach - side waist area (11) and having a prescribed length; a hook section provided in the attachment section (300); and an attachment area (900) provided on the outside surface (100Z2) of the rear-side waist area (130) and which receives the hook section of the attachment section (300). The attachment area (900) comprises a non-woven first attachment area (900A) arranged on the outside surface (100Z2) of a diaper main body section (140B) in an area (170) not having the absorbent core arranged therein, in at least the rear-side waist area (130)

No. of Pages : 138 No. of Claims : 13

(22) Date of filing of Application :25/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : DISPOSABL	E DIAPER FOR PETS	
 (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 	:A01K23/00 :2012272383 :13/12/2012 :Japan	 (71)Name of Applicant : 1)UNI -CHARM CORPORATION Address of Applicant :182, Shimobun, Kinsei- cho, Shikokuchuo- shi ,Ehime 7990111 Japan (72)Name of Inventor : 1)KOMATSUBARA ,Daisuke

(57) Abstract :

[Problem] T o provide a disposable diaper for pets that fits well around the waist of the pet. [Solution] A disposable diaper for pets, having: a diaper longitudinal direction (Y); a diaper longitude-intersecting direction (X); a rear-side flap section (160); a stomach-side flap section (150); and a tail insertion opening (190) provided in a prescribed area in the diaper lon- gitudinal direction (Y). The disposable diaper for pets is formed such that the length (160L) in the diaper longitude-intersecting direction (X) in the rear-side flap section (160) is different from the length (150L) in the diaper longitude-intersecting direction (X) in the stomach-side flap section (150).

No. of Pages : 131 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :17/12/2013

(43) Publication Date : 22/01/2016

(54) Title of the invention : AN IMPROVED PROTECTION DEVICE FOR A VEHICLE CYLINDER LOCK

(51) International classification	:E05B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MINDA CORPORATION LIMITED
(32) Priority Date	:NA	Address of Applicant : an Indian Company, of D 6-11, Sector
(33) Name of priority country	:NA	59, Noida, India Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Deepak Goswami
(87) International Publication No	: NA	2)Diwakar Varshney
(61) Patent of Addition to Application Number	:NA	3)Sumeet Verma
Filing Date	:NA	4)Vikram Puri
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved protecting device for a vehicle cylinder lock. More particularly, the said invention relates to a safety device for a cylinder lock capable of facilitating the automatic closing operation of a shutter plate while removing a mechanical key (which the shutter plate closes the key hole) and preventing the mechanical key to strike with the shutter plate while moving to close position and thereby achieving the entire operation as smooth, devoid of any unwanted noises and scratches on the mechanical key and improving the theft prevention effect. [FIGURE 11

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

(22) Date of filing of Application :25/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : ELECTRIC MACHINE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:MI2012A002268 :28/12/2012 :Italy	 (71)Name of Applicant : 1)WILIC S.AR.L. Address of Applicant :1, Boulevard de la Foire, L-1528 Luxembourg Luxembourg
(86) International Application No Filing Date	:PCT/IB2013/061380 :27/12/2013	(72)Name of Inventor : 1)SCUOTTO, Mattia
(87) International Publication No(61) Patent of Addition to Application	:WO 2014/102751 :NA	2)FOLIE ,Georg
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An electric machine having a stator (2), and a rotor (3) which rotates with respect to the stator (2) about an axis of rotation (A); the rotor (3) having rotor segments (7) arranged about the axis of rotation (A); each rotor segment (7) having at least a first module (15) and a second module (16) of material with magnetic properties , and arranged radially , more specifically aligned radially with each other , with respect to the axis of rotation (A); and the electric machine being characterized in that the first module and second module (15, 16) have different magnetic characteristics.

No. of Pages : 23 No. of Claims : 13

(22) Date of filing of Application :25/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : DISPOSABL	E DIAPER FOR PETS	
 (54) Title of the invention : DISPOSABLE (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 	:A01K23/00 :2012272379 :13/12/2012 :Japan	 (71)Name of Applicant : 1)UNI- CHARM CORPORATION Address of Applicant :182, Shimobun, Kinsei- cho, Shikokuchuo- shi ,Ehime 7990111 Japan (72)Name of Inventor : 1)KOMATSUBARA ,Daisuke

(57) Abstract :

[Problem] T o provide a disposable diaper for pets, that i s easy t o attach to pets. [Solution] A disposable diaper for pets, having: a diaper longitudinal direction (Y), a diaper longitude-intersecting direction (X) being a direction interesting the diaper longitudinal direction (Y); a rear-side flap section (160); a stomach- side flap section (150); and a reference virtual straight line (100Y1) being a straight line in the longitudinal direction (Y) of the disposable diaper (10) for pets. The rear-side flap section (160) is configured such that the distance : from the reference virtual straight line (100Y1) to an end section (160B) on the longitudinal in tersection direction of the rear-side flap section (160) differs relative t o the diaper longitudinal direction (Y).

No. of Pages : 128 No. of Claims : 10

(21) Application No.5602/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :25/06/2015

(43) Publication Date : 22/01/2016

 (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 	:B65H83/00 :201210532471.8 :11/12/2012 :China :PCT/CN2013/078280 :28/06/2013 :WO 2014/089961 :NA :NA :NA	 (71)Name of Applicant : 1)GRG BANKING EQUIPMENT CO., LTD. Address of Applicant :9 ,Kelin Road ,Science City, Luogang District, Guangzhou, Guangdong 510663 China (72)Name of Inventor : 1)XU, Huan 2)LI ,Zhimin 3)HAN ,Ying 4)LI ,Zhe
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(54) Title of the invention : PAPER MONEY TEMPORARY STORAGE DEVICE

(57) Abstract :

A paper money temporary storage device comprises: a pair of coiling tapes (35) for holding paper money to b e stored temporarily; a large coiling drum (20) for temporarily storing the paper money through accommodating the coiling tapes holding the paper money to b e stored temporarily, an upper coiling drum component (28) and a lower coiling drum component (25) respectively used for accommodating or releasing the coiling tapes; a paper money inlet/outlet, comprising an upper passage plate (58) and a lower passage plate (66) that are oppositely arranged as well as a pair of holding rollers that are meshed, the pair of meshed holding rollers comprising an upper holding roller (74) and a lower holding roller (75), and the upper holding roller (74) and the lower holding roller (75) being respectively arranged at one ends, close t o the coiling tapes, of the upper passage plate (58) and the lower passage plate (66); and a coiling drum guide plate (47) and a pressing body (45) matched with the coiling drum guide plate, one end of the coiling tightly to the periphery of the large coiling drum (20), while the other end being connected with the lower holding roller (75), and the pressing body (45) being meshed with the coiling drum guide plate (47) in the middle of the coiling drum guide plate (47). When the paper money passes through the meshing point of the coil drum guide plate (46) and the pressing body (45), the upwarping part of the paper money can be flattened by pressing, so that the corners of the paper money can be prevented from folding.

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

(19) INDIA

(22) Date of filing of Application :25/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND APPARATUS FOR WASTEWATER TREATMENT USING GRAVIMETRIC SELECTION

 (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 	:C02F1/38,C02F3/30 :61/730196 :27/11/2012 :U.S.A. :PCT/US2013/072345 :27/11/2013 :WO 2014/085662 :NA :NA	5)WETT, Bernhard 6)BOTT, Charles 7)MURTHY, Sudhir (72)Name of Inventor :
Filing Date	:NA	3)WETT ,Bernhard 4)BOTT ,Charles 5)MURTHY ,Sudhir

(57) Abstract :

A method and a system for selecting and retaining solids with superior settling characteristics, the method comprising feeding wastewater to an input of a processor that carries out a treatment process on the wastewater, outputting processed wastewater at an output of the processor, feeding the processed wastewater to an input of a gravimetric selector that selects solids with superior settling characteristics, and outputting a recycle stream at a first output of the gravimetric selector back to the processor.

No. of Pages : 36 No. of Claims : 30

(19) INDIA

(22) Date of filing of Application :25/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : EXTENDED SYSTEM INFORMATION DISTRIBUTION MECHANISMS

 (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 	:H04W48/10,H04W48/12 :61/769073 :25/02/2013 :U.S.A. :PCT/SE2014/050074 :22/01/2014 :WO 2014/129951 :NA :NA :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)BRISMAR ,Sofia 2)OVESJ-, Fredrik 3)RUNE ,Johan 4)LARSSON ,Erik 5)BERGSTR-M, Joakim
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(57) Abstract :

A disclosed method is implemented by a network node in a wireless communication network to transmitting system information to a plurality of wireless terminals. The network node transmits a first group of system information blocks (SIBs) via a first physical channel and transmits a second group of additional SIBs via a different second physical channel. A corresponding network node operative to implement the method is also disclosed. Another disclosed method is implemented by a wireless terminal in a wireless communication network. The wireless terminal processes information received from a base station over a first physical channel to identify a first group of SIBs and processes information received from the base station over a different second physical channel to identify a second group of additional SIBs. A corresponding wireless terminal operative to implement the method is also disclosed.

No. of Pages : 47 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :25/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : A NETWORK NODE AND A METHOD OF A NETWORK NODE OF CONTROLLING DATA PACKET DELIVERY TO A MOBILE TERMINAL IN CASE OF DATA RATE THROTTLING AFTER HAVING REACHED A DATA DOWNLOAD CAP

(51) International classification:H04W28/22,(31) Priority Document No (32) Priority Date:NA(33) Name of priority country:NA(33) Name of priority country:NA(36) International Application No Filing Date:PCT/EP2013 :22/02/2013(87) International Publication No (61) Patent of Addition to Application Number Filing Date:WO 2014/12 :NA(62) Divisional to Application Number Filing Date:NA :NA(62) Divisional to Filing Date:NA :NA	,H04 w 76/04,H04L12/56 3/053534	 (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :S- 164 83 Stockholm Sweden (72)Name of Inventor : 1)SKOG,Robert 2)K-LHI ,Johan 3)LOHMAR ,Thorsten 4)AXELSSON, Anders 5)MATHIASEN ,Dan
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(57) Abstract :

The present invention relates to a network node (14, 18, 21) and a method of a network node of controlling data delivery to a mobile terminal (11, 12, 13) in case of data rate throttling after having reached a data download cap. The meth 11 od comprises the steps of acquiring (S101) the data to be delivered to the mobile terminal, receiving (SI 02) an indication that a data download cap for the mobile terminal has been reached, and buffering (SI 03) the acquired data. The method further comprises the step of delivering (SI 04) the buffered data to the mobile terminal in bursts.

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

(19) INDIA

(22) Date of filing of Application :25/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : SYSTEM AND METHOD FOR ACCESSING A CONFERENCE 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 Filing Date 	:13/705337 :05/12/2012 :U.S.A. :PCT/IB2013/060642 :04/12/2013 :WO 2014/087351 :NA :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)BENNETT, JR. ,Reed
Filing Date	:NA	

(57) Abstract :

A user equipment, method, non-transitory computer-readable storage medium, a system of connecting a user equipment to a conference system are provided. According to an embodiment of the present invention, a conference dialer application receives a meeting notification from a calendar application, where the meeting notification describes a meeting hosted on a conference system and includes at least one conference access code used to access the conference system. The conference dialer application prompts the user for voice input. The conference dialer application receives a first voice input from the user indicating to the user equipment to join the meeting on the conference access code in order to join the meeting. Finally, the conference dialer application, via a telephone dialer application, connects the user equipment to the meeting on the conference system.

No. of Pages : 38 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :11/12/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : SUTURE DELIVERY TOOLS FOR ENDOSCOPIC AND ROBOT-ASSISTED SURGERY 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 (62) Divisional to Application Number Filing Date 	:A61B :61/354,009 :11/06/2010 :U.S.A. :PCT/US2011/040014 :10/06/2011 :WO/2011/156733 :NA :NA :NA :NA	 (71)Name of Applicant : ETHICON LLC Address of Applicant :Road 183 KM 8.3 Hato Industrial Area San Lorenzo PR 00754 U.S.A. (72)Name of Inventor : RUI AVELAR LEV DRUBETSKY ALEXANDER NAIMAGON
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(57) Abstract :

A suture delivery tool releasably secures a self-retaining suture to permit delivery of the self-retaining suture to a surgical site in a patient through an access port. Suture delivery tools are disclosed suitable for manual operation and operation using robotically-assisted surgical systems. In some embodiments, a suture spool is part of a cartridge which is releasably attached to the suture delivery tool. Cartridges is, in some embodiments, replaced after deployment of the self-retaining suture and different cartridges having different self-retaining suture are, in some embodiments, selected and attached to the suture delivery tool as required for a procedure.

No. of Pages : 67 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :25/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : CATALYST COMPOSITIONS AND USE THEREOF IN CATALYTIC BIOMASS PYROLYSIS

 (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 	:B01J23/24,B01J21/06,B01J21/08 :61/733142 :04/12/2012 :U.S.A. :PCT/US2013/072948 :04/12/2013 :WO 2014/089131 :NA :NA	 (71)Name of Applicant : 1)RESEARCH TRIANGLE INSTITUTE Address of Applicant :3040 Cornwallis Road, Research Triangle Park, NC 27709 U.S.A. (72)Name of Inventor : 1)DAYTON, David, C. 2)PAVANI ,Maruthi ,Sreekanth 3)CARPENTER, John, R. III 4)VON HOLLE ,Matthew
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A catalyst is described that is useful for catalytic pyrolysis of biomass to produce a pyrolysis product. The catalyst in cludes (i) matrix material comprising a support and/or binder, and (ii) at least one metal oxide on the matrix material, wherein the metal oxide comprises metal selected from the group consisting of tungsten, chromium, cobalt, molybdenum, nickel, and combinations thereof. Corresponding catalytic pyrolysis processes and catalytic pyrolysis apparatus are disclosed, in which the catalyst enables the production of low oxygen content, stable liquid intermediates that can be refined to make liquid hydrocarbon fuels.

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

(19) INDIA

(22) Date of filing of Application :25/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : IMAGE PROCESSING DEVICE, IMAGE PROCESSING METHOD, AND CONTROL 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 	:G06T5/00,H04N1/409,H04N5/21 :2013242835 :25/11/2013 :Japan :PCT/JP2014/050489 :15/01/2014 :WO 2015/075952	 (71)Name of Applicant : 1)NIPPON SYSTEMWARE CO., LTD. Address of Applicant :31- 11 ,Sakuragaoka- cho ,Shibuya -ku ,Tokyo 1508577 Japan (72)Name of Inventor : 1)KONDOU ,Tsuyoshi
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

[Problem] f o remove haze i n a n image rap idly and with a low processing load. [Solution] A image processing device i s provided with: a dark channel image generating unit (20) which generates a dark channel image on the basis o f a n input image; a transmissivity image generating unit (30) which generates a transmissivity image on the basis o f an atmospheric light pixel value and the dark channel image generated b y the dark channel image generating unit (20); a transmissivity correcting unit (40) which corrects the transmissivity image generated by the transmissivity image generating unit (30); and a dehazed image generating unit (60) which removes haze i n the input image on the basis o f the input image, the atmospheric light pixel value, and the transmissivity image that has been corrected by the transmissivity correcting unit (40).

No. of Pages : 42 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :25/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : NOVEL COMPOUND FOR IMAGING TAU PROTEIN ACCUMULATED IN THE BRAIN

(51) International classification (31) Priority Document No	:C07D277/64,A61K49/00,A61K51/00 :NA	(71)Name of Applicant : 1)NATIONAL INSTITUTE OF RADIOLOGICAL SCIENCES
(32) Priority Date	:NA	Address of Applicant :4- 9- 1, Anagawa, Inage- ku, Chiba- shi
(33) Name of priority country	:NA	,Chiba 2638555 Japan (72) Name of Inventor :
(86) International Application No Filing Date	:PCT/JP2012/083286 :21/12/2012	1)HIGUCHI Makoto 2)SUHARA Tetsuya 3)MARUYAMA Masahiro
(87) International Publication No	:WO 2014/097474	4)CHO Meiei 5)SHIMADA Hitoshi
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided is a compound represented by formula (I), a pharmaceutically acceptable salt thereof or a solvate thereof. Formula (I) (In the formula: Ri and R2 are each independently selected from the group consisting of hydrogen, alkyl, alkenyl, acyl and hydroxyalkyl; R3 is hydrogen or halogen; ring A is a benzene ring or a pyridine ring; ring B is selected from the group consisting of formulas (i), (ii), (iii) and (iv), wherein in formula (ii), Ra is an alkyl; R4 and R5 are each independently selected from the group consisting of hydrogen, hydroxy, alkoxy, haloalkoxy, halohydroxyalkoxy and aminoalkyl; and BB represents a double bond or a triple bond.) This compound can be used as a molecular probe for imaging tau protein that is accumulated in the brain.

No. of Pages : 160 No. of Claims : 34

(19) INDIA

(22) Date of filing of Application :10/12/2012

(43) Publication Date : 22/01/2016

, ,		1
(51) International classification	:B41G	(71)Name of Applicant :
(31) Priority Document No	:61/346,323	1)BAKER HUGHES INCORPORATED
(32) Priority Date	:19/05/2010	Address of Applicant :2929 Allen Parkway Suite 2100
(33) Name of priority country	:U.S.A.	Houston TX 77019 U.S.A.
(86) International Application No	:PCT/US2011/037005	(72)Name of Inventor :
Filing Date	:18/05/2011	1)LANCE NIGEL PORTMAN
(87) International Publication No	:WO/2011/146623	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : APPARATUS AND METHODS FOR PROVIDING TUBING INTO A SUBSEA WELL •

(57) Abstract :

In some embodiments, apparatus useful for providing tubing into an underwater well includes at least one surface injector configured to control movement of the tubing into and out of the well and at least one underwater injector configured to apply pushing and pulling forces to the tubing.

No. of Pages : 49 No. of Claims : 59

(19) INDIA

(22) Date of filing of Application :10/12/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : COMPOSITIONS METHODS AND SYSTEMS FOR THE SYNTHESIS AND USE OF **IMAGING AGENTS** •

(57) Abstract :

The present invention generally relates to novel synthetic methods, systems, kits, salts, and precursors useful in medical imaging. In some embodiments, the present invention provides compositions comprising an imaging agent precursor, which may be formed using the synthetic methods described herein. An imaging agent may be converted to an imaging agent using the methods described herein. In some cases, the imaging agent is enriched in 18F. In some cases, an imaging agent including salt forms (e.g., ascorbate salt) may be used to image an area of interest in a subject, including, but not limited to, the heart, cardiovascular system, cardiac vessels, brain, and other organs.

No. of Pages : 169 No. of Claims : 102

(19) INDIA

(22) Date of filing of Application :14/10/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : LIGHTWEIGHT, DUA	AL HAZARD FA	ABRICS
 (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 	:C08F4/40 :62/024,619 :15/07/2014 :U.S.A. :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant : 1)DRIFIRE, LLC

(57) Abstract :

Lightweight fabrics with a balance of high thermal properties, especially arc resistance and flash fire resistance, on the one hand, and durability and comfort properties, on the other hand, are disclosed. Articles, such as garments and linen, made from the lightweight fabrics are also disclosed. Spun yarns made with an intimate blend of fibers including flame resistant fiber, fire-resistant hydrophilic fibers, and a low level of anti-static fibers are described. The lightweight fabrics are particularly useful in garments for utility workers, industrial workers, military personnel, and firefighters.

No. of Pages : 34 No. of Claims : 42

(19) INDIA

(22) Date of filing of Application :25/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : CONSTRUCTION MACHINERY DISPLAY SYSTEM AND CONTROL METHOD FOR SAME

(51) International classification	:E02F9/26,G06T19/00	(71)Name of Applicant :
(31) Priority Document No	:2012287599	1)KOMATSU LTD.
(32) Priority Date	:28/12/2012	Address of Applicant :2- 3- 6, Akasaka ,Minato- ku ,Tokyo
(33) Name of priority country	:Japan	1078414 Japan
(86) International Application No	:PCT/JP2013/079133	(72)Name of Inventor :
Filing Date	:28/10/2013	1)TSUBONE, Dai
(87) International Publication No	:WO 2014/103498	2)KURIHARA Takashi
(61) Patent of Addition to Application	:NA	3)FUKANO Ryo
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		·

(57) Abstract :

A display system (28) comprises stroke sensors (16 - 18) that detect position information of a work machine with respect to the body, a real image display unit (40), a combiner (42), and a display controller (29). The display controller (39) controls, on the basis of the position information of the work machine, the display location of the work assistance information on the surface of the combiner (42) and the display location depth toward the front of a cab. A projected image of the work assistance information is displayed around the perimeter of the work machine for the operator to perceive.

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

(19) INDIA

(22) Date of filing of Application :25/06/2015

(21) Application No.5620/DELNP/2015 A

(43) Publication Date : 22/01/2016

ON (PUBL)
eden

(54) Title of the invention : JOB HOMING

(57) Abstract :

A method executed by a controller of a plurality of processing elements to reduce processing time of a data packet in a network element. The processing elements are arranged in a matrix. Each processing element has a point to point connection with each adjacent processing element, known as a hop. Each processing element also includes a separate processing element storage. The data packet includes a data and a descriptor, the data being transmitted to a first processing element for storage before the descriptor is received by the controller, and the data being processed after the descriptor is received. The method includes receiving the descriptor at the controller, determining that the first processing element does not have an available resource for processing the data, determining a second processing element based on a least number of hops to the first processing element, and transmitting the descriptor to the second processing element.

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

(19) INDIA

(22) Date of filing of Application :10/12/2012

(43) Publication Date : 22/01/2016

(51) International classification	:G06F15/177	(71)Name of Applicant :
(31) Priority Document No	:61/333130	1)ICONTROL NETWORKS INC
(32) Priority Date	:10/05/2010	Address of Applicant :3045 Park Blvd. 2nd Floor Palo Alto
(33) Name of priority country	:U.S.A.	CA 94306 U.S.A.
(86) International Application No	:PCT/US2011/035994	(72)Name of Inventor :
Filing Date	:10/05/2011	1)SUNDERMEYER Ken
(87) International Publication No	:WO 2011/143273	2)DAWES Paul
(61) Patent of Addition to Application	:NA	3)FULKER Jim
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : CONTROL SYSTEM USER INTERFACE

(57) Abstract :

Embodiments include systems and methods comprising a gateway located at a premise forming at least one network on the premise that includes a plurality of premise devices. A sensor user interface (SUI) is coupled to the gateway and presented to a user via a remote device. The SUI includes at least one display element. The at least one display element includes a floor plan display that represents at least one floor of the premise. The floor plan display visually and separately indicates a location and a current state of each premise device of the plurality of premise devices.

No. of Pages : 180 No. of Claims : 216

(22) Date of filing of Application :24/10/1996

(43) Publication Date : 22/01/2016

(54) Title of the invention : A SPEECH ENCODING APPRATUS

 (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 	:Japan :NA :NA :NA	 (71)Name of Applicant : 1)SONY CORPORATION Address of Applicant :7-35, KITASHINAGAWA, 6-CHOME, SHINAGAWA-KU, TOKYO,JAPAN Japan (72)Name of Inventor : 1)MASAYUKI NISHIGUCHI 2)KAZUYUKI IIJIMA 3)JUN MATSUMOTO 4)SHIRO OMORI
Filing Date		3)JUN MATSUMOTO
(61) Patent of Addition to Application Number	:NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract :

A speech encoding method and apparatus whereby the bit rate of encoded data can be made variable. An output vector x. is weighted vector quantized by a vector quantization unit 502 of a first vector quantization unit 500. The shape index is outputted at an output terminal 503, while a quantized value X0 is subtracted from a source vector x at an adder 505. The resulting quantization error vector y is dimensionally divided by a second vector quantization unit 510. The resulting weighted vector quantized shape index data are outputted at output terminals 5121, 5122. The quantized values Y1 and Y2 are dimensionally combined and added by an adder 513 to the quantized value X0. The resulting quantized value X1 is outputted.

No. of Pages : 67 No. of Claims : 2

(22) Date of filing of Application :25/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : ICE MAKER		
(51) International classification (31) Priority Document No	:F25C1/12 :13/728555	(71)Name of Applicant : 1)OXEN , INC.
(32) Priority Date	:27/12/2012	Address of Applicant :172 N. 85 Parkway, Fayetteville ,GA
(33) Name of priority country	:U.S.A.	30214 U.S.A.
(86) International Application No	:PCT/US2013/077526	(72)Name of Inventor :
Filing Date	:23/12/2013	1)HOTI,Milaim
(87) International Publication No	:WO 2014/105838	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed are various embodiments for systems, apparatus, and methods for making ice. According to some embodiments, a refrigerant tube is disposed within an ice formation cell. The ice formation cell receives a water stream, and the portion of the water stream makes direct contact with the refrigerant tube is frozen by the refrigerant tube. Thus, an ice piece is generated.

No. of Pages : 58 No. of Claims : 30

(19) INDIA

(22) Date of filing of Application :25/06/2015

(43) Publication Date : 22/01/2016

	ek control bibili	
(51) International classification	:G06F13/40	(71)Name of Applicant :
(31) Priority Document No	:61/735714	1)AGILESWITCH, LLC
(32) Priority Date	:11/12/2012	Address of Applicant :1650 Arch Street, #1905, Philadelphia,
(33) Name of priority country	:U.S.A.	PA 19103 U.S.A.
(86) International Application No	:PCT/US2013/073835	(72)Name of Inventor :
Filing Date	:09/12/2013	1)CHARPENTIER, Albert
(87) International Publication No	:WO 2014/093208	2)SMITH, Alan ,K.
(61) Patent of Addition to Application	:NA	3)WEBER, Robin, L.
Number	:NA :NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : POWER STACK CONTROL SYSTEMS

(57) Abstract :

The disclosed inventions relate to the field of power control electronics. More specifically the disclosed inventions pertain to Power Stack Control Systems which are used to control the generation of AC power from a DC or AC input voltage. The disclosed Power Stack Control Systems include a serial interface connection, the serial interface connection being in serial electrical communication with a plurality of power stacks, the plurality of power stacks comprising at least one interface board and at least one IGBT driver board, the at least one interface board being in parallel communication with at least one IGBT driver board.

No. of Pages : 40 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :25/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : POWER DISTRIBUTION SYSTEM WITH TESTING OF TRANSMISSION LINE

 (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 	:H02H3/30,H02H7/26,H02H1/00 :13/707842 :07/12/2012 :U.S.A. :PCT/US2013/073375 :05/12/2013 o:WO 2014/089329 :NA :NA :NA	 (71)Name of Applicant : 1)VOLTSERVER INC. Address of Applicant :9 General Stanton Drive, Charlestown ,Rhode Island 02813 U.S.A. (72)Name of Inventor : 1)EAVES, Stephen
I ming Dute		

(57) Abstract :

A power distribution system for regulating energy transfer from a source includes a source controller responsive to a source sensor that provides feedback including a signal indicative of the voltage across the source terminals; a source disconnect device responsive to a control signal from the source controller for electrically connecting or disconnecting the source from the source terminals, wherein the source controller interrupts the supply of power by opening the source disconnect device when voltage is measured across the source terminals; a load disconnect device for electrically decoupling the load from the load terminals; and a logic device in the source controller for determining whether the source disconnect device is to be opened to interrupt the electrical connection between the source and source terminals based on a predetermined set of conditions including whether the change in voltage across the source terminals in respect to time falls outside a predetermined range.

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

(19) INDIA

(22) Date of filing of Application :26/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : COPPER INTRAUTERINE DEVICE			
 (54) Title of the invention : COPPER INT (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 		 (71)Name of Applicant : 1)LABORATOIRE HRA- PHARMA Address of Applicant :15 rue Branger, F -75003 Paris France 2)THE POPULATION COUNCIL ,INC. (72)Name of Inventor : 1)ULMANN, Andr 2)GAINER, Erin 	
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	3)LEVY, Delphine 4)SEGUIN ,Christine 5)BATTUNG ,Florian 6)SITRUK- WARE, Regine	

(57) Abstract :

The invention relates to a copper contraceptive intrauterine system (IUS) with a flexible frame, which system is further capable of releasing a selective progesterone receptor modulator (SPRM), such as ulipristal acetate , for reducing or preventing bleeding side effects.

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

(19) INDIA

(22) Date of filing of Application :26/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : DIVERTING FLOW IN A DRILLING FLUID CIRCULATION SYSTEM TO REGULATE DRILLING FLUID PRESSURE

 (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 :PCT/US2013/031003 :13/03/2013 :WO 2014/142846 :NA :NA :NA	 (71)Name of Applicant : 1)HALLIBURTON ENERGY SERVICES INC. Address of Applicant :10200 Bellaire Blvd., Houston, TX 77072 U.S.A. (72)Name of Inventor : 1)DAVIS ,Nancy, Suzan 2)BUTLER ,Cody ,Neal
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Diverting flow in a drilling fluid circulation system to regulate drilling fluid pressure. A pump of a drilling fluid pressure regulation system for a well bore can discharge drilling fluid through discharge piping at flow rate. A pressure control device has an inlet connected to the discharge piping and an outlet connected to bypass piping. A processor connected to the pump and the pressure control device can adjust the pressure control device to modify a pressure of the drilling fluid by at least partially opening the pressure control device and releasing drilling fluid into the bypass piping at a selected flow rate. The processor can modify the drilling fluid flow rate in the discharge piping based on the pressure represented by the pressure measurement signals and the selected flow rate in the bypass piping such that the target pressure parameter of the drilling fluid in the discharge piping is satisfied.

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

(19) INDIA

(22) Date of filing of Application :26/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : CUTTING INSERT AND ROTARY CUTTING TOOL WITH REPLACEABLE BLADE EDGE

 (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 	:B23F21/14,B23C5/08,B23C5/20 :2012283942 :27/12/2012 :Japan :PCT/JP2013/084989 :26/12/2013 :WO 2014/104245 :NA :NA	 (71)Name of Applicant : TUNGALOY CORPORATION Address of Applicant :11 -1, Yoshima -Kogyodanchi, Iwakishi, Fukushima 9701144 Japan (72)Name of Inventor : BHAGATH Kedar Suresh SHINJYO Yuji SAITOH Isamu
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a cutting insert (1) provided with a cutting blade with an approximate shape of an involute curve. A cutting blade (18) is formed so as to have a first curved shape with a first curvature radius as a whole when viewed from an end surface of a cutting insert, and is formed such that a large portion thereof has a second curved shape with a second curvature radius when viewed from a side surface of the cutting insert.

No. of Pages : 64 No. of Claims : 15

(22) Date of filing of Application :26/06/2015

(43) Publication Date : 22/01/2016

(34) The of the invention DISPOSABLE	DIAFER FOR FEIS	
(51) International classification	:A01K23/00	(71)Name of Applicant :
(31) Priority Document No	:2012272371	1)UNI CHARM CORPORATION
(32) Priority Date	:13/12/2012	Address of Applicant :182 Shimobun Kinsei cho Shikokuchuo
(33) Name of priority country	:Japan	shi Ehime 7990111 Japan
(86) International Application No	:PCT/JP2013/081453	(72)Name of Inventor :
Filing Date	:21/11/2013	1)KOMATSUBARA Daisuke
(87) International Publication No	:WO 2014/091900	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : DISPOSABLE DIAPER FOR PETS

(57) Abstract :

[Problem] To provide a disposable diaper for pets that fits well around the waist of the pet. [Solution] A disposable diaper for pets, in which a fixed section in an attachment section overlaps with an expanding/contracting elastic member for the waist, said disposable diaper for pets having: a rear -side waist area (130); a stomach -side waist area (110); a crotch area (120); both end sections (130A, 110A) in the diaper longitudinal direction; both end sections (120A) in the diaper longitude -intersecting direction; a tail insertion opening (190); an absorbent core (200); an area (170) not having the absorbent core arranged therein; a flap section (150) provided in the stomach -side waist area and having an end section in the rear side direction; an attachment section (300) having the fixed section (320) arranged in the flap section (150) and a free section (310) extending from the flap section (150); the expanding/contracting elastic member for the waist (520); and an attachment area (900) that receives the attachment section (300).

No. of Pages : 70 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :26/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : FILMS OF POLY ALPHA -1, 3 -GLUCAN ESTERS AND METHOD FOR THEIR PREPARATION

 (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 	:PCT/US2013/076905 :20/12/2013 :U.S.A. :PCT/US2014/044281 :26/06/2014 :WO 2015/094402 :NA :NA	 (71)Name of Applicant : 1)E. I. DU PONT DE NEMOURS AND COMPANY Address of Applicant :1007 Market Street Wilmington Delaware 19898 U.S.A. (72)Name of Inventor : 1)KASAT Rahul B. 2)PAULLIN Jayme L.
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Poly alpha-l,3-glucan ester compounds are disclosed herein with a degree of substitution of about 0.05 to about 3.0. Also disclosed are methods of producing poly alpha-l,3-glucan ester compounds and films made therefrom.

No. of Pages : 48 No. of Claims : 7

(21) Application No.5650/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :26/06/2015

(43) Publication Date : 22/01/2016

:A61M5/32,A61M5/50	(71)Name of Applicant :
:61/740207	1)BENCHA INTERNATIONAL GROUP INC.
:20/12/2012	Address of Applicant :No.413 Ming- Hsouie Rd., Zhongshar
:U.S.A.	District, Taipei City, Taiwan China
:PCT/CN2013/089924	(72)Name of Inventor :
:19/12/2013	1)LIN LEE ,Lee
:WO 2014/094626	2)Chang, Wen -Hsu
·NI A	
:NA	
:NA	
:NA	
	:61/740207 :20/12/2012 :U.S.A. :PCT/CN2013/089924 :19/12/2013 :WO 2014/094626 :NA :NA :NA

(54) Title of the invention : PREFILLABLE AUTO- RETRACTABLE SAFETY SYRINGE

(57) Abstract :

A retractable safety syringe (1) includes a retractable needle hub (4) holding a needle (40) and having a first guiding means (42), a hollow barrel (2) having a second guiding means (22) set correspondingly to the first guiding means (42), a collapsible plunger (6) comprising a first plunger element (64) having a protrusion (603) releasably coupled with a second plunger element (62)having a longitudinal slot (602) with a pinched zone (602 1) to curb the movement of said protrusion (603), and a spring (8) disposed between the needle hub (4) and the hollow barrel (2) and acts between the needle hub (4) and the hollow barrel (2). The uncoupling of the collapsible plunger (6) triggers the retraction mechanism to enable the needle hub (4) to retract into the barrel (2) by a longitudinal slot (602) and a protrusion (603) to facilitate the retreating of the collapsible plunger (6) in an orderly way.

No. of Pages : 44 No. of Claims : 29

(19) INDIA

(22) Date of filing of Application :26/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : PLUG-IN PUMP FOR A COMMON-RAIL SYSTEM AND ENGESTE ARRANGEMENT HAVING AN INTERNAL COMBUSTION ENGINE, HAVING A COMMON RAIL SYSTEM AND HAVING A PLUG-ESI PUMP

(51) International classification	:F04B53/16,F04B53/08,F02M53/00	I)CONTINENTAL AUTOMOTIVE GMBH
(31) Priority Document No	:10 2013 220 600.3	Address of Applicant :Vahrenwalder Strae 9, 30165 Hannover
(32) Priority Date	:11/10/2013	Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/EP2014/071676 :09/10/2014	1)NIGRIN Uwe 2)VU Ngoc Tam 3)EDERER Andreas
(87) International Publication No	:WO 2015/052289	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A plug-in pump (2) for a common-rail System has a pump housing (7), with a cylinder formed therein and with a piston (24) guided therein, a fuel inlet(33) and a fuel outlet (36). The pump housing (7)furthermore has a plug-in section (8) for inserting the pump housing (7) into an opening (10) of an engine component(6), and has a flange (12), which delimits the plug-in section (8), for fastening the pump housing (7) to the engine component (6). To cool the plug-in pump, the pump housing(7) has at least one flow duct (38) with a separate fluid inlet (40, 48) and a separate fluid outlet (41, 52). The fluid inlet (40, 48) is connectable to a fluid-discharging line of the internal combustion engine, and the fluid outlet (41, 52) is connectable to a fluid-receiving line of the internal combustion engine.

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

(19) INDIA

(22) Date of filing of Application :26/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : REACTION ACCELERATOR FOR A COPOLYMERISATION, ELECTRICAL- INSULATION TAPE, ELECTRICAL INSULATION BODY , AND CONSOLIDATION BODY

(51) International classification	:C08G59/42,C08G59/68,H01B3/04	(71)Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT
(31) Priority Document No	:13153860.5	Address of Applicant :Wittelsbacherplatz 2, 80333 M ¹ /4nchen
(32) Priority Date	:04/02/2013	Germany
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/EP2014/051330 :23/01/2014	1)BROCKSCHMIDT ,Mario 2)POHLMANN ,Friedhelm 3)RAINER ,Frank
(87) International Publication No	:WO 2014/118077	
(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 the use of a Compound having the structural formula RC02 R2 C02- Zn2 + as a reaction accelerator for the copolymerisation of a mixture of a carboxylic acid anhydride and an oxirane, wherein R1 and R2 are a straightchained or branched alkyl group independently of each other .

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

(19) INDIA

(22) Date of filing of Application :26/06/2015

(43) Publication Date : 22/01/2016

(51) International classification	:G06Q20/00	(71)Name of Applicant :
(31) Priority Document No	:61/731211	1)GILBARCO, INC.
(32) Priority Date	:29/11/2012	Address of Applicant :7300 W. Friendly Avenue, Greensboro
(33) Name of priority country	:U.S.A.	,North Carolina 27410 U.S.A.
(86) International Application No	:PCT/US2013/071897	2)GILBARCO S.R.L.
Filing Date	:26/11/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2014/085399	1)WILLIAMS, Rodger K.
(61) Patent of Addition to Application	:NA	2)CARAPELLI, Giovanni
Number	:NA	
Filing Date	.114	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : FUEL DISPENSER USER INTERFACE SYSTEM ARCHITECTURE

(57) Abstract :

A vending machine can include a touch display and a touch controller operatively connected to the touch display and configured to transmit display data to the touch display and receive input data from a touchscreen function of the touch display. The vending machine also includes a secure device operatively connected to the touch display for securing the display by managing touch input information provided to one or more applications based on the input data received from the touchscreen functionality. The vending machine has a processor operatively connected to the secure device for communicating access requests for the touch display to the secure device from the one or more applications along with an indication of whether the one or more applications further based at least in part on the indication.

No. of Pages : 35 No. of Claims : 37

(22) Date of filing of Application :23/06/2015

(54) Title of the invention : PRESS- FORMING METHOD

(43) Publication Date : 22/01/2016

(51) International classification	:B21D22/26,B21D24/04	(71)Name of Applicant :
(31) Priority Document No	:2013001832	1)NIPPON STEEL & SUMITOMO METAL
(32) Priority Date	:09/01/2013	CORPORATION
(33) Name of priority country	:Japan	Address of Applicant :6- 1, Marunouchi 2- chome, Chiyoda
(86) International Application No	:PCT/JP2013/084881	ku, Tokyo 100-8071 Japan
Filing Date	:26/12/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2014/109245	1)YAMAGATA Mitsuharu
(61) Patent of Addition to Application	:NA	2)YAMAMOTO Shuji
Number	:NA :NA	3)WADA Yasuhiro
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A press- forming device (1a) successively carries out: a first step in which a plate- shaped workpiece is pushed into the inside of a die (14) by a punch (11) for formation , and formed into a cup shaped workpiece (B); a second step in which a pressure member (12) is brought into contact with the end part of a cup vertical wall section (B1) , and the cup- shaped workpiece (B) is moved relative to the location at which a space (S2) is formed between a cup bottom section (B2) and the punch (11) for formation; and a third step in which a counter punch (13) is brought close to the punch (11) for formation, and thus the cup bottom section (B2) is pushed into the side of the punch (11) for formation and compressed by the punch (11) for formation and the counter punch (13), causing the material of the cup vertical wall section (B1) to flow into a cup shoulder section (B3) , thickening the cup shoulder section (B3).

No. of Pages : 39 No. of Claims : 5

(21) Application No.5519/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :23/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : WATER -BASED CARBONATED BEVERAGE

(32) Priority Date:25/12/2012Addree(33) Name of priority country:Japan,Tokyo 12(86) International Application:PCT/JP2013/083336:12/12/2013No:12/12/20132)YAM	TAISHO PHARMACEUTICAL CO., LTD. Address of Applicant :24- 1, Takada 3- chome, Toshima- ku yo 170-8633 Japan Name of Inventor : OOMOTO Takashi (AMAJI Marie SAKATA Akane
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(57) Abstract :

A water- based carbonated beverage characterized by containing 0.01 w/v% or more of LM pectin, 0.1 w/v% or more of alginic acid or a salt thereof or 0.001 w/v% or more of gellan gum, and having a pH value of 3.5 to 7.0.

No. of Pages : 23 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :23/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : PUNCTURE RESISTANT TUBE FOR BICYCLE TIRE AND FOAM MOLD FOR MANUFACTURE OF SAID PUNCTURE RESISTANT TUBE FOR BICYCLE TIRE

 (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 	:B60C7/10,B60C7/24 :2020120011436 :06/12/2012 :Republic of Korea :PCT/KR2013/011193 :05/12/2013 :WO 2014/088334 :NA :NA :NA :NA	 (71)Name of Applicant : TAYAKOREA CO., LTD Address of Applicant :(Songtan B/d ,Seojung- dong) 4F, 36, Gwangwangteukgu -ro ,Pyeongteak -si, Gyronggi- do 459- 813 Republic of Korea (72)Name of Inventor : CHO Yong-Gyu
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(57) Abstract :

A puncture resistant tube for a bicycle tire fitted to a rim of a bicycle wheel includes a tube body inserted into the bicycle tire along a tube insertion recess formed within the bicycle tire and an elastic recess depressed into the tube body adjacent to the portion of the bicycle tire to be fitted to the rim. When the portion of the bicycle tire to be fitted to the rim is shrunk by external force, elastic force is accumulated in the portion of the tube body surrounding the elastic recess while the elastic recess is being shrunk. When the bicycle tire is completely fitted to the rim, the elastic recess is restored to the original shape thereof by the accumulated elastic force, whereby the portion of the tire fitted to the rim is restored to the original shape thereof.

No. of Pages : 33 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :23/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : DEVICES AND METHODS FOR THE REPLACEMENT OF THE FUNCTIONING OF HEART VALVES

 (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 	:A61F2/24,A61F2/88 :61/734200 :06/12/2012 :U.S.A. :PCT/IB2013/002639 :26/11/2013 :WO 2014/087209 :NA :NA :NA :NA	 (71)Name of Applicant : 1)MITRALIX LTD. Address of Applicant :1 Hamada Street, Rehovot 76703 Israel (72)Name of Inventor : 1)BEN -ZVI, Yonatan 2)YARON, Ira
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(57) Abstract :

A valve device is provided for implantation at the location of a natural heart valve, for replacing the functioning of the natural heart valve. The valve device includes a holding structure and a plurality of leaflets that open and close as the heart beats and pressure changes. The valve device holding structure may comprise a substantially ring-shaped first section, or ventricular ring, and a substantially ring-shaped second section, or atrial ring, connected together by a connector. The valve device holding structure, which may include all parts besides the leaflets themselves, may be formed from a wire or tube made of a suitable flexible material that allows the valve device to be substantially straightened to a low profile in a constrained delivery condition and that allows the valve device to self-expand to itsring- shaped expanded profile when unconstrained during implantation.

No. of Pages : 24 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :26/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : GLASS MANUFACTURING APPARATUS AND METHODS

(51) International classification	n:C04B35/101,C03B5/43,C03B7/02	(71)Name of Applicant :
(31) Priority Document No	:13/687189	1)CORNING INCORPORATED
(32) Priority Date	:28/11/2012	Address of Applicant :1 Riverfront Plaza, Corning, New York
(33) Name of priority country	:U.S.A.	14831 U.S.A.
 (86) International Application No Filing Date (87) International Publication 	:PCT/US2013/071401 :22/11/2013 :WO 2014/085223	 (72)Name of Inventor : 1)DEMIRBAS ,Memduh Volkan 2)LANGENSIEPEN, Ralph Alfred 3)LINEMAN ,David Myron
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	4)TOURNOUR ,Christopher Charles 5)ZIEGENHAGEN, Randy Dean

(57) Abstract :

Low- carbon monolithic refractories are provided. Methods of manufacturing glass employing low- carbon monolithic refractories are also provided. Methods and apparatuses for glass manufacture for reducing the formation of carbon dioxide blisters during glass manufacture are also provided.

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

(21) Application No.5655/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :26/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND APPARATUS FOR SEQUESTERING CARBON DIOXIDE FROM A SPENT GAS (51) International classification :C01B3/24,C01B3/38 (71)Name of Applicant : 1)MIDREX TECHNOLOGIES, INC. (31) Priority Document No :13/768331 (32) Priority Date :15/02/2013 Address of Applicant :2725 Water Ridge Parkway, Suite 100, (33) Name of priority country Charlotte, NC 28217 U.S.A. :U.S.A. :PCT/US2013/071559 (72)Name of Inventor : (86) International Application No Filing Date :25/11/2013 1)METIUS, Gary, E. (87) International Publication No :WO 2014/126631 2)MCCLELLAND ,James, M. ,Jr. (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A method and apparatus for sequestering carbon dioxide from a waste gas and reusing it as a recycled gas without emissions concerns, including: given a gas source divided into a process gas and a waste gas: mixing the process gas with a hydrocarbon and feeding a resulting feed gas into a reformer for reforming the feed gas and forming a reducing gas; and feeding at least a portion of the waste gas into a carbon dioxide scrubber for removing at least some carbon dioxide from the waste gas and forming a carbon dioxide lean gas that is mixed with the reducing gas. Optionally, the method also includes feeding at least a portion of the waste gas into the carbon dioxide scrubber for removing at least some carbon dioxide from the waste gas and forming a fuel gas after the addition of a hydrocarbon that is fed into the reformer. Optionally, the gas source and the reducing gas are associated with a direct reduction process for converting iron oxide to metallic iron in a reduction furnace that utilizes the reducing gas, optionally after some modification, and produces the gas source.

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

(19) INDIA

(22) Date of filing of Application :26/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : REMOVABLE PROTECTIVE COATING FOR THE RECEIPT OF A DUST FREE CATALYST

 (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 	:B01J37/02,B01J33/00,B01J35/02 :13160611.3 :22/03/2013 :EPO :PCT/EP2014/055529 :19/03/2014 :WO 2014/147137	 (71)Name of Applicant : 1)CLARIANT INTERNATIONAL LTD. Address of Applicant :Rothausstr. 61, CH -4132 Muttenz Switzerland (72)Name of Inventor : 1)GABRIEL, Wolfgang
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention pertains to a stabilized catalyst mould comprising a catalyst body formed of a catalyst material, said catalyst material comprising a catalytically active material or a precursor material of the catalytically active material, characterized in that at least parts of the surface of the catalyst mould are provided with a protective coating comprising an organic binder. Further, the invention pertains to a method for obtaining a stabilized catalyst mould.

No. of Pages : 62 No. of Claims : 13

(21) Application No.5657/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :26/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : AN ELECTRODE FOR ALUMINIUM PRODUCTION AND A METHOD OF 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 (2) Priority Pate 	:20/01/2014	 (71)Name of Applicant : 1)NORSK HYDRO ASA Address of Applicant :P.O. Box 980 Sk, yen, N- 0240 Oslo Norway (72)Name of Inventor : 1)HAGEN, Eirik 2) YE, Bjarte
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An electrode for production of aluminium metal by electrolysis of an aluminium containing compound dissolved in a molten electrolyte, where the electrowinning process is performed in smelting cells of conventional Hall-H⁻roult design. The electrode comprises a calcinated carbon containing body being integrated with at least one composite metallic conductor comprising conducting elements of a Fe containing material and conducting elements of a Cu containing material. The composite conductor comprises a barrier layer material at the interface between the two conducting materials. Barrier materials of ceramic, Refractory Hard Materials (RHM), and of metallic types are proposed as well as methods for their application.

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

(19) INDIA

(22) Date of filing of Application :26/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : WIRELESS COMMUNICATION METHOD BASE STATION AND WIRELESS COMMUNICATION 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 	:H04W72/04 :201310048761.X :06/02/2013 :China :PCT/CN2013/090522 :26/12/2013 :WO 2014/121641	 (71)Name of Applicant : 1)SONY CORPORATION Address of Applicant :1- 7- 1, Konan Minato- ku Tokyo 108 - 0075 Japan (72)Name of Inventor : 1)XU Xiaodong 2)ZHANG Danting 3)WANG Da
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	3)WANG Da 4)YANG Chengcheng 5)TAKANO Hiroaki 6)QIN Zhongbin

(57) Abstract :

Provided are a wireless communication method, a base station and a wireless communication device. The wireless communication method comprises: in the case of estimating that a communication device which will perform communication meets a device-to-device communication condition, a base station sending a control signalling to the communication device, the control signalling allocating a carrier used for device-to-device communication; and using the allocated carrier to perform device-to-device communication for device-to-device communication allocates a carrier used for device-to-device communication fill a novel carrier, a novel carrier capable of independently operating, and a novel carrier which is not capable of independently operating, wherein as compared with the traditional carrier, the novel carrier has reduced control channels.

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

(19) INDIA

(22) Date of filing of Application :15/07/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : NOVEL COMBINATION KIT FOR TREATMENT OF MALARIA

		(71) Nome of Applicant .
(51) International classification	:A61K31/47	(71)Name of Applicant : 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(31) Priority Document No	:NA	RESEARCH
(32) Priority Date	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(33) Name of priority country	:NA	MARG, NEW DELHI - 110 001, INDIA. Delhi India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RENU TRIPATHI
(87) International Publication No	: NA	2)PRABHAT RANJAN MISHRA
(61) Patent of Addition to Application Number	:NA	3)PANKAJ DWIVEDI
Filing Date	:NA	4)HEMLATA DWIVEDI
(62) Divisional to Application Number	:NA	5)SUNIL KUMAR SINGH
Filing Date	:NA	6)SUNIL KUMAR PURI
-		7)ANIL KUMAR DWIVEDI

(57) Abstract :

The present invention provides a novel combination kit for the treatment of malaria. The kit contains formulation which is useful for the prevention and/or treatment of various medical indications associated with malaria in humans and animals. Particularly the present invention further provides the process for the preparation of an oral formulation containing sulfadoxine-pyrimethamine (20:1) [SP] and α aparteether [ART], its pharmaceutical compositions, for the management of malariain a predetermined doses and in a predetermined sequence for a period of three to five days.

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

(19) INDIA

(22) Date of filing of Application :23/06/2015

(43) Publication Date : 22/01/2016

(51) International classification	:A01N43/836	(71)Name of Applicant :
(31) Priority Document No	:61/733239	1)MONSANTO TECHNOLOGY LLC
(32) Priority Date	:04/12/2012	Address of Applicant :800 North Lindbergh Boulevard, Saint
(33) Name of priority country	:U.S.A.	Louis, Missouri 63167 U.S.A.
(86) International Application No	:PCT/US2013/073128	(72)Name of Inventor :
Filing Date	:04/12/2013	1)DING, Yiwei
(87) International Publication No	:WO 2014/089219	2)SELNESS, Shaun Raj
(61) Patent of Addition to Application	:NA	3)SLOMCZYNSKA, Urszula J.
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : NEMATICIDAL AQUEOUS SUSPENSION CONCENTRATE COMPOSITIONS

(57) Abstract :

Provided herein are aqueous suspension concentrate compositions comprising biologically active 3, 5- disubstituted 1, 2, 4oxadiazoles or salts thereof that are useful, for example, in the control of nematodes. Nematodes are active, flexible, elongate organisms that live on moist surfaces or in liquid environments, including films of water within soil and moist tissues within other organisms. Many species of nematodes have evolved to be very successful parasites of plants and animals and, as a result, are responsible for significant economic losses in agriculture and livestock.

No. of Pages : 98 No. of Claims : 88

(19) INDIA

(22) Date of filing of Application :26/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR PRODUCING P1,P5-DI(URIDINE 5'-)TETRAPHOSPHATE

 (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 	:201228/5/8 :28/12/2012 :Japan :PCT/JP2013/083100 :10/12/2013 :WO 2014/103704	 (71)Name of Applicant : 1)YAMASA CORPORATION Address of Applicant :10- 1 ,Araoicho 2 -chome, Choshi- shi ,Chiba 2880056 Japan (72)Name of Inventor : 1)YAMADA Kohei
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(57) Abstract :

A method for producing P1,P4- di(uridine 5-) tetraphosphate (UPU) is developed, which does not require the use of free UTP and does not undergo the decrease in synthesis efficiency. A method for producing UP4U, characterized by reacting a phosphoric -acid - activating compound represented by formula [II] or [III] with a phosphoric acid compound selected from the group consisting of UMP, UDP, UTP and pyrophosphoric acid or a salt thereof (excluding free UTP) in water or a hydrophilic organic solvent in the presence of a metal ion selected from the group consisting of an iron (II) ion, an iron (III) ion, a trivalent aluminum ion, a trivalent lanthanum ion and a trivalent cerium ion. (Each of R1, X and n in formula [II] and X in formula [III] is as defined in claim 1.)

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

(19) INDIA

(22) Date of filing of Application :26/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : DRIVE CONTROL METHOD AND DRIVE SYSTEM OPERATING ACCORDING TO SAID 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 	:B02C15/00,B02C25/00 :10 2013 200 578.4 :16/01/2013 :Germany :PCT/EP2013/066477 :06/08/2013 :WO 2014/111175 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :Wittelsbacherplatz 2 80333 M¼nchen Germany (72)Name of Inventor : 1)KUBE Andreas
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(57) Abstract :

The invention relates to a drive control method for a vertical mill (10) having a grinding plate (12) that can be rotated about the vertical axis, said grinding plate (12) being drivable by means of a drive train that comprises an electric motor (14) and a gearing (16), a rotational speed of the grinding plate (12) being varied cyclically, especially intermittently. The invention further relates to a drive System operating according to the method.

No. of Pages : 32 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :26/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : TOPCOAT COMPOSITIONS COATED SUBSTRATES AND RELATED 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 (62) Divisional to Application Number 	:C09D123/08,C08L23/08 :61/746713 :28/12/2012 :U.S.A. :PCT/US2013/078192 :30/12/2013 :WO 2014/106142 :NA :NA :NA	 (71)Name of Applicant : AVERY DENNISON CORPORATION Address of Applicant :150 N. Orange Grove Blvd., Pasadena ,CA 91103 U.S.A. (72)Name of Inventor : 1)ANIL ,Vilas ,Gaikwad 2)WIEGERS, Ronald
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An aqueous based topcoating formulation is provided to coat various substrates such as those used in offset and electrographic printing devices. The water based coating formulation includes ethylene acrylic acid copolymer, polyethyleneimine, and a suitable crosslinker. The formulation exhibits excellent adhesion to substrates and excellent anchorage with different printing inks.

No. of Pages : 23 No. of Claims : 31

(19) INDIA

(22) Date of filing of Application :26/06/2015

(54) Title of the invention : PASTE RESIN

(43) Publication Date : 22/01/2016

(51) International classification	:C09D133/08,C08L33/08	(71)Name of Applicant :
(31) Priority Document No	:13150599.2	1)ALLNEX AUSTRIA GMBH
(32) Priority Date	:09/01/2013	Address of Applicant :Bundesstrasse 175, A- 8402 Werndorf
(33) Name of priority country	:EPO	Austria
(86) International Application No	:PCT/EP2014/050251	(72)Name of Inventor :
Filing Date	:08/01/2014	1)TEMEL, Armin
(87) International Publication No	:WO 2014/108450	2)SCH-NBACHER, Thomas
(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 paste resin A which is a mixture of at least two acrylic copolymer resins A, wherein the acrylic copolymer resin Al comprises at least one basic acrylic comonomer, and the acrylic copolymer resin A2 comprises at least one acidic acrylic comonomer, and a method of use thereof for formulating both water-borne and solvent -borne tinted paints with a wide variety of pigments.

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

(19) INDIA

(22) Date of filing of Application :26/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : WORK VEHI	CLE	
 (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 	:F01N3/08 :NA :NA :NA :PCT/JP2013/076301 :27/09/2013 :WO 2015/045106 :NA :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)OKUDA Kozo 2)NAKAMURA Naoto 3)KOUNO Kiichirou 4)OHIWA Kenji

(57) Abstract :

Provided i s a work vehicle in which a first guide member (71) extends : from the first side plate (61) of a battery cover (60) toward a reducing agent tank (18). In addition, the first guide member (71) slants downward toward the reducing agent tank (18). A second guide member (75) i s arranged below the first guide member (71) and slants downward toward the reducing agent tank (18). The second guide member (75) comprises a first edge (771) and a second edge (772). The first edge (771) of the second guide member (75) i s positioned further toward a battery (17) side than the tip (73 1) of the first guide member (71). The second edge (772) of the second guide member (75) i s positioned further toward the reducing agent tank (18) side than a partition plate (52).

No. of Pages : 38 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :26/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : ELECTRONIC DEVICES COMPRISING BUTYL RUBBER

 (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 	:PCT/CA2013/001043 :17/12/2013 :WO 2014/094120 :NA :NA	 (71)Name of Applicant : LANXESS BUTYL PTE. LTD. Address of Applicant :1265 Vidal Street South, Sarnia, Ontario N7T 7M2 Canada THE UNIVERSITY OF WINDOSR (72)Name of Inventor : FERRARI ,Lorenzo DAVIDSON ,Gregory J. E. CARMICHAEL, Tricia Breen
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This invention relates to elastomeric coatings for electronics. Disclosed is a electronic device comprising a substrate layer, a conductive layer and an encapsulant layer. The encapsulant layer comprises at least a butyl rubber material. The butyl rubber encapsulant prevents a change in resistivity of the conductive layer following exposure to nitric acid vapour for 12 hours or hydrochloric acid vapour for 10 hours.

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

(19) INDIA

(22) Date of filing of Application :26/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : BUTYL RUBBER WITH INCREASED IMPERMEABILITY

 (51) International classificatio (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 	:PCT/CA2013/001047 :16/12/2013 :WO 2014/094123 :NA :NA	 (71)Name of Applicant : LANXESS BUTYL PTE. LTD. Address of Applicant :1265 Vidal Street South, Sarnia, Ontario N7T 7M2 Canada THE UNIVERSITY OF WINDSOR (72)Name of Inventor : CARMICHAEL Tricia Breen VOHRA Akhil FERRARI Lorenzo SUHAN Natalie
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(57) Abstract :

Surface modification methods based on a combination of plasma and chemical treatments render an unfilled butyl rubber surface highly reactive toward organosilanes, allowing formation of an organosilane self-assembled monolayer (SAM). Plasma oxidation of the butyl rubber surface followed by vapour deposition of SiC14 produces a hydrophilic surface suitable for an choring organosilanes. Fabrication of SAMs on this hydrophilic butyl rubber surface with n-octadecyltrichlorosilane (OTS) and tri - chloro(lH,lH,2H,2H-perfluorooctyl)silane (FOTS) via vapour deposition resulted in a 15% and 25% decrease in gas permeability,respectively, with no change in optical transparency of the butyl rubber.

No. of Pages : 41 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :26/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : COMPOSITION FOR ETCHING TREATMENT OF RESIN MATERIAL

 (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 	PCT/JP2014/077580 :16/10/2014	 (71)Name of Applicant : 1)OKUNO CHEMICAL INDUSTRIES CO., LTD., Address of Applicant :4-7-10, Doshomachi, Chuo-ku, Osaka- shi, Osaka 5410045, Japan Japan (72)Name of Inventor : 1)NAGAMINE Shingo 2)KITA Koji 3)OTSUKA Kuniaki
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention provides a composition for an etching treatment of a resm material, which comprises an aqueous solution having a permanganate ion concentration of 0.2 mmol/L or more, containing acid components at the total concentration of 10 mol/L or more, and meeting at least one requirement selected : from the following requirements: (1) an organic sulfonic acid is contained in an amount of 1.5 mol/L or more; (2) the molar concentration of bivalent manganese ions is 15 folds or more of the molar concentration of permanganate ions; and (3) the amount of a magnesium anhydrous salt to be added is 0 . 1 t o 1.0 mol/L. The composition for the etching treatment according to the present invention does not contain hexavalent chromium, has excellent etching performance, and also has good bath stability.

No. of Pages : 46 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :23/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD OF MANUFACTURING AN ENGINE BLOCK

 (51) International classification :F02F1/00,B23P15/00,B23P13/00 (31) Priority Document No :13/713266 (32) Priority Date :13/12/2012 (33) Name of priority country :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 (71)Name of Application Number Filing Date (71)Name of Application Number Filing Date (71)Name of Application Publication Number Filing Date (71)Name of Application Publication Number Filing Date (71)Name of Application Publication Publicatio	 (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 	:13/713266 :13/12/2012 :U.S.A. :PCT/US2013/074751 :12/12/2013 :WO 2014/093667 :NA :NA :NA	 1) CATERPILLAR INC. Address of Applicant :100 N.E. Adams St., Peoria ,IL 61629 U.S.A. (72) Name of Inventor : 1) GRAHAM, Curtis ,J. 2) OSTEIN, Adam ,W. 3) SABOTTA ,Christian ,E. 4) SHARP ,Robert ,E.
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(57) Abstract :

A method for manufacturing an engine block (10) includes removing material from the top deck (18) of the engine block (10) surrounding a first opening to create a first recessed area (22), placing a first seal (90) within the first recessed area (22) , positioning a first insert (50) within the first recessed area (22) and against the first seal (90). The method may also include removing material from the top deck (18) of the engine block (10) surrounding a second opening to create a second recessed area (70) that at least partially overlaps the first recessed area (22), placing a second seal (95) in the second recessed area (70) and positioning a second insert (78) within the second recessed area (70) and against the second seal (95).

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

(21) Application No.5525/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :23/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : SOLID , SELF -BONDABLE ORGANIC POLYMERS AND METHODS FOR USING SAME

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 		 (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)AOU ,Kaoru 2)LATHAM ,Dwight ,D. 3)DUGGAL ,Rajat
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

Solid compositions made from or coated with a non-melting organic polymer having a main glass transition temperature of at least 65°C, few if any isocyanate groups and a wet aged glass transition temperature of up to 60°C are self- bonding materials that are useful in a variety of adhesive and molding operations. Under conditions of heat and moisture, these compositions will self-bond. The compositions can be used as adhesive coatings, which are solid and non-tacky and thus can be transported and stored easily under ambient conditions. These compositions are especially useful in applications in which, due to the location and/or orientation of the substrates, liquid or melting materials cannot be applied easily or will run off the substrates.

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

(19) INDIA

(22) Date of filing of Application :23/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : COMPOSITION OF CELLULOSE ETHER AND GLUCONATE SALTS FOR USE IN CEMENT CONTAINING SKIM COATS

 (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 	:C04B24/10,C04B16/02 :NA : - : :PCT/CN2012/086621 :14/12/2012 :WO 2014/089815 :NA :NA :NA :NA	 (71)Name of Applicant : 1)DOW GLOBAL TECHNOLOGIES LLC Address of Applicant :2040 Dow Center, Midland ,Michigan 48674 U.S.A. (72)Name of Inventor : 1)LI ,Jian
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(57) Abstract :

This invention provides a composition of cellulose ether and gluconate salts for use in cement containing skim coat, wherein upon application of said composition, said cement containing skim coat has a pot life of no less than 2 hours and setting time no more than 20% longer than if no gluconate salt is added. In particular, said composition comprises, by weight of total solids of said skim coat, 0.2-0.6 wt.% hydroxyethyl methyl cellulose ether and 0.02-0.07 wt.% gluconate salt.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :23/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : SOLID, SELF -BONDABLE ISOCYANTATE -CONTAINING ORGANIC POLYMERS AND METHODS FOR USING SAME

 (51) International classificatio (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 	:PCT/US2013/071545 :23/11/2013 :WO 2014/092985 :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)AOU, Kaoru 2)LATHAM, Dwight, D. 3)MEDINA ,Juan ,Carlos
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(57) Abstract :

Solid, non-melting polyurethanes having a glass transition temperature of at least 40°C and free isocyanate groups are self-bonding materials that are useful in a variety of adhesive and molding operations. Under conditions of heat and moisture, these polyurethanes will self-bond. The polyurethanes can be used as adhesive coatings, which are solid and non-tacky and thus can be transported and stored easily under ambient conditions. These polyurethane adhesives are especially useful in applications in which, due to the location and/or orientation of the substrates, liquid or melting materials cannot be applied easily or will run off the substrates.

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

(19) INDIA

(22) Date of filing of Application :26/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : PERCUTANEOUS TRANSLUMINAL ANGIOPLASTY DEVICE WITH INTEGRAL EMBOLIC FILTER

(51) International classification	:A61F2/01	(71)Name of Applicant :
(31) Priority Document No	:61/730213	1)CONTEGO MEDICAL LLC
(32) Priority Date	:27/11/2012	Address of Applicant :410 N. Boylan Avenue Suite 132
(33) Name of priority country	:U.S.A.	Raleigh NC 27603 U.S.A.
(86) International Application No	:PCT/US2013/072232	(72)Name of Inventor :
Filing Date	:27/11/2013	1)PATEL Udayan G.
(87) International Publication No	:WO 2014/085590	2)SACHAR Ravish
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A percutaneous transluminal angioplasty device includes an embolic filter mounted to the catheter shaft at a location distal to the angioplasty balloon. Thus the filter can be down-stream from the blockage and can be properly positioned to capture embolic particles that may be set loose into the blood stream as the angioplasty procedure can be performed. The embolic filter can be normally undeployed against the catheter shaft to facilitate introduction and withdrawal of the device to and from the operative site. Once the angioplasty balloon can be properly positioned, however, means operatively associated with the embolic filter can be actuated to erect the filter to position a filter mesh across the lumen of the vessel.

No. of Pages : 56 No. of Claims : 31

(21) Application No.5542/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

 (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 	:F02D45/00,F02M37/00 :2012269070 :10/12/2012 :Japan :PCT/JP2013/081252 :20/11/2013 :WO 2014/091893 :NA :NA	 (71)Name of Applicant : 1)VOLVO TRUCK CORPORATION Address of Applicant :c/o VOLVO BUSINESS SERVICE AB, Avd 501842 ARHK5 S- 405 08 Goteborg Sweden (72)Name of Inventor : 1)KOBAYASHI Shigemi 2)KUJIRAI Kazuhiro 3)MISAWA Masahiro 4)AMANO Takafumi
(87) International Publication No(61) Patent of Addition to Application	:WO 2014/091893 :NA	2)KUJIRAI Kazuhiro 3)MISAWA Masahiro
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : FUEL TEMPERATURE ESTIMATION DEVICE

(57) Abstract :

The purpose of the present invention is to provide a fuel temperature estimation device that can improve the precision of estimating fuel temperature in different parts of a fuel channel. The present invention is a fuel temperature estimation device for estimating the fuel temperature of different parts (for example, injection nozzle, pressure accumulator, and high- pressure pump) of a fuel channel in a vehicle, wherein a flow rate measurement device (SR6) is provided for measuring the fuel flow rate of fuel return lines (Lf11-Lf17) of a fuel channel ,a control device (50) is provided , the control device (50) is provided with a fuel temperature correction means (53) for correcting the estimated fuel temperature in a fuel injection line (3) on the basis of the fuel flow rates of the fuel return lines (Lf11-Lf17), and the control device (50) has a function for estimating fuel temperature using the fuel flow rates of the fuel return lines (Lf11-Lf17) as parameters.

No. of Pages : 45 No. of Claims : 5

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

		-
(51) International classification	:A01K23/00	(71)Name of Applicant :
(31) Priority Document No	:2012272355	1)UNI- CHARM CORPORATION
(32) Priority Date	:13/12/2012	Address of Applicant :182, Shimobun ,Kinsei- cho,
(33) Name of priority country	:Japan	Shikokuchuo- shi ,Ehime 7990111 Japan
(86) International Application No	:PCT/JP2013/080346	(72)Name of Inventor :
Filing Date	:08/11/2013	1)KOMATSUBARA Daisuke
(87) International Publication No	:WO 2014/091847	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1 1 1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		·

(54) Title of the invention : DISPOSABLE DIAPER FOR PETS

(57) Abstract :

[Problem] To provide a disposable diaper for pets that fits well around the waist of the pet. [Solution] A disposable diaper for pets, comprising: a back -side waist area (130); a stomach- side waist area (110); a crotch area (120); both end sections (130A, 110A) in the diaper longitudinal direction; both end sections (120A) in a diaper longitude - intersecting direction; a tail insertion opening (190); an absorbent core (200); an area (170) not having the absorbent core arranged therein; an attachment section (300) provided in the stomach- side waist area (110); an attachment area (900) that accepts the attachment section (300); an expandable/contractible elastic member (400) for legs , arranged , in the extended state, in a prescribed area in the diaper longitudinal direction , between the absorbent core (200) and an end section (100A) in the diaper longitude -intersecting direction; a leg gather (410A) formed by the contraction of the expandable/contractible elastic member (400) for legs; and a standing- up section (700) in which the end sections (130A, 110A) in the diaper longitudinal direction stand up as a result of the contraction of the expandable/contractible elastic member (400) for legs.

No. of Pages : 74 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :27/06/2015

(43) Publication Date : 22/01/2016

 (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 	:F01D5/16 :13153956.1 :05/02/2013 :EPO :PCT/EP2014/051322 :23/01/2014 :WO 2014/122028 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :Wittelsbacherplatz 2 80333 M¹/4nchen Germany (72)Name of Inventor : 1)GR-NSFELDER Thomas 2)WALKENHORST Jan 3)DE LAZZER Armin
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(54) Title of the invention : METHOD FOR DETUNING A ROTOR- BLADE CASCADE

(57) Abstract :

The invention relates to a method for detuning a rotor- blade cascade of a turbomachine having a plurality of rotor blades (1) said method comprising the following steps: a) establishing (1), for each of the rotor blades (1) of the rotor -blade cascade, at least one target natural frequency vF, s that the rotor blade has for at least one vibration mode determined in advance in the normal operation of the turbomachine under the influence of a centrifugal force in such a way that the vibration load on the rotor blade cascade under the centrifugal force lies below (14) a tolerance limit; b) setting up (16) a value table vF (m ,rS) having selected discrete mass values m and radial centre- of -gravity positions rS that result from variations (6 to 9) of the nominal geometry (5) of the rotor blade (1), and determining the respective natural frequency vF under the centrifugal force for each selected value pair m and rS; c) measuring (17) the mass mI and the radial centre- of -gravity position rS, I of one of the rotor blades (1) (19); d) determining an actual natural frequency vF I of the rotor blade (1) under the centrifugal force by interpolating the measured mass mI and the measured radial centre- of -gravity position rS, I is outside a tolerance around vF, S selecting a value pair mS and rS, S from the value table vF (m , rS) in such a way that vF, I at least approximates vF, S and removing (24) material from the rotor blade (1) in such a way that vF, I at least approximates vF, S and removing (24) material from the rotor blade (1) in such a way that mI and rS, I correspond to the value pair mS and rS S; f) repeating steps c) to e) until vF ,I is within the tolerance around vF, S.

No. of Pages : 22 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :23/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : CONTROL ARRANGEMENT OF AN EXHAUST- GAS TURBOCHARGER

 (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 	:F01D25/16,F02B39/14 :102012024531.9 :14/12/2012 :Germany :PCT/US2013/071457 :22/11/2013 :WO 2014/092976 :NA :NA :NA	 (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)KELLER, Peter
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(57) Abstract :

The invention relates to a control arrangement (1) of an exhaust-gas turbocharger (2), having a bearing bushing (3); having a control shaft (4) which is connected at a first end (5) to a connecting lever (6) and which is guided in the bearing bushing(3); and having a connecting piece (7) which is arranged on the connecting lever (6), wherein the connecting piece (7) is arranged on a lever surface (8), which faces toward the bearing bushing (3), of the connecting lever (6).

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

(19) INDIA

(22) Date of filing of Application :23/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : HEAT TREATMENT MONITORING 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 	:A21D6/00,A21C13/00,G01N33/02 :12008113.8 :04/12/2012 :EPO :PCT/EP2013/003662 :04/12/2013	 (71)Name of Applicant : 1)STORK genannt WERSBORG, Ingo Address of Applicant :Amalienstrasse 89, 80799 M¹/₄nchen Germany (72)Name of Inventor : 1)STORK genannt WERSBORG ,Ingo
No (61) Patent of Addition to	:WO 2014/086486 :NA	
Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A heat treatment monitoring system comprises a sensor unit having at least one sensor to determine current sensor data of food being heated; a processing unit to determine current feature data from the current sensor data; and a monitoring unit adapted to determine a current heating process state in a current heating process of the monitored food by comparing the current feature data with reference feature data of a reference heating process.

No. of Pages : 86 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :23/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : SPEAKER INCLUDING A SPEAKER APPARATUS AND A LIGHTING APPARATUS (51) International classification :H04R9/02 (71)Name of Applicant : (31) Priority Document No 1)SAMSUNG ELECTRONICS CO., LTD. :61/748931 (32) Priority Date Address of Applicant :129, Samsung- ro, Yeongtong- gu, :04/01/2013 (33) Name of priority country Suwon -si, Gyeonggi -do 443 -742 Republic of Korea :U.S.A. :PCT/KR2014/000056 (72)Name of Inventor : (86) International Application No 1)YIM, Hong Kyun Filing Date :03/01/2014 :WO 2014/107049 (87) International Publication No 2)ANN ,Sung Jin (61) Patent of Addition to Application 3)MOON,Sin Wi :NA Number 4)LEE ,Eun :NA Filing Date 5)SUNG, Yu Li 6)HONG ,Young Soo (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A speaker including speaker apparatus and a lighting apparatus are provided. The speaker having a conical vibration portion, and a lighting apparatusinsertedly disposed at a center of the conical vibration portion to emit light to the conical vibration portion so that efficient lighting is ensured and light is adjusted depending on the acoustic signal, thereby maximizing the visual sound effect.

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

(19) INDIA

(22) Date of filing of Application :23/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : SYSTEM ON CHIP TO PERFORM A SECURE BOOT, AN IMAGE FORMING APPARATUS USING THE SAME, AND METHOD THEREOF

(57) Abstract :

A system on chip is provided. The system on chip includes a first memory to store a plurality of encryption keys, a second memory, a third memory to store an encryption key setting value, and a CPU to decrypt encrypted data which is stored in an external nonvolatile memory using an encryption key corresponding to the encryption key setting value from among the plurality of encryption keys, to store the decrypted data in the second memory, and to perform a boot using data stored in the second memory. Accordingly, security of a boot operation can be improved.

No. of Pages : 63 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :23/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : APPARATUS AND METHOD FOR THE STERILIZATION ,DEGASSING AND CONCENTRATION OF VISCOUS PRODUCTS

(51) International classification(31) Priority Document No(32) Priority Date	n:A61L2/07,A23C3/037,A23L3/015 :13/713760 :13/12/2012	 (71)Name of Applicant : 1)SPX APV DANMARK A/S Address of Applicant :Pasteursvej 1, DK -8600 Silkeborg
(33) Name of priority country	:U.S.A.	Denmark
 (86) International Application No Filing Date (87) International Publication No 	:PCT/IB2013/003185 :12/12/2013 :WO 2014/091315	 (72)Name of Inventor : 1)COELHO, Gil 2)BRAUD ,Bernard
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

A device for the evaporative cooling of a viscous fluid, the device including a vacuum chamber wherein the viscous fluid is cooled. The vacuum chamber includes a lower part wherein the viscous fluid is collected by gravitational force, and an outlet pipe, located at the bottom of a lower part, through which the cooled down fluid is extracted. The device also includes an extraction device that itself includes a primary pump, fed with the cooled fluid from the lower part through the outlet pipe, and a feeding device, located inside the lower part, which pushes the cooled down fluid from the lower part towards the primary pump, through the outlet pipe. Also, an apparatus and method for the sterilization, degassing or water concentration of a viscous fluid including the evaporative cooling device.

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

(19) INDIA

(22) Date of filing of Application :26/06/2015

(43) Publication Date : 22/01/2016

(71)Name of Applicant :
1) AMAZON TECHNOLOGIES INC
1)AMAZON TECHNOLOGIES INC.
Address of Applicant :410 Terry Avenue North Seattle WA
98109 5210 U.S.A.
8502 (72)Name of Inventor :
1)MENTZ Joshua
5 2)AGRANAT Ronen Dov
3)SJOBERG Timothy Ralph
4)FEATONBY Malcolm
5)KEMPE Gregory Jonathan
6)BUYS Willem Jacob

(54) Title of the invention : ANNOTATIONS OF RESOURCES

(57) Abstract :

A distributed execution environment includes various resources, such as instances of computing resources, hardware resources, software resources, and others. A resource state viewing tool executing in conjunction with the distributed execution environment provides access to data regarding the state of each resource in the form of a resource page associated with the resource. The resource page for a resource might also include one or more annotations assigned to the resource by a user or by a component within the distributed execution environment. The annotations might have associated expiration data, such as an expiration time or event, which may be utilized to expire the annotations. The annotations might also have a namespace assigned thereto that is utilized when responding to requests to retrieve the annotations. The annotations might also have permissions assigned thereto that identify the rights of one or more users and/or components to read, modify, or delete the annotations.

No. of Pages : 42 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION		(21) Application No.5536/DELNP/2015 A
(19) INDIA		
(22) Date of filing of Application	n :23/06/2015	(43) Publication Date : 22/01/2016
(54) Title of the invention : SYSTEM AND METHOD FOR REFUELLING A COMPRESSED GAS PRESSURE VESSEL USING A THERMALLY COUPLED NOZZLE		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application Not Filing Date (87) International Publication Not (61) Patent of Addition to Application Number Filing Date 	:20/12/2013	 (71)Name of Applicant : 1)MOSAIC TECHNOLOGY DEVELOPMENT PTY LTD Address of Applicant :c/ - Fisher Adams Kelly, Level 29, 12 Creek Street, Brisbane, Queensland 4000 Australia (72)Name of Inventor : 1)WHITEMAN ,Paul Anthony 2)FEKETE ,Derek Shane

(57) Abstract :

Filing Date

Number

(62) Divisional to Application

:NA

:NA

A pressure vessel refuelling system enables consistent mass flow rates and reduces the in -tank temperature rise caused by the heat of compression as gas is added to a vessel. The system includes a pressure vessel having a first gas inlet/outlet port and an interior cavity , and a nozzle is in fluid communication with the first gas inlet/outlet port. The nozzle and the pressure vessel are thermally coupled such that Joule -Thomson expansion of a gas flowing through the nozzle cools the interior cavity and contents of the pressure vessel.

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

(19) INDIA

(22) Date of filing of Application :23/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : SULFIDE SOLID ELECTROLYTE MATERIAL LITHIUM SOLID BATTERY AND METHOD OF PREPARING SULFIDE SOLID ELECTROLYTE MATERIAL

(51) International classification	:C03C3/32,H01M10/0562	(71)Name of Applicant :
(31) Priority Document No	:2012284233	1)TOYOTA JIDOSHA KABUSHIKI KAISHA
(32) Priority Date	:27/12/2012	Address of Applicant :1, Toyota- cho, Toyota -shi, Aichi- ken
(33) Name of priority country	:Japan	,471- 8571 Japan
(86) International Application No	:PCT/IB2013/002795	(72)Name of Inventor :
Filing Date	:18/12/2013	1)SUGIURA ,Koichi
(87) International Publication No	:WO 2014/102580	2)HAMA ,Shigenori
(61) Patent of Addition to Application	:NA	3)OHASHI ,Miwako
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A sulfide solid electrolyte material exhibiting Li ion conductivity contains an organic compound having a molecular weight within a range of 30 to 300, wherein the organic compound has a content of 0.8 wt% or less.

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

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : CURVED TRANSITION SURFACE INNER CONTACT AND METHOD OF MANUFACTURE

 (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 	:13/750157 :25/01/2013 :U.S.A. :PCT/US2013/069415 :11/11/2013 :WO 2014/116338 :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)VACCARO, Ronald 2)PALAC ,John
Filing Date	:NA :NA	

(57) Abstract :

An inner contact of a coaxial connector has a body with a plurality of spring fingers, the spring fingers each provided with a contact surface. A plurality of transitions from the contact surfaces are provided as curved surfaces. The curved surfaces may be formed, for example, by chamfer, electrical discharge machining or the like, such that an edge to a slot between the spring fingers does not contact the contact surface.

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

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR RECYCLING POLYMERS AND PRODUCT PRODUCED FROM SAID METHOD

(57) Abstract :

The invention relates to a recycling method for obtaining a polymer from post- consumer materials, and to a material and a part consisting of polymers obtained from the recycling of used polymers.

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

(19) INDIA

(22) Date of filing of Application :29/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : CARDIOVASCULAR SCREENING DIAGNOSTIC AND MONITORING 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 	:A61B5/00 :61/747716 :31/12/2012 :U.S.A.	 (71)Name of Applicant : (71)Name of Applicant : (71)M.I. MEDICAL INCENTIVE LTD. Address of Applicant :16 Heinrich Heine Square 3448522 Haifa Israel (72)Name of Inventor :
Number Filing Date	:NA :NA	
Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A system for providing an indication of at least LVD (Left Ventricular Dysfunction) including at least one temperature sensor providing an output indication based on skin temperature at at least one location on a person at a plurality of given times, at least one body activity sensor providing an output indication of at least termination of body activity, a time/temperature ascertainer operative to receive inputs from the at least one temperature sensor and from the at least one body activity sensor to provide output indications of the skin temperature at termination of body activity and thereafter and a correlator operative to correlate the output indications of the skin temperature at termination of body activity and thereafter with established clinical data relating changes in skin temperature at termination of body activity and thereafter to existence of at least LVD, the correlator providing at least an out-put indication of at least LVD.

No. of Pages : 84 No. of Claims : 65

(19) INDIA

(22) Date of filing of Application :29/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : TITANIUM- CONTAINING AGGREGATE METHOD FOR THE PRODUCTION THEREOF AND USE THEREOF

 (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 	:C21B3/04,C01G23/047,C04B18/14 :10 2013 100 077.0 :07/01/2013 /:Germany ¹ :PCT/DE2013/100440 :24/12/2013 ¹ :WO 2014/106506 :NA :NA	 (71)Name of Applicant : 1)SACHTLEBEN CHEMIE GMBH Address of Applicant :Dr. Rudolf Sachtlebenstr.4 47198 Duisburg Germany (72)Name of Inventor : 1)AMIRZADEH -ASL ,Djamschid
Number Filing Date	:NA :NA	

(57) Abstract :

The subject matter of the invention is a titanium-containing aggregate obtainable by mixing and/or treating residue from the production of titanium dioxide which accumulates during the production of titanium dioxide according to the sulfate process and/or chloride process with basic slag from the production of metal; a method for the production thereof; and the use thereof in metallurgical processes and as aggregate and/or filier material for concrete, cement, asphalt, refractory materials, repair Compounds, sizing substances.

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

(19) INDIA

(22) Date of filing of Application :14/07/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : CHEMICAL VAPOR DEPOSITION OF SILICON CARBIDE

		(71)Name of Applicant :
(51) International classification	:C23C16/325	
(31) Priority Document No	:NA	DEVELOPMENT ORGANISATION
(32) Priority Date	:NA	Address of Applicant : Ministry of Defence, Govt. of India,
(33) Name of priority country	:NA	Room No 348, B-Wing, DRDO Bhawan, Rajaji Marg, New Delhi-
(86) International Application No	:NA	110001 Delhi India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SAXENA, Arvind Kumar
(61) Patent of Addition to Application Number	:NA	2)RANJAN, Ashok
Filing Date	:NA	3)KUMAR, Suresh
(62) Divisional to Application Number	:NA	4)TRIPATHI, Santosh
Filing Date	:NA	5)MISHRA, Raghvesh
-		6)GUPTA, Rakesh Kumar

(57) Abstract :

In accordance with the present subject matter there is provided a method for chemical vapor deposition of silicon carbide on a substrate, the method comprising the steps of obtaining liquid polycarbosilane from polydimethylsilane, mixing liquid polycarbosilane with an inert carrier gas to obtain a vapor mixture, and contacting the vapor mixture with a substrate to obtain silicon carbide coated substrate. There is also provided a process for preparing liquid polycarbosilane from polydimethylsilane.

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

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

(51) International classification	:F15D1/00	(71)Name of Applicant :
(31) Priority Document No	:1201006816	1)YOAVAPHANKUL, Metha
(32) Priority Date	:27/12/2012	Address of Applicant :83 Sukhumvit 62 Road ,Bangchak,
(33) Name of priority country	:Thailand	Prakanong ,Bangkok 10260 Thailand
(86) International Application No	:PCT/TH2013/000031	(72)Name of Inventor :
Filing Date	:29/07/2013	1)YOAVAPHANKUL ,Metha
(87) International Publication No	:WO 2014/104988	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : APPARATUS FOR CREATING A SWIRLING FLOW OF FLUID

(57) Abstract :

An apparatus for creating a swirling flow of fluid comprises a transmission base (1) with an internal cavity (2) to receive the fluid flow from outside via a side hole (3) which will become a hole side edge (4) to control the flow through of the fluid into the transmission base in a laminar swirling flow in the internal cavity of the transmission base. A part of the hole side edge may have an elevated insert supporting shoulder (10) to support the overlay attachment of another transmission base to stack them higher.

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

(12) PATENT APPLICATION PUBLICATION (21) Application No.5550/DELNP/2015 A (19) INDIA (22) Date of filing of Application :24/06/2015 (43) Publication Date : 22/01/2016 (54) Title of the invention : CULTURING OF HUMAN EMBRYONIC STEM CELLS AT THE AIR LIQUID INTERFACE FOR DIFFERENTIATION INTO PANCREATIC ENDOCRINE CELLS :C12N5/071,C12N5/0735 (71)Name of Applicant : (51) International classification (31) Priority Document No 1) JANSSEN BIOTECH, INC. :61/747662 :31/12/2012 (32) Priority Date Address of Applicant :800/850 Ridgeview Drive, Horsham (33) Name of priority country Pennsylvania 19044 U.S.A. :U.S.A. (86) International Application No :PCT/US2013/075939 (72)Name of Inventor:

The present invention provides methods, cell cultures and differentiation media to promote differentiation of pluripotent stem cells to pancreatic endocrine cells expressing PDX1, NKX6.1, and HB9 by culturing in a culture vessel at the air-liquid interface. The

1) REZANIA, Alireza

:18/12/2013

:NA

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invention also provides for in vivo maturation of cells cultured at the air-liquid interface.

:WO 2014/105543

Filing Date

Filing Date

Filing Date

(57) Abstract :

Number

(87) International Publication No

(61) Patent of Addition to Application

(62) Divisional to Application Number

No. of Pages : 177 No. of Claims : 96

The Patent Office Journal 22/01/2016

(21) Application No.5551/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

 (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 	:1223472.0 :28/12/2012 :U.K. :PCT/GB2013/053419 :23/12/2013 :WO 2014/102541	 (71)Name of Applicant : DEPUY (IRELAND) Address of Applicant :Loughbeg, Ringaskiddy, County Cork Ireland Name of Inventor : LEE ,Jonathan TSUKAYAMA, Craig YOUNG, Duncan
Filing Date	:23/12/2013	1)LEE "Jonathan
	:WO 2014/102541	
Number Filing Date	:NA :NA	5)100NG, Duncan
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : AN INSTRUMENT FOR EXTRACTING A PIN

(57) Abstract :

An instrument (10) for extracting a pin from a substrate, such as a bone mass, which comprises a first lever arm (20) with a body part (24) having a channel in which a free end of a pin can be received, a second lever arm (22) which can pivot relative to the first lever arm, a gripping member within the body part by which the pin can be gripped to retain the pin in the channel, and a terminating member (28) mounted on the body part having an end face (80) and two side walls (44, 46) which extend along opposite sides of the body part. The terminating member has a slot (60) provided in a portion of the end face and which extends along a portion of at least one of the two side walls configured to guide the free end of the pin into the instrument prior to being received into the channel. The provision of a slot on the side as well as the front enables a user, such as a surgeon, to manoeuvre the pin to be extracted into the channel either through the front of the extraction instrument or at the side. This enhances the flexibility of the instrument and means that the user is less prone to misaligning the pin within the extraction instrument. The provision of the slot passing along at least a portion of the side of the instrument also provides tactile feedback to the user which enhances the ease of use of the instrument to remove pins.

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

(19) INDIA

(22) Date of filing of Application :29/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : GAS TURBINE OUTER CASE ACTIVE AMBIENT COOLING INCLUDING AIR EXHAUST INTO A SUB AMBIENT REGION OF EXHAUST FLOW

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:PCT/EP2014/051164 :22/01/2014	 (71)Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :Wittelsbacherplatz 2 80333 M¹/₄nchen Germany (72)Name of Inventor : 1)FINNERAN John W. 2)GRABER Daryl J. 3)LEAGON Jonathan M. 4)MUNSHI Mrinal
No (61) Patent of Addition to	:WO 2014/114652	5)PORTER Matthew R. 6)SHTEYMAN Yevgeniy
Application Number Filing Date	:NA :NA	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A gas turbine engine including an outer case extending circumferentially around the central longitudinal axis. A cooling channel is associated with the outer surface of the outer case, the cooling channel having a channel inlet and a channel outlet. An air duct is provided including an inlet end in fluid communication with the channel outlet and an outlet end in fluid communication with an exhaust gas flow from a turbine section of the gas turbine engine. An exit structure is located at the air duct outlet end, and the exit structure provides a sub- ambient pressure at the air duct outlet end to induce a flow from the air duct inlet end to the air duct outlet end.

No. of Pages : 35 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :26/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : IMMATURE PLATELET ENUMERATION SYSTEMS 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 (62) Divisional to 	:G01N15/12,G01N15/14,G01N15/02 :61/747734 :31/12/2012 :U.S.A. :PCT/US2013/078135 :27/12/2013 :WO 2014/106132 :NA :NA	 (71)Name of Applicant : 1)BECKMAN COULTER INC. Address of Applicant :250 S. Kraemer Boulevard Brea California 92821 U.S.A. (72)Name of Inventor : 1)LU Jiuliu 2)CHEWPUTTANAGUL Phaisit 3)GODEFROY Christophe 4)VIDAL Patricio 5)RILEY John Steven
Application Number Filing Date	:NA :NA	

(57) Abstract :

Embodiments of the present invention encompass automated systems and methods for analyzing immature platelet parameters in an individual based on a biological sample obtained from blood of the individual. Exemplary techniques involve correlating aspects of direct current (DC) impedance, radiofrequency (RF) conductivity, and/or light measurement data obtained from the biological sample with an evaluation of immature platelet conditions in the individual.

No. of Pages : 103 No. of Claims : 58

(22) Date of filing of Application :26/06/2015

(54) Title of the invention : BITUMEN TRANSPORT

(21) Application No.5675/DELNP/2015 A

(43) Publication Date : 22/01/2016

 (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 	 C08K5/05,C08K5/17,C08K5/315 :61/739823 :20/12/2012 :U.S.A. :PCT/US2013/074025 :10/12/2013 :WO 2014/099467 :NA :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)WAGNER Nicole L. 2)BRENNAN David J. 3)MILLER Matthew D. 4)PATIL Pramod D. 5)SEN Subrata 6)ZHOU Zhe
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(57) Abstract :

A bitumen transport composition is provided comprising bitumen, a diluent in an amount of 24 weight percent or less and an additive wherein the additive is a mono-alcohol, a mono-nitrile, an amine or mixtures thereof. Also provided is a method to make the bitumen transport composition. Also provided is a method to transport the bitumen transport composition.

No. of Pages : 14 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :26/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : OVERRUN AIR RECIRCULATION VALVE OF AN EXHAUST -GAS TURBOCHARGER COMPRESSOR

 (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 	:PCT/US2013/071930 :26/11/2013 :WO 2014/099302 :NA :NA	 (71)Name of Applicant : 1)BORGWARNER INC. Address of Applicant :Patent Department 3850 Hamlin Road Auburn Hills Michigan 48326 U.S.A. 2)WOCO INDUSTRIETECHNIK GMBH (72)Name of Inventor : 1)SCHUMNIG Oliver 2)BRULIN Franz Josef 3)HOFMANN Torsten
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(57) Abstract :

The invention relates to an overrun air recirculation valve (1) of an exhaust gas turbocharger compressor (2), having a valve housing (3) which has an interior (4), having a diaphragm (5) which is guided in the interior (4) and which has an edge- side sealing means (6); and having a connecting means (7) provided on the valve housing (3), wherein the sealing means (6) is in the form of a sealing means which acts in the radial direction R of the diaphragm (5).

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

(19) INDIA

(22) Date of filing of Application :26/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : TURBINE HOUSING WITH DIVIDING VANES IN VOLUTE

 (51) International classification :F01D9/02,F01D25/24,F02B39/00 (31) Priority Document No :61/739985 (32) Priority Date :20/12/2012 (33) Name of priority country :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 (62) Divisional to Application Number Filing Date (63) Date (64) Patent of Addition to Application Number Filing Date (65) Divisional to Application Number Filing Date (65) Divisional to Application Sumptify the structure of the	 (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)GRABOWSKA David G. 2)REINKE Adam R.
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(57) Abstract :

A turbocharger turbine (10) having a turbine wheel (12) and a turbine housing (14) with a volute (20). The turbine housing (14) has dividing vanes (24) in the curved portion (22) of the volute (20) for use with a turbine(10) as mixed-flow or axial-flow. A valve (36) controls ex haust gas flow to one or both of an outer volute portion (26) and an inner volute portion (28) formed on each side of the dividing vanes (24).

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

(19) INDIA

(22) Date of filing of Application :26/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : RECOMBINANT HOST CELL FOR BIOSYNTHETIC PRODUCTION

 (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 	:C12N9/88,C12P7/24,C12N15/52 :12199502.1 :27/12/2012 :EPO :PCT/EP2013/078117 :30/12/2013 :WO 2014/102368 :NA :NA	 (71)Name of Applicant : 1)EVIAGENICS S.A. Address of Applicant :1, Mail du Prof Georges Mathe, F- 94800 Villejuif France (72)Name of Inventor : 1)RAMAEN Odile 2)SAUVEPLANE Vincent 3)PANDJAITAN Rudy
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a cell comprising heterologous polynucleotides encoding a multienzyme complex involved in the metabolic pathway of phenylpropanoids and biosynthesis of a vanilloid or a hydroxybenzaldehyde precursor thereof, which multienzyme complex comprises enzymes for the biosynthesis of coumaric acid and a crotonase.

No. of Pages : 111 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :26/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : CROSSLINKING/FUNCTIONALIZATION SYSTEM FOR A PAPER OR NON WOVEN WEB

(51) International classification	:D04H1/425,D04H1/4266,D04H1/552	(71)Name of Applicant : 1)GLATFELTER GERNSBACH GMBH
(31) Priority Document No	:13153483.6	Address of Applicant :Hoerdener Str. 5 76593 Gernsbach
(32) Priority Date	:31/01/2013	Germany
(33) Name of priority country	:EPO	(72)Name of Inventor :1)SEGER Bernd
(86) International Application No Filing Date	:PCT/EP2014/050152 :07/01/2014	2)KHN Jrg
(87) International Publication No	:WO 2014/117964	
(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 paper or non-woven web, comprising fibers and at least one crosslinking or functionalization agent selected from the group consisting of carboxylic acids, halogenated heteroaromatic compounds and salts thereof, wherein said at least one crosslinking or functionalization agent has a molecular weight of not more than 1000 g/mol, and wherein at least a part of said crosslinking or functionalization agent is bound to said fibers, a process for producing said paper or non-woven web, and the use of said crosslinking or functionalization agent in a paper or non-woven web.

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

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

:A01K23/00	(71)Name of Applicant :
:2012272356	1)UNI -CHARM CORPORATION
:13/12/2012	Address of Applicant :182, Shimobun, Kinsei -cho
:Japan	,Shikokuchuo- shi, Ehime 7990111 Japan
:PCT/JP2013/080347	(72)Name of Inventor :
:08/11/2013	1)KOMATSUBARA Daisuke
:WO 2014/091848	
:NA	
:NA	
:NA	
:NA	
	:2012272356 :13/12/2012 :Japan :PCT/JP2013/080347 :08/11/2013 :WO 2014/091848 :NA :NA :NA

(54) Title of the invention : DISPOSABLE DIAPER FOR PETS

(57) Abstract :

[Problem] To provide a disposable diaper for pets, capable of effectively preventing leakage of excrement. [Solution] A disposable diaper for pets, in which part of a crotch area (120) stands up as a result of the contraction of an expanding/contracting elastic member (600), and a standing -up section (700) is formed, said disposable diaper for pets having: a rear side waist area (130); a stomach -side waist area (110); the crotch area (120); both end sections (130A, 110A) in the diaper longitudinal direction; both end sections (100A) in the diaper longitude intersecting direction; a tail insertion opening (190); an absorbent core (200); an attachment section (300) provided in the stomach side waist area (110); an attachment area (900) that receives the attachment section (300); and the expanding/contracting elastic member (600) arranged the diaper longitudinal direction.

No. of Pages : 86 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :29/06/2015

(43) Publication Date : 22/01/2016

(51) International classification	:F21V9/16	(71)Name of Applicant :
(31) Priority Document No	:13/743442	1)SPECTRA SYSTEMS CORPORATION
(32) Priority Date	:17/01/2013	Address of Applicant :321 South Main Street Providence RI
(33) Name of priority country	:U.S.A.	02903 U.S.A.
(86) International Application No	:PCT/US2013/026539	(72)Name of Inventor :
Filing Date	:16/02/2013	1)LAWANDY Nabil M.
(87) International Publication No	:WO 2014/113042	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		t.

(54) Title of the invention : COVERT COATING FOR AUTHENTICATION OF MATERIALS

(57) Abstract :

Systems and methods for document and product authentication are provided using a combination of interacting absorption and emission materials that are formed into covert optically encoded markings. The markings are formed from at least one emitter and at least one absorber, that exhibit a first emission in response to a first excitation of the emitter and a change in that emission in response to excitation of the absorber such that various combinations of emitter and absorber materials create a machine readable response that cannot be detected by the human eye.

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

(19) INDIA

(22) Date of filing of Application :29/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : MOISTURE INDICATOR DRESSING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority countrest (34) Name of priority countrest (35) International Application No (51) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	ⁿ :PCT/GB2014/050048 :09/01/2014 ¹ :WO 2014/108682 :NA :NA	 (71)Name of Applicant : 1)SMITH & NEPHEW PLC Address of Applicant :15 Adam Street London Greater London WC2N 6LA U.K. (72)Name of Inventor : 1)DAGGER Anthony 2)FRY Nicholas Charlton 3)HAMMOND Victoria Jody 4)HICKS John Kenneth 5)LAURIE Alexander Speirs 6)LECOMTE Helene Anne 7)MOSS Rhianna 8)MUMBY Ella Lynne
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(57) Abstract :

This application discloses a wound dressing comprising an absorbent layer and a moisture indicator which indicates wound exudate loading within the dressing, wherein the visibility of the moisture indicator changes as a result of a physical transformation of a first material within the dressing.

No. of Pages : 31 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :29/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR PRODUCING A VANE FOR A ROTARY VANE PUMP VANE FOR A ROTARY VANE PUMP AND ROTARY VANE PUMP

(31) Priority Document No(32) Priority Date	:B22F7/00,C22C33/02,F01C21/08 :10 2013 001 246.5 :25/01/2013	 (71)Name of Applicant : 1)GKN SINTER METALS ENGINEERING GMBH Address of Applicant :Krebsge 10 42477 Radevormwald
(33) Name of priority country(86) International Application	:Germany :PCT/EP2014/000188	Germany (72)Name of Inventor :
No Filing Date (87) International Publication	:24/01/2014	1)STEINER Arno 2)DE NICOL' Alessandro 3)NEUNH,,USERER Philipp
No (61) Patent of Addition to	:WO 2014/114461	4)OBERLEITER Thomas
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a method for producing a net-shape vane for a rotary vane pump, which vane is preferably open -pored and consists of a metal sinter material. The vane has at least one first front face and one second front face which is preferably oriented parallel to the first front face, and a first lateral surface and second lateral surface that is oriented parallel to the first lateral surface. Furthermore, the vane comprises a first contour surface and a second contour surface. The method for producing the vane comprises at least the following steps: pressing (20) a powder mixture to a green body by means of a powder press, sintering (21) the green body inside a sintering furnace to a sintering element having an austenitic structure, guenching the sintering element inside the sintering furnace to a temperature below the martensitic start temperature for hardening (22), tempering (23) the sintering element preferably inside the sintering furnace, removing (24) the sintering element as net-shape vane, preferably as removal from the sintering furnace. After removing the sintering element, deburring (25) can optionally be made. The invention further relates to a vane and a rotary vane pump.

No. of Pages : 42 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : HYDRAULICALLY ACTUATABLE PRESSING DEVICE, METHOD FOR PERFORMING PRESSING, METHOD FOR PRODUCING AN ELECTRICALLY CONDUCTIVE PRESS- FIT CONNECTION, ELECTRICALLY CONDUCTIVE PRESSED COMPRESSION SLEEVE, METHOD FOR CLAMPING A WORKPIECE AND HYDRAULIC DEVICE

 (51) International classification (31) Priority Document Not (32) Priority Date (33) Name of priority country 	:H01R43/042,H01R43/20,H01R43/048 p:10 2013 100 183.1 :09/01/2013 :Germany	 (71)Name of Applicant : 1)GUSTAV KLAUKE GMBH Address of Applicant :Auf dem Knapp 46, 42855 Remscheid Germany (72)Name of Inventor : 1)FRENKEN ,Egbert
 (86) International Application No Filing Date (87) International 	:PCT/EP2014/050075 :06/01/2014	
Publication No (61) Patent of Addition to	:WO 2014/108361 :NA	
Application Number Filing Date (62) Divisional to	:NA :NA	
Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates firstly to a hydraulically actuatable pressing device (1), preferably designed as a handheld device, with a hydraulic piston (20, 22) which can move in a hydraulic cylinder against the force of a restoring spring (21, 23), the piston being connected to a pressing part (24, 27) for performing pressing, wherein the hydraulic piston (20, 22) has an impingement face for generating pressing force by the action of hydraulic means under pressure. In order to enable the pressing device, having a simple structure, reliably and without the necessity for modifications of the tool to press comparatively large and comparatively small workpieces, particularly cable shoes, said hydraulic piston (20, 22) consists of a first and a second partial piston (20, 22) with a first and second partial impingement face, the partial impingement faces can be impinged upon by the hydraulic means having an identical hydraulic pressure, and the two partial pistons (20,22) are connected to a first or a second pressing part, respectively. The invention further relates to additional pressing devices, particularly hydraulic pressing devices and to various methods.

No. of Pages : 46 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :24/06/2015

(54) Title of the invention : ABSORBENT SHEET FOR PETS		
 (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 		 (71)Name of Applicant : 1)UNI -CHARM CORPORATION Address of Applicant :182, Shimobun, Kinsei- cho ,Shikokuchuo- shi ,Ehime 7990111 Japan (72)Name of Inventor : 1)SASANO Yasuhiro 2)TAKAHASHI Yumei

(57) Abstract :

[Problem] T o provide an absorbent sheet for pets that i s highly effective m concealing pet excrement. [Solution] This absorbent sheet for pets comprises: a liquid-permeable front-surface sheet (110); a liquid-impermeable back-surface sheet (160); an absorbent body (140) that i s provided between the front-surface sheet (110) and the back-surface sheet (160), and that absorbs liquid that has permeated through the front-surface sheet (110); an intermediate sheet (120) that i s arrange between the front-surface sheet (110) and the absorbent body (140); and a color arrangement region (130) that forms a color arrangement pattern together with at least one of the front-surface sheet (110), the back-surface sheet (160), and the absorbent body (140). The absorbent sheet i s characterized in that the front- surface sheet (110) is formed so as to have a lower total light transmittance than the intermediate sheet (120).

No. of Pages : 51 No. of Claims : 15

(22) Date of filing of Application :29/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : PRESS -MOLDING METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:NA :NA :NA	 (71)Name of Applicant : 1)NIPPON STEEL & SUMITOMO METAL CORPORATION Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku
(86) International Application No Filing Date	:PCT/JP2013/050692 :16/01/2013	Tokyo 1008071 Japan (72) Name of Inventor :
(87) International Publication No	:WO 2014/112056	1)UCHIYAMA Shigeru
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)TANAKA Yasuharu 3)MIYAGI Takashi 4)OGAWA Misao
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This method press-molds a final molded article that is provided with a top plate section, a vertical wall section, and a flange section, and that has at least one curved section in the lengthwise direction thereof. The press-molding method has: a first molding step that, when forming the top plate section, the vertical wall section, the curved section, and the flange section, in a plane perpendicular to a high-strength steel plate and containing a horizontal line linking the center of the curve of the curved section and the intersection section of the flange section and the vertical wall section, the flange section is worked in a bending manner at the intersection section until the angle of the flange section with respect to the horizontal line becomes $\alpha 1$; and a second molding step that additionally bends/works the flange section at the intersection section after the first molding step until the angle of the flange section with respect to the horizontal bending angle β , which is $\alpha 1 - \alpha 2$, is caused to be in a predetermined range, reducing warping and torsion of the final molded article.

No. of Pages : 57 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : ENDOLUMINAL INTRODUCER			
 (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 	:A61B1/31,A61B1/015,A61B1/07 :61/745682 :24/12/2012 :U.S.A. :PCT/IB2013/003243 :24/12/2013 :WO 2014/108730 :NA :NA :NA	 (71)Name of Applicant : 1)NOVADAQ TECHNOLOGIES INC. Address of Applicant :2585 Skymark Avenue ,Suite 306, Mississauga, ON L4W 4L5 Canada (72)Name of Inventor : 1)LEEUW ,Christopher 2)FENGLER, John 3)SHERWINTER ,Danny 	

(57) Abstract :

An introducer for use during endoscopic procedures provides insufflation, washing, and aspiration functions, and provides for the protection of the endoluminal surface during laparoscopic examination of an anastomosis or suture line following low anterior resection of the bowel. The introducer may be designed for the insertion of an endoscope capable of white light and/or near infra-red fluorescence imaging info the rectum for analysis of an anastomosis following low anterior resection of the bowel.

No. of Pages : 23 No. of Claims : 15

(21) Application No.5559/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : MEASURING DEVICE AND COMPONENT WITH MEASURING DEVICE INTEGRATED THEREIN

(31) Priority Document No:10 2(32) Priority Date:04/1(33) Name of priority country:Ger(86) International Application No:PCTFiling Date:03/1	A A A A A A A A A A A A A A A A A A A
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(57) Abstract :

The invention relates to a measuring device (M) for measuring mechanical stresses or vibrations occuring in a component (9), wherein the measuring device (M) comprises at least one electromechanical transducer (1) which can be integrated in a frictionally locking fashion into the component (9) and at least one electronic unit (5) which is connected to the transducer (1) via signal lines (2) and has the purpose of recording and processing the signal supplied by the transducer (1). In order to improve the robustness of the arrangement, the invention proposes that the electronic unit (5) be surrounded at least partially by a housing (8), and wherein between the electronic unit (5) is provided for absorbing relative movements between the housing (8) and the electronic unit (5).

No. of Pages : 23 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :29/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : IMPREGNATING RESIN FOR AN ELECTRICAL INSULATION BODY, ELECTRICAL INSULATION BODY , AND METHOD FOR PRODUCING THE ELECTRICAL INSULATION BODY

	:NA :NA	 (71)Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :Wittelsbacherplatz 2 80333 M¹/4nchen Germany (72)Name of Inventor : 1)BROCKSCHMIDT Mario 2)POHLMANN Friedhelm 3)RAINER Frank
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to an impregnating resin for an electrical insulation body, comprising a base resin, a filier having nanoscale particles, and a radically polymerizing reactive diluent. The invention further relates to an electrical insulation body comprising the impregnating resin and a method for producing the electrical insulation body.

No. of Pages : 15 No. of Claims : 7

(22) Date of filing of Application :29/06/2015

(43) Publication Date : 22/01/2016

(51) International classification	:B21B37/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TOSHIBA MITSUBISHI ELECTRIC INDUSTRIAL
(32) Priority Date	:NA	SYSTEMS CORPORATION
(33) Name of priority country	:NA	Address of Applicant :3-1-1, Kyobashi ,Chuo- ku ,Tokyo
(86) International Application No	:PCT/JP2013/052495	1040031 Japan
Filing Date	:04/02/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2014/118989	1)JINNAI Hiroyuki
(61) Patent of Addition to Application	:NA	2)IMANARI Hiroyuki
Number	:NA :NA	3)SHIMODA Naoki
Filing Date	.11/A	4)KITAGOH Kazutoshi
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(54) Title of the invention : ENERGY- SAVING CONTROL DEVICE FOR ROLLING LINE

(57) Abstract :

Provided is an energy -saving control device for a rolling line , the device being capable of finding rolling conditions for minimizing energy consumed by the rolling line while securing product quality. The energy -saving control device for a rolling line is provided with: a consumed energy- predicting unit for calculating the energy consumed by the rolling line on the basis of the rolling conditions of the rolling line; and a consumed energy optimization unit for changing rolling conditions other than the target rolled material temperature as operation items so as to reduce the consumed energy calculated by the consumed energy -predicting unit while securing the quality of the product formed by rolling the rolled material.

No. of Pages : 48 No. of Claims : 9

(22) Date of filing of Application :29/06/2015

(21) Application No.5702/DELNP/2015 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : RECOMMENDATION ENGINE FOR INTERACTIVE SEARCH FORMS

(51) International classification	:G06Q30/02	(71)Name of Applicant :
(31) Priority Document No	:12290442.8	1)AMADEUS S.A.S.
(32) Priority Date	:17/12/2012	Address of Applicant :485 route du Pin Montard Sophia
(33) Name of priority country	:EPO	Antipolis F- 06410 Biot France
(86) International Application No	:PCT/EP2013/003758	(72)Name of Inventor :
Filing Date	:12/12/2013	1)ROBELIN Charles - Antoine
(87) International Publication No	:WO 2014/095008	2)BEZINE Benjamin
(61) Patent of Addition to Application	:NA	3)ROTHE Ingolf Tobias
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		l

(57) Abstract :

Systems, methods, and computer program products for interacting with an interactive form. One or more values of a first control of the interactive form may be received at a server. Each value may represent a portion of a travel -related search query entered at the client device. At least one recommended value for a second control of the interactive form, which is different from the first control of the interactive form, may be determined and communicated from the server to the client device.

No. of Pages : 39 No. of Claims : 15

(22) Date of filing of Application :14/07/2014

(54) Title of the invention : PHOTOVOLTAIC INVERTER SYSTEM

(21) Application No.1978/DEL/2014 A

(43) Publication Date : 22/01/2016

(51) International classification	:H02M7/515	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY KANPUR
(32) Priority Date	:NA	Address of Applicant :Dean, Research & Development, 255,
(33) Name of priority country	:NA	Faculty Building, Indian Institute of Technology Kanpur, Kanpur -
(86) International Application No	:NA	Uttar Pradesh 208016, Uttar Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SENSARMA, Partha Sarathi
(61) Patent of Addition to Application Number	:NA	2)GAUTAM, Vasav
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Described herein a photovoltaic inverter system (100) comprising one or more series connected photovoltaic modules and an inverter (104). The inverter (104), connected to the one or more photovoltaic modules, converts direct current voltage generated by the one or more photovoltaic modules into alternate current voltage. Further, in an implementation, one terminal of at least one photovoltaic module (102) of the one or more series connected photovoltaic modules is connected to earth potential (108).

No. of Pages : 26 No. of Claims : 9

(22) Date of filing of Application :24/06/2015

(21) Application No.5568/DELNP/2015 A

(43) Publication Date : 22/01/2016

		-
(51) International classification	:A61M5/20	(71)Name of Applicant :
(31) Priority Document No	:13151386.3	1)BAYER PHARMA AKTIENGESELLSCHAFT
(32) Priority Date	:16/01/2013	Address of Applicant :M ¹ / ₄ llerstr. 178, 13353 Berlin German
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:PCT/EP2014/050452	1)POULSEN, Sven ,Erik
Filing Date	:13/01/2014	2)OLESEN ,Jan
(87) International Publication No	:WO 2014/111332	3)PEDERSEN, Carsten
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		L

(54) Title of the invention : LOCK FOR DRUG INJECTION DEVICE

(57) Abstract :

A drug injection device comprises a main body case, a drug syringe mounting component, a piston, a drive mechanism, a controller, and means for locking the lid during operation of the drug injection device. The main body case has a lid and a base and an injection needle letin/ let-out opening. The drug syringe mounting component is provided inside the main body case, and allows a (filled)drug syringe to be mounted therein. The piston is movable with respect to the drug syringe mounting component. The drive mechanism drives the drug syringe mounting com ponent and the piston. The controller is electrically connected to the drive mechanism. The means for locking the lid during operation of the drug injection device is activated and deactivated by movement of the drug syringe mounting component when the lid is closed.

No. of Pages : 15 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : A METHOD OF DETERMINING THE BLOCKING POSITION OF AN OPTICAL LENS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:B24B13/005,B24B13/00,B29D11/00 :12306717.5 :31/12/2012 :EPO	 (71)Name of Applicant : 1)ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE) Address of Applicant :147 rue de Paris, F -94220 Charenton - le -Pont France (72)Name of Inventor :
 (86) International Application No Filing Date (87) International Publication No 	:PCT/EP2013/078159 :31/12/2013 :WO 2014/102385	1)BAUDART, Thierry
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA	

(57) Abstract :

A method of determining the blocking position of an optical lens Method for determining a position of an optical lens member placed on a lens blocking ring (22),the method comprising: - a reference system providing step(SI), - a blocking ring data providing step (S2), - an optical lens member surface data providing step (S3), - a position parameters providing step (S4) during which position parameters defining a position of a reference point of the surface of the lens member with respect to the main plane of the reference system and an orientation, about the main axis of said placed surface at said reference point, - an initial position de termining step (S5) during which the position of the placed surface is determined according to the position parameters, -a repositioning step (S6) during which the placed surface is virtually translated and rotated, - an altitude determination step (S7) during which a difference in position between the blocking ring and the placed surface is determined, the re-positioning and altitude determining steps (S6, S7) are re peated so as to minimizing the difference in position between the blocking ring and the placed surface.

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

(54) Title of the invention : ALKALI SELENOGERMANATE GLASSES

(21) Application No.5570/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

(51) International classification	:C03C3/32,C03C3/253	(71)Name of Applicant :
(31) Priority Document No	:61/730678	1)CORNING INCORPORATED
(32) Priority Date	:28/11/2012	Address of Applicant :1 Riverfront Plaza, Corning, New York
(33) Name of priority country	:U.S.A.	14831 U.S.A.
(86) International Application No	:PCT/US2013/071428	2)AITKEN, Bruce Gardiner
Filing Date	:22/11/2013	3)CURRIE, Stephen Charles
(87) International Publication No	:WO 2014/085237	(72)Name of Inventor :
(61) Patent of Addition to Application	:NA	1)AITKEN, Bruce Gardiner
Number	:NA :NA	2)CURRIE ,Stephen Charles
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Selenogemanate, selenogallo- or selenoindo-germanate glasses that are modified by alkali metals, for example, Na or Li and, as such, are characterized by high alkali ion mobility or conductivity. Ionic conducting chalcogenide glasses have potential application as an electrolyte medium for solid state batteries.

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

(22) Date of filing of Application :29/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : ANION EXCHANGE BLOCK COPOLYMERS, THEIR MANUFACTURE AND THEIR USE

 (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 	C08F212/00 :61/752,256	 (71)Name of Applicant : KRATON POLYMERS U.S. LLC Address of Applicant :16400 Park Row, Houston, Texas (7084, USA, U.S.A. (72)Name of Inventor : CARL LESLEY WILLIS IRWAN HIDAJAT MIKE HENIFF
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(57) Abstract :

Selectively amino- or phosphino-functionalized block copolymers, and their preparation, for use as anion exchange membrane materials. The selectively functionalized block copolymers have at least two end blocks A each of which are substantially free of amino- or phosphino-functional groups, and have at least one interior block D which comprises at least one amino- or phosphino functionalized polymer unit of formula (I) wherein Z is nitrogen or phosphorous;R1 is hydrogen or alkyl; R2 is hydrogen or is tertiary alkyl; R each independently, is hydrogen or is alkyl optionally substituted by a moiety -(A-NRR15; or two R groups, together with the Z to which they are bonded, form an optionally substituted ring; x is 1, 2 or 3; A1 is straight chain alkylene optionally substituted by one or more methyl and/or ethyl groups; and Ra and Rb, each independently, is hydrogen or alkyl; or a corresponding onium salt.

No. of Pages : 89 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : ANION EXCHANGE BLOCK COPOLYMERS, THEIR MANUFACTURE AND THEIR USE :C08F4/46,C08F212/00 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)KRATON POLYMERS U.S. LLC :61/752256 (32) Priority Date Address of Applicant :16400 Park Row, Houston, Texas :14/01/2013 (33) Name of priority country :U.S.A. 77084 U.S.A. (86) International Application No :PCT/US2014/011351 (72)Name of Inventor: Filing Date :13/01/2014 1)WILLIS ,Carl Lesley (87) International Publication No :WO 2014/110534 2)HIDAJAT, Irwan (61) Patent of Addition to Application 3)HENIFF,Mike :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Selectively amino - or phosphino- functionalized block copolymers, and their preparation, for use as anion exchange membrane materials. The selectively functionalized block copolymers have at least two end blocks A each of which are substantially free of amino- or phosphino -functional groups, and have at least one interior block D which comprises at least one amino - or phosphino-functionalized polymer unit of formula (I) wherein Z is nitrogen or phosphorous; R1is hydrogen or alkyl; R2 is hydrogen or is tertiary alkyl; R each independently, is hydrogen or is alkyl optionally substituted by a moiety- (A- NRx)Rb; or two R groups, together with the Z to which they are bonded, form an optionally substituted ring; x is 1, 2 or 3; A1 is straight chain alkylene optionally substituted by one or more methyl and/or ethyl groups; and Ra and Rb, each independently, is hydrogen or alkyl; or a corresponding onium salt.

No. of Pages : 98 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : GAS TURBINE OUTER CASE ACTIVE AMBIENT COOLING INCLUDING AIR EXHAUST INTO SUB- AMBIENT CAVITY

(57) Abstract :

A gas turbine engine including an outer case and an exhaust gas passage defined within the outer case for conducting an exhaust gas flow from a turbine section of the gas turbine engine. A cooling channel is associated with an outer surface of the outer case, the cooling channel having a channel inlet and a channel outlet. An air duct structure is provided and includes an inlet end in fluid communication with the channel outlet and includes an outlet end in fluid communication with an area of reduced pressure relative to the air duct structure inlet end. An exit cavity is located at the air duct structure outlet end, wherein the exit cavity effects a reduced pressure at the outlet end to draw air from the cooling channel into the air duct.

No. of Pages : 36 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : TREATMENT COMPOSITIONS COMPRISING MICROCAPSULES PRIMARY OR SECONDARY AMINES AND FORMALDEHYDE SCAVENGERS

(51) International classification (31) Priority Document No	:C11D3/20,C11D3/30,C11D3/32 :13152210.4	(71)Name of Applicant : 1)THE PROCTER & GAMBLE COMPANY
(32) Priority Date	:22/01/2013	Address of Applicant : One Procter & Gamble Plaza,
(33) Name of priority country	:EPO	Cincinnati ,Ohio 45202 U.S.A.
(86) International Application N	o:PCT/US2014/011564	(72)Name of Inventor :
Filing Date	:15/01/2014	1)BIANCHETTI ,Giulia ,Ottavia
(87) International Publication No.	:WO 2014/116469	2)BOUTIQUE ,Jean Pol
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)DENUTTE ,Hugo ,Robert Germain
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The need for a treatment composition which provides a pleasant odour to a treated situs, particularly one having a long-lasting woody, floral, fruity or citrus character, and which does not discolour over time, is met by formulating the treatment composition with microcapsules comprising a microcapsule wall formed from cross-linked formaldehyde, and a core comprising an aldehyde or ketone containing perfume, in combination with a formaldehyde scavenger which does not complex with the aldehyde and/or ketone and amine, to form complexes that result in discoloration.

No. of Pages : 31 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :29/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : A METHOD OF READING DATA REPRESENTED BY A PERIODIC ,POLARISING NANOSTRUCTURE

(51) Internetional alegaitization	·C01D5/24	(71) Name of Amplicant
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:13250008.3	1)RENISHAW PLC
(32) Priority Date	:15/01/2013	Address of Applicant :New Mills Wotton under Edge
(33) Name of priority country	:EPO	Gloucestershire GL12 8JR U.K.
(86) International Application No	:PCT/GB2014/050080	(72)Name of Inventor :
Filing Date	:13/01/2014	1)KIDD Matthew Donald
(87) International Publication No	:WO 2014/111696	2)WESTON Nicholas John
(61) Patent of Addition to Application	:NA	3)HENSHAW James Reynolds
Number		4)ARDRON Marcus
Filing Date	:NA	5)DARDIS John
(62) Divisional to Application Number	:NA	6)THOMSON Robert
Filing Date	:NA	

(57) Abstract :

A method of reading data represented by a marking comprising at least one periodic nanostructure, the marking representing data using a polarisation property of the periodic nanostructure. The method comprises detecting polarised electromagnetic radiation reflected from or transmitted by the nanostructure, and determining the data represented by the marking from the detected polarised electromagnetic radiation, wherein the method further comprises applying polarised electromagnetic radiation to the nano-structure, and/or the detecting is performed using a polarisation-sensitive detector apparatus.

No. of Pages : 45 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :29/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : AUTOTAXIN INHIBITORS

(51) International classification:C07D403/12,C07D401/06,C07D401/12(31) Priority Document No:61/739214(32) Priority Date:19/12/2012(33) Name of priority country:U.S.A.(86) International Filing Date:PCT/IB2013/061047(87) International Filing Date:WO 2014/097151(87) International Filing Date:WA(87) International Filing Date:WA(87) International Filing Date:WA(87) International Filing Date:WA(87) International Filing Date:WA(87) International Filing Date:WA(87) International Filing Date:WA	 (71)Name of Applicant : 1)NOVARTIS AG Address of Applicant :Lichtstrasse 35 CH 4056 Basel Switzerland (72)Name of Inventor : 1)FURMINGER Vikki 2)HUGHES Owen 3)THOMSON Christopher 4)LEGRAND Darren Mark 5)STANLEY Emily
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(57) Abstract :

The present invention relates to novel compounds of formula (I) (I) that are autotaxin inhibitors , processes for their

preparation, pharmaceutical compositions and medicaments containing them and to their use in the treatment of an ATX -dependent or ATX -mediated disease or condition.

No. of Pages : 192 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :23/02/2011

(54) Title of the invention : DANA CONSERVATIVE TWINS FORCES. :F02G (71)Name of Applicant : (51) International classification 1)MOID ALAM KHAN 1/00(31) Priority Document No Address of Applicant :H.NO.69, QASAI TOLA OLD CITY :NA (32) Priority Date NEAR SABIR HALWAI KI GALI, BLY (U.P) Uttar Pradesh :NA (33) Name of priority country :NA India (86) International Application No (72)Name of Inventor: :NA Filing Date :NA 1)MOID ALAM KHAN (87) 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 conservative force available with any conservative force field cannot work on a complete closed path, to work on the complete path, a force shall have to be applied from outside against the conservative force. If a conservative force field, in a special circumstance, provides two conservative forces (such combined forces shall be called DANA conservative force combination) to work together at the same time on the same path and one force will work against the another, then, we can receive continuous energy without doing any work on the complete closed path, which is possible. Therefore, the universal law of energy conservation is erroneous.

No. of Pages : 3 No. of Claims : 2

(19) INDIA

(22) Date of filing of Application :25/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR PURIFYING A CRUDE PNPNH 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 N (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:13154780.4 :11/02/2013 :EPO :PCT/IB2014/058921 :11/02/2014	 (71)Name of Applicant : SAUDI BASIC INDUSTRIES CORPORATION Address of Applicant :P.O. Box 5101, Riyadh ,11422 Saudi Arabia Arabia LINDE AG (72)Name of Inventor : WOHL, Anina WOHL, Anina MEISWINKEL ,Andreas BOLT ,Heinz MULLER, Bernd MULLER ,Wolfgang PEULECKE, Normen ROSENTHAL ,Uwe HARFF, Marco AL- HAZMI ,Mohammed H ALQAHTANI ,Abdullah AZAM ,Shahid
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(57) Abstract :

The present invention relates to a method for purifying a crude PNPNH compound by metalation and re-protonation.

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

(22) Date of filing of Application :25/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : INJECTABLE DEPOT FORMULATION COMPRISING OPTICALLY ACTIVE TOLVAPTAN AND PROCESS OF PRODUCING THE SAME

(31) Priority Document No(32) Priority Date	a :A61K9/00,A61K9/16,A61K31/55 :61/747005 :28/12/2012	1)OTSUKA PHARMACEUTICAL CO. ,LTD. Address of Applicant :9, Kanda- Tsukasamachi 2 -chome
 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to 	:PCT/JP2013/085355 :27/12/2013 :WO 2014/104412	,Chiyoda -ku, Tokyo 1018535 Japan (72)Name of Inventor : 1)KANEKO ,Daiki 2)MATSUDA, Takakuni 3)MIYATA, Kenichi 4)SUZUKI ,Kai 5)FUJIKI ,Hiroyuki
Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	6)KINOSHITA ,Shizuo 7)OHMOTO, Koji 8)AIHARA, Miki

(57) Abstract :

This invention provides an injectable formulation to be administered intramuscularly or subcutaneously that is used for the prevention or treatment of polycystic kidney disease, and that can maintain a therapeutically effective blood concentration of tolyaptan for a long period of time; and a process for producing the same. More specifically, this invention relates to an injectable depot formulation comprising (1) a particle containing optically active tolvaptan as an active ingredient and (2) a pharmaceutically acceptable carrier for injection, and a process for producing the same.

No. of Pages : 60 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :06/07/2015

(43) Publication Date : 22/01/2016

(51) International classification	:B23K26/38,B23K37/047	(71)Name of Applicant :
(31) Priority Document No	:201310157684.1	1)BAOSHAN IRON & STEEL CO. LTD.
(32) Priority Date	:28/04/2013	Address of Applicant :No.885 Fujin Road Baoshan District
(33) Name of priority country	:China	Shanghai 201900 China
(86) International Application No	:PCT/CN2014/076318	(72)Name of Inventor :
Filing Date	:28/04/2014	1)WU Ruimin
(87) International Publication No	:WO 2014/177030	2)JIN Chengguo
(61) Patent of Addition to Application	:NA	3)JIN Wenhai
Number	:NA :NA	4)YANG Saidan
Filing Date	.INA	5)QIAO Junliang
(62) Divisional to Application Number	:NA	6)PAN Shengbo
Filing Date	:NA	7)WANG Yuming

(54) Title of the invention : METHOD OF UNCOILING AND BLANKING

(57) Abstract :

Disclosed is a method of uncoiling and blanking wherein after uncoiling (1) straightening (2) and cropping (3) coiled stock enters looping (4); after looping the surface of the coiled stock is washed (5) flattened (6) and then enters laser cutting and blanking (8) via pinch rolls (7) the laser cutting using a steady state dual laser cutting head to cut the coiled stock; cut off waste material falls in the cutting zone and is transported away; after completion of the cutting the obtained sheet undergoes final cutting off and then a material receiving device (10) receives the material and the material is conveyed by a conveyor belt to a capturing and stacking zone and the sheet is stacked. The method for uncoiling and blanking uses laser steady state cutting and the cooperation between two laser cutting heads can effectively increase production pace and yield which is easy to operate and control.

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

(19) INDIA

(22) Date of filing of Application :06/07/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : APPARATUS AND METHOD USABLE WITH AN INJECTION MOLDER FOR PRODUCING ARTICLES IN PARTICULAR ORTHODONTIC BRACKETS

 (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 	:A61C7/16,B29C45/04 :61/751591 :11/01/2013 :U.S.A. :PCT/US2014/011219 :13/01/2014 :WO 2014/110479 :NA :NA :NA	 (71)Name of Applicant : 1)DENTSPLY INTERNATIONAL INC. Address of Applicant :570 West College Avenue York Pennsylvania 17405 U.S.A. (72)Name of Inventor : 1)ANDERSON Michael 2)MARONEY David Richard
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An apparatus (12) usable with an injection molder (10) for producing articles in particular orthodontic brackets includes a first mold support (18 20) including a first mold and a second mold support (18 20) including a second mold and a first die. The first mold support is movable relative to the second mold support between a first position and a second position. In the first position the first mold and the second mold being brought together to form an injection molded article (14) include a body having at least one protrusion extending outwardly from the body and facing the second mold. In the second position the first mold and the first die being brought together to subsequently form the article the first die selectively subsequently forming an altered cross sectional region (64) in at least a portion of the protrusion forming an undercut (70) in the altered cross sectional region (64) or between the altered cross sectional region (64) of the subsequently formed protrusion and the body.

No. of Pages : 39 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :25/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : COMBINATION THERAPY

classification:A01K45/06,A01K51/450,A01K51/519(31) Priority Document:61/730661No:61/730661(32) Priority Date:28/11/2012(33) Name of priority:U S A	 71)Name of Applicant : 1)NOVARTIS AG Address of Applicant :Lichtstrasse 35, CH- 4056 Basel Switzerland 72)Name of Inventor : 1)DOSHI ,Shivang 2)KIM ,Sunkyu
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(57) Abstract :

The present invention relates to a pharmaceutical combination comprising (1) a first agent which is a CDK inhibitor or a pharmaceutically acceptable salt thereof and (2) a second agent which is a mTOR inhibitor or a pharmaceutically acceptable salt thereof.

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

(19) INDIA

(22) Date of filing of Application :25/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : POWER CONVERSION DEVICE

 classification (31) Priority Document No :20122609. (32) Priority Date :29/11/201 (33) Name of priority country :Japan (86) International Application 	2 13/079976 3	 (71)Name of Applicant : 1)KABUSHIKI KAISHA TOSHIBA Address of Applicant :1- 1, Shibaura 1- chome, Minato- ku ,Tokyo 105-8001 Japan (72)Name of Inventor : 1)NAKAZAWA Yosuke 2)MURAO Takeru 3)TAMADA Shunsuke
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(57) Abstract :

When a leg is configured by connecting two switching elements having a self- turn -off function in series, a constituent consisting of said leg and a capacitor connected in parallel with said leg is defined as a converter unit, and a constituent consisting of one or more said converter units connected in series is defined as a phase arm , a power conversion device according to one embodiment includes , in each phase of three phases , a positive -side phase arm , a single- phase four- winding transformer , and a negative- side phase arm. In the power conversion device , one end of said positive- side phase arm is connected to the positive side of a secondary winding of said four -winding transformer and the other end thereof to a DC positive side terminal. One end of said negative side phase arm is connected to the positive sides of the secondary and tertiary windings of said four winding transformers are connected to each other and also connected between the three phases. The negative sides of the primary windings of said four -winding transformers are connected to each other. The quaternary windings of said four -winding transformers are connected to each other. The power conversion device is equipped with: first AC breakers connected between the positive sides of the primary windings of said four -winding transformers and a high- voltage AC system; and second AC breakers and inrush current suppression resistors connected in series between the quaternary windings of said four- winding transformers and a low -voltage AC power source.

No. of Pages : 30 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :06/07/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND APPARATUS FOR ESTABLISHING A BACKHAUL LINK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:H04W92/20,H04W40/00,H04W76/02 :NA :NA :NA	 (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant :S 164 83 Stockholm Sweden (72)Name of Inventor : 1)LARAQUI Kim
(86) International Application No Filing Date	:PCT/SE2013/050169 :26/02/2013	
(87) International Publication No	:WO 2014/133426	
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

A method and radio base station for enabling establishment of backhaul links. A method is performed by a first communication network node for establishing a backhaul link (BH) between the first communication network node and a second communication network node (200 200 202 400) wherein one of the first communication network node and the second communication network node is associated to a backhaul network (220). The second communication network node is detected (500) an address of the second communication network node is determined (502) preferably an IP address or an Ethernet address. The address is sent (504) to a backhauling entity (206) the backhauling entity being associated with a third communication network node (204) and at least one of the first communication network node. Routing information regarding the second communication network node is received (506) from the backhauling entity the routing information being calculated by the backhauling entity and a backhaul link (BH) between the first communication network node and the second communication network node is established (508) by applying the routing information. By performing routing calculations in a central backhauling entity embedded RBSs may be designed less complex because less calculation capacity needs to be included and no routing protocols needs to be stored locally. Moreover the backhauling entity may select the most appropriate and effective transport mechanism for the backhauling.

No. of Pages : 41 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :25/06/2015

(43) Publication Date : 22/01/2016

(51) International classification	:G06F3/01	(71)Name of Applicant :
(31) Priority Document No	:2012905248	1)NAVISENS INC.
(32) Priority Date	:03/12/2012	Address of Applicant :1355 Market St., Suite 488, San
(33) Name of priority country	:Australia	Francisco, California 94103 U.S.A.
(86) International Application No	:PCT/US2013/072926	(72)Name of Inventor :
Filing Date	:03/12/2013	1)DONIKIAN, Ashod
(87) International Publication No	:WO 2014/089119	2)DONIKIAN, Ashod
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : SYSTEMS AND METHODS FOR ESTIMATING THE MOTION OF AN OBJECT

(57) Abstract :

A method for estimating the motion, orientation, position, and trajectory of an object, comprising acquiring sensor data, estimating an attitude of the object, estimating an altitude of the object, data extracting a feature, classifying a motion, selecting a motion model, and estimating a motion parameter. Systems for executing the method are also disclosed.

No. of Pages : 45 No. of Claims : 15

(22) Date of filing of Application :25/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : UTILITY VEHICLE

(51) International classification	:F01N3/08,E02F9/00,F01N3/26	(71)Name of Applicant :
(31) Priority Document No	:NA	1)KOMATSU LTD.
(32) Priority Date	:NA	Address of Applicant :2 -3 -6 ,Akasaka, Minato -ku ,Tokyo
(33) Name of priority country	:NA	1078414 Japan
(86) International Application No	:PCT/JP2013/085240	(72)Name of Inventor :
Filing Date	:27/12/2013	1)YAMASHITA ,Hiroshi
(87) International Publication No	:WO 2014/192197	
(61) Patent of Addition to	:NA	
Application Number Filing Date	:NA	
(62) Divisional to Application	-N A	
Number	:NA	
Filing Date	:NA	

(57) Abstract :

The hydraulic snovei (1) of the invention is provided with:an urea solution injection device (25), an urea solution tank (23), a pump(24), a first pipe (1) and a second pipe (33). The urea solution injection device (25) is arranged in an engine compartment (10) and injects the urea solution usea m purification treatment of the exhaust gas in the exhaust gas. The urea solution tank (23) stores the urea solution. The pump (24) pumps up the urea solution from the urea solution tank (23) and supplies it t o the urea solution injection device (25). The first pipe (1) connects the urea solution tank (23) and the pump (24) and supplies the urea solution : from the urea solution tank (23) t o the pump (24). The second pipe (33) connects the pump (24) and the urea solution injection device (25), has a diameter inferior to the diameter of the first pipe (31).

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

(22) Date of filing of Application :25/06/2015

(21) Application No.5618/DELNP/2015 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : WORKING V	/EHICLE	
 (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 	:F01N3/08 :NA :NA :NA :PCT/JP2013/075837 :25/09/2013 :WO 2015/045023 :NA :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)KOUNO Kiichirou 2)ITOU Ken 3)YOGITA Jin 4)OKUDA Kozo 5)ONODERA Yasuyuki 6)OGURI Hideo 7)NAGASAKA Shouhei 8)TOMURO Minato

(57) Abstract :

This working vehicle is provided with a vehicle main body, a duct, a first heating unit, and a second heating unit. The vehicle main body has a first region, and a second region partitioned from the first region. The duct has a first duct unit and a second duct unit. The first duct unit is positioned in the first region. The second duct unit is positioned in the second region. The first heating unit heats the first duct unit. The second heating unit is capable of adjusting temperature independently from the first heating unit, and heats the second duct unit.

No. of Pages : 40 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :06/07/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR REGENERATING AND/OR INCREASING THE DURABILITY OF A MILL ROLL

(51) International classification	n:B23K35/30,B21B27/02,B23P6/00	(71)Name of Applicant :
(31) Priority Document No	:P.402318	1)PLASMA SYSTEM S.A.
(32) Priority Date	:31/12/2012	Address of Applicant :ul. Towarowa 14 PL 41 103
(33) Name of priority country	:Poland	Siemianowice Slaskie Poland
 (86) International Application No Filing Date (87) International Publication 	:PCT/PL2013/000171 :19/12/2013	(72)Name of Inventor :1)BOREK Aleksander2)DUDZINSKI Krzysztof
No	:WO 2014/104902	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention refers to the method for regenerating and increasing durability of a mill roll which is characterized in that lateral working surfaces (2) of a mill roll (1) having the width of 20 mm to 400 mm are covered preferably by means of the laser cladding with a layer of metallic material (3) having the thickness of 0.1 to 4.0 mm preferably 1.5 to 2.0 mm.

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

(22) Date of filing of Application :06/07/2015

(43) Publication Date : 22/01/2016

(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 	:B41J2/175 :13/739429 :11/01/2013 :U.S.A. :PCT/US2014/010698 :08/01/2014 :WO 2014/110143 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SECURE SILICON LAYER INC. Address of Applicant :3010 Lee Avenue Sanford North Carolina 27331 U.S.A. (72)Name of Inventor : 1)THACKER William Eli 2)TENCZAR Robert Francis 3)HOKE Michael Clinton 	

(57) Abstract :

In one aspect a cartridge chip for use with an imaging cartridge installed in an imaging device includes a memory element storing imaging cartridge data an I/O circuit for interfacing with the imaging device and a controller for controlling the operation of the cartridge chip and communicatively connected to the memory element and the I/O circuitry wherein at least one of the memory element the I/O circuitry and the controller comprise an IBG circuit.

No. of Pages : 72 No. of Claims : 25

(22) Date of filing of Application :06/07/2015

(43) Publication Date : 22/01/2016

(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 	:H01L23/52 :13/739401 :11/01/2013 :U.S.A.	 (71)Name of Applicant : 1)SECURE SILICON LAYER INC. Address of Applicant :3010 Lee Avenue Sanford North Carolina 27331 U.S.A. (72)Name of Inventor : 1)THACKER William Eli 2)TENCZAR Robert Francis 3)HOKE Michael Clinton 	

(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 teardown 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 : 42 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :25/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : PROCESS AND APPARATUS FOR PRODUCING AMMONIUM SULFATE CRYSTALS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:C01C1/248,B01D9/00,C05C3/00 :12195812.8 :06/12/2012 :EPO :PCT/EP2013/075087	 (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)TINGE, Johan Thomas
Filing Date (87) International Publication No	:29/11/2013 :WO 2014/086676	2)EKKELENKAMP, Geert 3)DEBEIJ ,Johannes Elisabeth Pierre 4)GEERTMAN ,Robert
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)YSACKER VAN ,Peter
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention provides a continuous process for producing ammonium sulfate crystals, wherein said process comprises: i)feeding to a series of crystallization sections, which crystallization sections are heat integrated in series, a solution of ammonium sulfate; ii) crystallizing ammonum sulfate crystals from said solution of ammonium sulfate; iii)purging a fraction of the solution of ammonium sulfate from each of said crystallization sections; and iv) discharging ammonium sulfate crystals from each crystallization section, characterized in that: a fraction of said solution of ammonium sulfate is purged from at least one crystallization section to at least one other crystallization section; and an apparatus suitable for producing ammonium sulfate crystals.

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

(19) INDIA

(22) Date of filing of Application :06/07/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : POWER DISTRIBUTION SYSTEM AND METHOD AND CIRCUIT BREAKER FOR USE THEREIN (51) International classification :H02H3/00 (71)Name of Applicant : (31) Priority Document No 1) ENERGY DISTRIBUTION SYSTEMS PROPRIETARY :2012905447 (32) Priority Date :13/12/2012 LTD. (33) Name of priority country :Australia Address of Applicant :70 Arcadian Circuit Carlingford NSW (86) International Application No :PCT/AU2013/001467 2118 Australia (72)Name of Inventor: Filing Date :13/12/2013 (87) International Publication No :WO 2014/089637 1)EMERSON Scott Damien (61) Patent of Addition to Application 2)NEWLAN Gordon James :NA Number **3)VEENENDAAL Marc Phillip** :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A programmable circuit breaker including an input unit a sensor and a trip mechanism. The input unit permits user input and/or adjustment of predetermined load parameters. The sensor senses actual values of a load. A microcontroller receives and processes the values and operates/trips the circuit breaker when the sensed values exceed predetermined load parameters. The sensor preferably includes a Hall Effect sensor. The circuit breaker is preferably able to be programmed monitored and/or tripped remotely. It preferably includes an RCD. In a power distribution system at least one such current breaker is provided controllable by a controller which may be remote from the current breaker.

No. of Pages : 51 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION	ſ
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(19) INDIA

(22) Date of filing of Application :06/07/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : HEAT EXCHANGER (51) International classification :F28F9/02,F02M25/07,F28D21/00 (71)Name of Applicant : 1)BORGWARNER EMISSIONS SYSTEMS SPAIN S.L.U. (31) Priority Document No :12382485.6 (32) Priority Date :07/12/2012 Address of Applicant :Carretera de Zamanes 20 E 36315 Vigo (33) Name of priority country :EPO Pontevedra Spain (72)Name of Inventor : (86) International Application :PCT/EP2013/075608 No 1)GARC • A GONZ • LEZ Salvador :05/12/2013 Filing Date (87) International Publication :WO 2014/086902 No (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 proposes a new design in the configuration of the attachment between the battery of tubes and the shell of a heat exchanger improving the manufacturing costs and efficiency with respect to the exchangers of the state of the art. The present invention describes a heat exchanger and a process for manufacturing it which combines the thermal fatigue strength of floating core exchangers with the compact simple and more economical design of monoblock exchangers resulting from among others a smaller number of necessary manufacturing steps.

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

(19) INDIA

(22) Date of filing of Application :06/07/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : A GUIDE FOR AN EYE DROP DISPENSER BOTTLE FOR THE SELF ADMINISTRATION OF EYE DROPS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 		 (71)Name of Applicant : 1)COOPER Clifford Address of Applicant :Orange Music Electronic Company Limited 3rd Floor 167 Fleet Street London EC4A 2EA U.K. (72)Name of Inventor :
(86) International Application No		
Filing Date (87) International Publication No	:07/01/2014 :WO 2014/106759	1)COOPER Clifford
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The guide (2) consists of a positioning member (16) that enables a user to align an eye drop dispenser bottle (4) with the eye to be treated. The guide (2) includes an attachment device (6) for removably attaching the guide (2) to the eye drop dispenser bottle (4) and two arms (14) connected to the attachment device (6) by a pair of multiple use living hinges (12). The positioning member (16) bridges the two arms (14) and is rotatable between a stowed position and an operational position such that when in the operational position the positioning member (16) is arranged between the eye drop dispenser bottle (4) and the eye to be treated. The guide (2) further comprises a locking arrangement (18 20) for locking the guide (2) in the operational position.

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

(19) INDIA

(22) Date of filing of Application :06/07/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : OLEFIN POLYMERIZATION PROCESS WITH CONTINUOUS DISCHARGING

(51) International classification(31) Priority Document No(32) Priority Date	:C08F10/00,C08F2/14,C08F2/01 :13152258.3 :22/01/2013	 (71)Name of Applicant : 1)TOTAL RESEARCH & TECHNOLOGY FELUY Address of Applicant :Zone Industrielle C B 7181 Seneffe
(33) Name of priority country	:EPO	Belgium
(86) International Application N	o:PCT/EP2014/051143	(72)Name of Inventor :
Filing Date	:21/01/2014	1)FOUARGE Louis
(87) International Publication No.	:WO 2014/114645	2)HORRE Annelies
(61) Patent of Addition to	:NA	3)NAUWELAERTS Geert
Application Number	:NA	4)TANGHE Rudi
Filing Date	.NA	5)JANSSENS Johan
(62) Divisional to Application	:NA	6)BEUCKELAERS Steven
Number	:NA	7)RICHET Marc
Filing Date	.INA	8)WILDERIANE Pascal

(57) Abstract :

The present invention relates to a process for the preparation of a polyolefin in at least one slurry loop reactor provided with one or more settling legs comprising the steps of: introducing into said loop reactor one or more olefin reactants diluents polymerization catalyst and optional ingredients and while circulating said olefin reactants diluents and polymerization catalyst in said loop reactor; polymerizing said one or more olefin reactants to produce a polymer slurry comprising liquid diluent and solid olefin polyolefin particles; continuously withdrawing polyolefin slurry comprising polyolefin particles and diluent from said reactor via said one or more settling legs and transferring said withdrawn solid olefin polymer particles from said loop reactor to a recovery section; wherein each settling leg has an inlet connected to the reactor and an outlet connected to the recovery section and wherein at least one settling leg is continuously open allowing continuous withdrawal of said polyolefin slurry from said loop reactor and wherein each outlet of said one or more settling legs is connected to the recovery section by means of at least one conduit provided with a pressure control device and wherein the pressure in said loop reactor is controlled by operating said pressure control device.

No. of Pages : 32 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

 (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 	:PD2013A000020 :30/01/2013 :Italy :PCT/IB2013/060411 :26/11/2013 :WO 2014/118605 :NA :NA	 (71)Name of Applicant : 1)COPPI, Gioachino Address of Applicant :Via Alzaia 40/1, I- 41100 Modena Italy (72)Name of Inventor : 1)COPPI, Gioachino
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(54) Title of the invention : VARIABLE CURVATURE CATHETER

(57) Abstract :

A variable curvature catheter (4) with a strong capacity to maintain the desired curvature comprising a catheter body (8) which extends from a proximal end (12) to a distal end (16), provided with a side wall (20) which defines at least one cavity (24); the catheter body (8) comprises, at said distal end (16), a variable curvature section (28) which ends in a tip (32). Inside the cavity(24) at least one traction wire (36) is housed having an ascending branch (40), which extends from the proximal end (12) towards the distal end (16) so as to at least partially go through the variable curvature section (28) at least as far as a first fork (44). The traction wire (36) extends from the first fork (44) at least partially going through the variable curvature section (28), coming out of the vari able curvature section (28) and rejoining the ascending branch (40) at said first fork (44), so as to form a closed loop (48) which at least partially goes through the variable curvature section (28) closing itself on the first fork (44). The traction wire (36), after closing itself in a loop (48) on the first fork (44), extends towards the proximal end (12) along a descending branch (52). The descending branch (52) slides in relation to the ascending branch (40) inside constraint means (64, 68, 72) joined to the ascending branch (40) at said first fork (44), the constraint means (64, 68, 72) permitting the relative sliding of the descending branch (52) in relation to the ascending branch (40) and ensuring the closure of the loop (48) run through by the traction wire (36) along the variable curvature section

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

(21) Application No.5596/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : MOUNT DEVICE UTILIZING PATTERNED FEATURES FOR RACK ORIENTATION 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 	:G06K19/07,G01N35/00 :61/768350 :22/02/2013 :U.S.A. :PCT/US2014/016470 :14/02/2014 :WO 2014/130358 :NA :NA :NA :NA	 (71)Name of Applicant : 1)BECKMAN COULTER, INC. Address of Applicant :250 S. Kraemer Boulevard, Brea, California 92821 U.S.A. (72)Name of Inventor : 1)JOHNS ,Charles W. 2)BRUEGGEMANN ,Luciano 3)FRENZ ,Christian 4)MARTINEZ ,Charles
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(57) Abstract :

A first embodiment of the invention relates to systems and methods for detecting the orientation of sample carriers using two or more RFID tags. One or two dimensional matrix of equally spaced RFID reader antennas may be positioned beneath or within an area on which racks are placed. The first RFID tag defines the origin of the sample carrier and its geometry. The second and additional RFID tags define the orientations of the sample carrier relative to the matrix of the RFID reader antennas. At least two of the tag antennas on the rack align uniquely with two antennas on the reader matrix. The system energizes each reader antenna and associates the RFID tags aligned with them to the RFID reader antennas physical position. A second embodiment of the invention detects only the location of a rack while depending upon a physical control for orientation using a mount device. The mount device allows the use of multiple rack/tray sizes to accommodate various workflows or classification of samples with automation equipment.

No. of Pages : 44 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : HIGH THERMAL DIFFUSIVITY HIGH TOUGHNESS AND LOW CRACK RISK DURING HEAT TREATMENT TOOL STEEL

	n:C21D6/00,C22C38/02,C22C38/04	
(31) Priority Document No	:13382069.6	1)ROVALMA S.A.
(32) Priority Date	:01/03/2013	Address of Applicant :C/ Apol.lo 51 Pol. Ind. Can Parellada E
(33) Name of priority country	:EPO	08228 Terrassa (Barcelona) Spain
(86) International Application	DCT/ED2014/054010	(72)Name of Inventor :
No	:PCT/EP2014/054010	1)VALLS ANGL‰S Isaac
Filing Date	:28/02/2014	,
(87) International Publication No	:WO 2014/131907	
(61) Patent of Addition to	:NA	
Application Number Filing Date	:NA	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.1 12 1	

(57) Abstract :

The present invention relates to a tool steel as described in WO2012095532A1 or WO2010112319A1 and its heat treatment where high levels of thermal diffusivity mechanical resistance wear resistance and/or toughness are attained while having a low cracking risk during the heat treatment. It is achieved by austenitizing at a temperature normally above AC cooling to an intermediate temperature below AC and above the temperature where bainitic (and alike) transformation occurs and finally quenching with a severe cooling media to a temperature below the bainitic transformation nose. Final microstructure is mainly composed of martensite and/or lower bainite which will generally be afterwards tempered.

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

(22) Date of filing of Application :25/06/2015

(21) Application No.5603/DELNP/2015 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : CATALYSTS

(57) Abstract :

A catalyst comprising (i) an asymmetric complex of formula (I) wherein M is zirconium or hafnium; each X is a sigma ligand; L is a divalent bridge selected from -R2C-,-RiC-CRV,-R2Si-, -RSi-SiRV,-R2Ge-, wherein each R is independently a hydrogen atom, Cl-C20-alkyl,tri(Cl-C20-alkyl) silyl, C6-C20-aryl, C7-C20-arylalkyl or C7-C20-alkylaryl; R2 and R2 are each independently linear Ci-io hydrocarbyl; R5 and R5 are each independently hydrogen or a CI -20 hydrocarbyl group; R6 and R6 are each independently hydrogen or a CI -20 hydrocarbyl group; R7 is hydrogen or a CI -20 hydrocarbyl group or is ZR3 ; Z is O or S,preferably O;R3 is a Cl-10 hydrocarbyl group; Ar is an aryl or heteroaryl group having up to 20 carbon atoms optionally substituted by one or more groups Rs; Ar is an aryl or heteroaryl group; with the proviso that at least one of R6 or R7 is not H; and (ii) a cocatalyst comprising a compound of a group 13 metal, e.g. boron.

No. of Pages : 103 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : COMBINED SYSTEMIC AND TOPICAL TREATMENT OF DISORDERED TISSUES

 (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 	:A61K31/14,A61K31/245 :13/804002 :14/03/2013 :U.S.A. :PCT/US2014/026409 :13/03/2014 :WO 2014/160369 :NA	 (71)Name of Applicant : 1)QUADEX PHARMACEUTICALS LLC Address of Applicant :7070 Union Park Center #380 Midvale Utah 84047 U.S.A. (72)Name of Inventor : 1)JOHNSON B. Ron
(61) Patent of Addition to Application Number		
Filing Date	:NA	
(62) Divisional to Application Number		
Filing Date	:NA	

(57) Abstract :

Kits and methods for treating disordered tissue caused by a virus in a mammal involve co administration of a systemic anti virus drug and topically administering an anti infective composition. The systemic anti virus drug is internally administered and disrupts or inhibits virus replication systemically within the mammal. Examples include nucleoside analogues nucleoside analogue precursors and nucleotide analogues. The topically administered anti infective composition includes at least one anti infective agent such as an organohalide (e.g. benzalkonium chloride) and is formulated to penetrate below the disordered tissue surface and allow the anti infective agent to kill viruses at the disordered tissue site. The anti infective composition reduces the time and/or number of dosages required for the systemic anti virus drug to treat the disordered tissue in the absence of topically administering the anti infective composition. It also reduces or eliminates incidences of post treatment neuralgia

No. of Pages : 43 No. of Claims : 49

(19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : COUPLING MEMBER AND READY TO ASSEMBLE SHELVING THAT USES SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A47B47/02,A47F5/00,A47F5/10 :2013042892 :05/03/2013 :Japan :PCT/JP2014/052903 :07/02/2014	 (71)Name of Applicant : 1)KAWAJUN CO. LTD. Address of Applicant :3 15 1 Nihonbashi hamacho Chuo ku Tokyo 1030007 Japan (72)Name of Inventor : 1)SHINOZAKI Takashi
(87) International Publication No	:WO 2014/136526	
(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 pertains to a coupling member (1) having: a pair of support members (11a 11b) that join at one side end in such a manner that the other side end is open and rear surfaces face each other; and a pair of engagement holes (12a 12b) that extend from the rear surfaces in the thickness direction of the support members (11a 11b) so as to face each other. Outside surfaces (a to d) of the pair of support members (11a 11b) are tapered surfaces that gradually expand towards the bottom. The present invention further pertains to ready to assemble shelving that uses the coupling member. The present invention provides ready to assemble shelving in which L shaped angles are used that is free of protrusions on shelf members that does not require tools during assembly and can be assembled without outside help under certain conditions.

No. of Pages : 73 No. of Claims : 11

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : DISPLAY APPARATUS AND CONTROL METHOD OF MODULATING AND DEMODULATING A PLURALITY OF IMAGE SIGNALS

 (51) International classification (31) Priority Document No (32) Priority Date (32) Priority Date (33) Name of priority country (34) International Application No (35) Filing Date (37) International Publication No (38) International Publication No (39) International Publication No (37) International Publication No (38) International Publication No (39) International Publication Number (30) Patent of Addition to Application Number (31) Publication Number (32) Publication Number (33) 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)LEE Sang eun 2)KIM Bong su 3)KIM Hyun ho 4)HA Byeong woon
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(57) Abstract :

A display apparatus including a signal demodulator for receiving an integrated signal output from a device and to demodulate the integrated signal into a plurality of image signals is provided. The device including a signal receiver configured to receive the plurality of image signals an image processor configured to process the plurality of image signals and a display configured to display an image based on at least one of the processed image signals.

No. of Pages : 17 No. of Claims : 14

(21) Application No.7566/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : BIOLOGICAL INDICATOR FOR OXIDATIVE STERILANTS

 (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 	:A61L2/26,C12M1/34,A61L2/28 :13/840509 :15/03/2013 :U.S.A. :PCT/US2014/017916 :24/02/2014 o:WO 2014/149384 :NA :NA :NA	 (71)Name of Applicant : 1)AMERICAN STERILIZER COMPANY Address of Applicant :5960 Heisley Road Mentor Ohio 44060 U.S.A. (72)Name of Inventor : 1)FRANCISKOVICH Phillip P. 2)CREGGER Tricia A.
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(57) Abstract :

A sterilization indicator for oxidative sterilants comprising a first compartment comprising spores of one or more microorganism species wherein the spores have been pretreated with and comprises a compound comprising a transition metal ion that is reactive with an oxidative sterilant; a second compartment comprising a growth medium and adapted to combine contents of the first compartment with contents of the second compartment for incubation after the sterilization indicator has been exposed to an oxidative sterilant; and an agent disposed in the growth medium and selected to indicate viability of the spores after the sterilization indicator has been exposed to the oxidative sterilant.

No. of Pages : 19 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : PIPE BUNDLE RECUPERATOR ON A SINTERING FURNACE AND THERMAL TRANSFER METHOD HAVING A SINTERING FURNACE AND HAVING A PIPE BUNDLE RECUPERATOR

(51) International classification (31) Priority Document No	:F28F9/22,F27D17/00,F28D7/00 :10 2013 004 934.2	(71)Name of Applicant : 1)GKN SINTER METALS ENGINEERING GMBH
(32) Priority Date	:22/03/2013	Address of Applicant :Krebsge 10 42477 Radevormwald
(33) Name of priority country	:Germany	Germany
(86) International Application N	o:PCT/EP2014/000775	(72)Name of Inventor :
Filing Date	:21/03/2014	1)ERNST Eberhard
(87) International Publication No :WO 2014/146795		2)SCHUPP Thomas
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)ALBERT Ren
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a pipe bundle recuperator on a sintering furnace for thermal transfer between at least one first liquid a second liquid and a third liquid. The pipe bundle recuperator comprises the following: at least one first pipe bundle having a first pipe bundle entrance a first pipe and a first pipe bundle exit for guiding the first liquid and at least one second pipe bundle having a second pipe bundle entrance a second pipe and a second pipe bundle exit for guiding the second liquid an outside pipe for guiding the third liquid wherein the first pipe bundle and the second pipe bundle are arranged at least partially within the outside pipe and additionally a liquid conducting system arranged in an interior region of the outside pipe for forced guidance of the third liquid along a course which is helical at least in regions wherein the liquid conducting system has at least one first liquid conducting component. The invention further relates to a thermal transfer method having a sintering furnace and having a pipe bundle recuperator.

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

(19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : FLOW CONDITIONER IN A COMBUSTOR OF A GAS TURBINE ENGINE

(57) Abstract :

A combustor in a gas turbine comprising a liner (48) having an interior volume defining a main combustion zone; a fuel injection system for delivering fuel into the main combustion zone; a flow sleeve (42) located radially outwardly from the liner (48) and defining with the liner (48) a passageway (60) for air to flow on its way to be mixed with fuel from the fuel injection system wherein the mixture is burned in the main combustion zone to create hot combustion gases; a transition assembly (50) comprising a transition duct (22) located downstream from the liner (48) with respect to a flow direction of the hot combustion gases out of the combustor toward a turbine section of the engine the flow direction of the hot combustion gases defining an axial direction. The combustor further comprises a flow conditioner (40) affixed to at least one of the liner (48) and the transition assembly (50) and extending to within close proximity of the flow sleeve (42) but not coupled to the flow sleeve (42) the flow conditioner (40) comprising at least one panel (72) having a configuration such that air is able to pass through the at least one panel (72) on its way to the passage way (60) wherein at least one panel (72). Several panels (72) are removably secured to a frame (70) such that the panels (72) can be replaced without detaching the frame (70) from a transition ring (54). The panels (72) have a desired air permeability realised with holes such that the air flow through each panel (72) can be controlled. The combustor further comprises perforated resonator boxes (80) extending radially outwardly from the liner (48) into the passageway (60).

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

(19) INDIA

(22) Date of filing of Application :25/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR MAKING METHYL METHACRYLATE FROM PROPIONALDEHYDE AND FORMALDEHYDE VIA OXIDATIVE ESTERIFICATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:C07C67/39,C07C45/50,C07C45/75 :61/755260 :22/01/2013 7:U.S.A. :PCT/US2014/012333 :21/01/2014	 (71)Name of Applicant : 1)SAUDI BASIC INDUSTRIES COPORATION Address of Applicant :P.O. Box 5101, Riyadh, 11422 Saudi Arabia (72)Name of Inventor : 1)ALLMAN ,James Malcolm 2)KAUFFMAN, James;
Filing Date (87) International Publication No		
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	¹ :NA :NA	

(57) Abstract :

A process for forming methyl methacrylate can comprise: reacting ethylene, carbon monoxide, and hydrogen, in the presence of a first catalyst comprising a metal carbonyl; removing a first reaction product comprising propionaldehyde; reacting the first reaction product with formaldehyde; removing a second reaction product comprising methacrolein; reacting the second reaction product with oxygen and methanol in the presence of a second catalyst to form a third reaction product comprising methyl methacrylate. Another process for forming methyl methacrylate can comprising: reacting ethylene with carbon monoxide to form propionaldehyde; reacting the propionaldehyde with formal dehyde to form methacrolein; and reacting the methacrolein with methanol and oxygen to form the methyl methacrylate.

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

(12) PATENT APPLICATION PUBLICATION		(21) Application No.5607/DELNP/2015 A	
(19) INDIA			
(22) Date of filing of Application :25/06/2015		(43) Publication Date : 22/01/2016	
(54) Title of the invention : SHAVER			
 (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 	:B26B21/22 :NA :NA :NA :PCT/EP2012/076802 :21/12/2012 :WO 2014/094907 :NA :NA :NA :NA	 (71)Name of Applicant : 1)BIC- VIOLEX SA Address of Applicant : Agiou Athanasiou, GR -145 69 Anixi ,Attiki Greece (72)Name of Inventor : 1)GIANNOPOULOS, Panagiotis 2)ZAFIROPOULOS, Panagiotis 3)BOZIKIS Ioannis 	

(57) Abstract :

A shaver comprising a handle with an elongated handgrip portion and a mounting portion, a shaver head attached to the mounting portion, the shaver head having a back structure. A removable cartridge is attached to the shaver head through an elastic member provided on the back structure of the shaver head.

No. of Pages : 24 No. of Claims : 20

(21) Application No.5608/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :25/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : CALCINATION PROCESS FOR PRODUCING AN IMPROVED ETHYLENE OXIDE CATALYST

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B01J37/08,B01J23/50 :61/747519 :31/12/2012 :U.S.A. :PCT/US2013/077740 :26/12/2013	 (71)Name of Applicant : 1)SCIENTIFIC DESIGN COMPANY, INC. Address of Applicant :49 Industrial Avenue, Little Ferry ,New Jersey 07643 U.S.A. (72)Name of Inventor : 1)PAK ,Serguei
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2014/105924 :NA :NA :NA :NA	

(57) Abstract :

A method for producing a catalyst effective in the oxidative conversion of ethylene to ethylene oxide, the method comprising subjecting a refractory carrier impregnated with a liquid silver-containing solution to a calcination process, wherein the calcination process comprises a solvent removal step in which the silver-impregnated carrier is heated to a base temperature (T) of at least 80°C and up to about 200°C to produce a dry carrier impregnated with ionic silver, followed by a silver reduction step in which the dry carrier is gradually heated above the base temperature to a maximum temperature (Tmax) of at least 350°C and up to about 500°C and then gradually cooled to the base temperature, wherein the method is conducted such that (Tbase - Tmax) x HW is at least 2000 min.°C wherein HW is a full width at half maximum of a temperature versus time curve delineated by the silver reduction step.

No. of Pages : 33 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :25/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : START -UP PROCESS FOR HIGH SELECTIVITY ETHYLENE OXIDE CATALYSTS

 (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 	:NA :NA	 (71)Name of Applicant : 1)SCIENTIFIC DESIGN COMPANY, INC. Address of Applicant :49 Industrial Avenue, Little Ferry, New Jersey 07643 U.S.A. (72)Name of Inventor : 1)PAK, Serguei
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(57) Abstract :

A high selectivity catalyst start-up process is provided in which an excess level of chloride moderator (greater than 1ppm) is present in the feed gas composition during each of the various stages of the start-up process. The excess level of chloride used in the start-up process maintains a low level of selectivity (less than 86 %) during the entire start-up process. Despite the low selectivity values achieved during the start-up process of the present disclosure, high selectivity catalysts that are conditioned by such a start-up process exhibit improved catalyst performance during the normal operation of the catalyst.

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

(19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : ROBUST ELASTOMERIC LAMINATES (51) International classification :B32B7/12,B32B5/02,B32B25/00 (71)Name of Applicant : (31) Priority Document No :61/775954 1) CLOPAY PLASTIC PRODUCTS COMPANY INC. (32) Priority Date :11/03/2013 Address of Applicant :8585 Duke Boulevard Mason OH (33) Name of priority country 45040 U.S.A. :U.S.A. (86) International Application (72)Name of Inventor: :PCT/US2014/022915 1)MUSLET Lyad No :11/03/2014 Filing Date 2)AUTRAN Jean Philippe Marie (87) International Publication **3)NETON Janet** :WO 2014/164583 No 4)BLAND David G. (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

A thin elastomeric laminate 26 can be made by bonding two bilaminate precursors 24 and 25. The bilaminate precursors 24 25 are made from a thin elastomeric film 20 laminated to a thin nonwoven fabric 13. Two layers of bilaminate precursor 24 25 are then bonded such that the free film faces of both precursors are facing one another. The resulting laminates 26 exhibit good robustness and resist the formation of activation pinholes.

No. of Pages : 53 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :26/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR PRODUCING OLEFIN			
 (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 	:C07C1/24,B01J21/08,B01J23/30 :2012282969 :26/12/2012 :Japan :PCT/JP2013/084164 :19/12/2013 :WO 2014/103898 :NA :NA :NA	 (71)Name of Applicant : 1)KAO CORPORATION Address of Applicant :14- 10, Nihonbashi Kayabacho 1- chome, Chuo- ku ,Tokyo 1038210 Japan (72)Name of Inventor : 1)TAKADA Shingo 	

(57) Abstract :

A method for producing an olefin by a dehydration reaction of an alcohol having 8 to 22 carbon atoms inclusive in the presence of a solid acid catalyst, wherein the solid acid catalyst is produced by supporting an oxide of an element having a higher electronegativity than that of aluminum on aluminum oxide.

No. of Pages : 32 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :26/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : ADAPTERS FOR CONSUMABLE PRODUCT PACKAGES AND METHODS FOR USING SAME

(51) International classification (31) Priority Document No	:B65D47/12,B65D47/20,B65D41/16 :61/909368	 (71)Name of Applicant : 1)NESTEC S.A. Address of Applicant : Avenue Nestle 55, CH-1800 Vevey
(32) Priority Date	:26/11/2013	Switzerland
(33) Name of priority country	/:U.S.A.	(72)Name of Inventor :
 (86) International Application No Filing Date (87) International Publication No 	:PCT/IB2014/066245 :21/11/2014 :WO 2015/079371	1)DZIKOWICZ, Anthony Edward 2)RODGERS Matthew Blake 3)WOLF ,John Joseph 4)GENAW JR. ,Joel Dean
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

Functional adapters (26) for consumable product packages and methods of using same are provided. Functional features of the adapters may include, for example, spill-resistance, flow-control, ease of use, etc. In a general embodiment, the adapters include a valve (36) comprising an outlet (36a) and a cap(28) that is so constructed and arranged to seal the valve. The valve is so constructed and arranged to provide a functional feature and to attach to a package fitment(24). In another embodiment, packages are provided that include two-component adapters configured to provide specific functional features to the packages.

No. of Pages : 42 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : TRANSPARENT AND TOUGH RUBBER COMPOSITION AND PROCESS FOR PRODUCING SAME

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C08L9/00,C08K5/14,C08L21/00 :2013040121 :28/02/2013 :Japan	 (71)Name of Applicant : 1)KRATON POLYMERS U.S. LLC Address of Applicant :16400 Park Row Houston Texas 77084 U.S.A.
 (86) International Application No Filing Date (87) International Publication No 	:PCT/JP2014/051659 :27/01/2014 :WO 2014/132718	(72)Name of Inventor :1)NAITO Fumio2)NAKAZAWA Yoshikatsu
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

To provide a rubber composition which combines high transparency with excellent toughness. [Solution] A composition which comprises a low cis content isoprene rubber component and a rubber polymer component selected from the group consisting of butadiene rubber 1 2 polybutadiene rubber styrene/butadiene rubbers acrylonitrile/butadiene rubbers hydrogenated nitrile rubbers urethane rubbers ethylene/propylene rubbers ethylene/propylene/diene rubbers chloroprene rubber and natural rubber the amount of the low cis content isoprene rubber component being 45 95 parts by mass when the total mass of the low cis content isoprene rubber polymer component is taken as 100 parts by mass the composition containing substantially no silica.

No. of Pages : 32 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

(34) The of the invention. OF ITCAL MATERIAL AND USE 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 	:G02B1/04,C09K11/06,G02C7/02 :2013036694 :27/02/2013 :Japan :PCT/JP2014/054970 :27/02/2014 :WO 2014/133110 :NA :NA :NA	 (71)Name of Applicant : MITSUI CHEMICALS INC. Address of Applicant :5 2 Higashi Shimbashi 1 chome Minato ku Tokyo 1057117 Japan (72)Name of Inventor : KOJIMA Kouya TANAKA Mamoru 3)OGAWA Tatsuya 	

(54) Title of the invention : OPTICAL MATERIAL AND USE THEREOF

(57) Abstract :

An optical material according to the present invention includes an ultraviolet ray absorbing agent and a fluorescent substance the fluorescent substance having an excitation wavelength from 220 nm to 500 nm a fluorescence wavelength from 380 nm to 650 nm a maximum excitation wavelength from 350 nm to 400 nm and a maximum fluorescence wavelength from 400 nm to 500 nm. The measured optical transmittance of the optical material at a thickness of 2 mm satisfies the following properties (1) through (3): (1) optical transmittance of 80% or higher for 440 nm wavelength (2) optical transmittance of 70% or lower for 420 nm wavelength (3) optical transmittance of 5% or lower for 410 nm wavelength.

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

(19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD OF CONSTRUCTING CYLINDRICAL SHELL GRID STRUCTURE WITH ULTRA LARGE SPAN

 (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 	:E04G21/14,E04B1/342 :201310039064.8 :01/02/2013 :China :PCT/CN2013/079108 :10/07/2013 :WO 2014/117480 :NA :NA	 (71)Name of Applicant : 1)XUZHOU ZM BESTA HEAVY STEEL STRUCTURE CO. LTD. Address of Applicant :No.9 Jingguan Road Economic Development Zone Xuzhou Jiangsu 221004 China (72)Name of Inventor : 1)ZHU Leihong 2)NIU Shangzhou 3)LIU Yu 4)ZHU Xinying
(62) Divisional to Application Number Filing Date	:NA :NA	5)LIU Jie

(57) Abstract :

Disclosed is a method of constructing a cylindrical shell grid structure with an ultra large span involving firstly completing the installation of a gable grid structure at one end of the cylindrical shell structure then taking the gable grid structure as a stable starting unit for the installation of the whole cylindrical shell grid structure i.e. using the stable starting unit that has already been installed i.e. the gable grid structure to bear the construction load and starting from the gable in the longitudinal direction of the cylindrical shell structure using an altitude spread roof member method to accomplish the subsequent installation of the cylindrical shell grid structure. The method of constructing a cylindrical shell grid structure with an ultra large span has high construction efficiency and the advantages of safety low construction outlay and high quality.

No. of Pages : 21 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :06/07/2015

(71)Name of Applicant : :C11D3/37. (51) International classification **1)THE PROCTER & GAMBLE COMPANY** C11D3/386 (31) Priority Document No Address of Applicant : One Procter & Gamble Plaza, :61/010,109 (32) Priority Date Cincinnati, Ohio 45202, United States of America U.S.A. :04/01/2008 (33) Name of priority country (72)Name of Inventor: :U.S.A. (86) International Application No **1)BOUTIOUE, Jean-Pol** :PCT/IB2008/055468 Filing Date :19/12/2008 2)VANWYNGAERDEN, Nathalie, Jean Marie-Louise (87) International Publication No : NA 3)VANDENBERGHE, Frederik (61) Patent of Addition to Application 4)SOUTER, Philip, Frank :NA Number 5)LANT, Neil, Joseph :NA Filing Date 6)SADLOWSKI, Eugene, Steven (62) Divisional to Application Number :4614/DELNP/2010 7)WENNING, Genevieve, Cagalawan Filed on :25/06/2010

(54) Title of the invention : A LAUNDRY DETERGENT COMPOSITION COMPRISING GLYCOSYL HYDROLASE •

(57) Abstract :

The present invention relates to a laundry detergent composition comprising glycosyl hydrolase. The compositions of the present invention also comprises a polymer that, when used in combination with the glycosyl hydrolase, enables compaction of the surfactant system to be achieved without loss in fabric cleaning performance. Preferably, the composition of the present invention comprises a combination of two polymers, a glycosyl hydrolase and detersive surfactant, preferably low levels of detersive surfactant. Most preferably, the laundry detergent composition of the present invention comprise: (i) a glycosyl hydrolase having enzymatic activity towards both xyloglucan and amorphous cellulose substrates, wherein the glycosyl hydrolase is selected from GH families 5, 12, 44 or 74; (ii) detersive surfactant; (iii) amphiphilic alkoxylated grease cleaning polymer; (iv) a random graft co-polymer comprising: (a) hydrophilic backbone comprising monomers selected from the group consisting of: unsaturated C1-C6 carboxylic acids, ethers, alcohols, aldehydes, ketones, esters, sugar units, alkoxy units, maleic anhydride, saturated polyalcohols such as glycerol, and mixtures thereof; and (b) hydrophobic side chain(s) selected from the group consisting of: C4-C25 alkyl group, polypropylene, polybutylene, vinyl ester of a saturated C1-C6 mono-carboxylic acid, C1-C6 alkyl ester of acrylic or methacrylic acid, and mixtures thereof; and (v) a compound having the following general structure: bis((C2H5O)(C2H4O)n)(CH3)-N+-CxH2x-N+-(CH3)- bis((C2H5O)(C2H4O)n), wherein n = from 20 to 30, and x = from 3 to 8, or sulphated or sulphonated variants thereof. Most preferably the composition is in the form of a liquid.

No. of Pages : 27 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : PROCESS FOR PRODUCING A COMPLEX OF A LANTHANIDE WITH A MACROCYCLIC LIGAND

(31) Priority Document No:13(32) Priority Date:04(33) Name of priority country:El(86) International Application No:PCFiling Date:03	3162339.9 4/04/2013 PO CT/EP2014/056670 3/04/2014 7O 2014/161925 A A	 (71)Name of Applicant : 1)AGFA HEALTHCARE Address of Applicant :IP Department 3802 Septestraat 27 B Mortsel 2640 Belgium (72)Name of Inventor : 1)BUFFEL Diederik 2)LEBLANS Paul 3)VENNEMAN Jan
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(57) Abstract :

A process for producing a complex of a lanthanide or similar compound with a macrocyclic ligand wherein the ratio of macrocyclic ligand in free form in relation to the lanthanide or similar compound is equal or more than 0.002% mol/mol comprising the following steps: a) measuring the moisture content in a sample of the macrocyclic ligand; and b) mixing an amount G of the lanthanide with an amount X3 of the macrocyclic ligand with the proviso that X3 = LG+Lf + M wherein LG is the amount of macrocyclic ligand mecessary for complexing the amount G of lanthanide or similar compound; Lf is an excess amount of the macrocyclic ligand; and M is the amount of moisture present in the amount X3 of the macrocyclic ligand.

No. of Pages : 27 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : PROCESS TO CONCENTRATE MANGANESE ORES VIA REVERSE CATIONIC FLOTATION OF SILICATES

 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:03/02/2014	 (71)Name of Applicant : 1)VALE S.A. Address of Applicant :Av. Gra§a Aranha 26 Centro CEP 20030 000 Rio de Janeiro RJ Brazil (72)Name of Inventor : 1)LEAL FILHO Laurindo de Salles 2)SOUZA Helder Silva 3)BRAGA Andr Soares
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to a process for concentrating manganese from the tailing of a manganese carrying mineral characterized by comprising the stages of removing coarse particle size fraction from the tailing desliming and conducting an acid or a basic reverse cationic flotation. The manganese carrying minerals of the present invention are usually minerals with low manganese content being preferred derived from the lithologies Tabular Pelite (or PETB) Pelite Siltite (or PEST) Detritic (or DETR) Rich Pelite (or PERC) and Metallurgical Bioxide (or BXME). The present invention also relates to a reverse cationic flotation used to concentrate manganese which is carried out using depressors agents and collectors agents as flotation reagents.

No. of Pages : 41 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : NOVEL INHIBITOR COMPOUNDS OF PHOSPHODIESTERASE TYPE 10A

classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International	95/04,A61K31/5025,A61P25/00 141 2013 P2014/054810	 (71)Name of Applicant : 1)ABBVIE DEUTSCHLAND GMBH & CO. KG Address of Applicant :Mainzer Strae 81 65189 Wiesbaden Germany 2)ABBVIE INC. (72)Name of Inventor : 1)JANTOS Katja 2)OCHSE Michael 3)GENESTE Herv 4)FROGGETT Jayne 5)JAKOB Clarissa 6)DRESCHER Karla 7)DINGES J¼rgen
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(57) Abstract :

The present invention relates to compounds of the formula I the N oxides tautomers the prodrugs and the pharmaceutically acceptable salts thereof: (I). In formula I the variables X is CH or N X is O or S and where R R R R and Q are as defined in the claims. The compounds of the formula I the N oxides tautomers the prodrugs and the pharmaceutically acceptable salts thereof are inhibitors of phosphodiesterase type 10A. Thus the invention also relates to the use of the compounds of the formula I the N oxides tautomers the prodrugs and the pharmaceutically acceptable salts thereof are inhibitors of treating or controlling of medical disorders selected from neurological disorders and psychiatric disorders for ameliorating the symptoms associated with such disorders and for reducing the risk of such disorders.

No. of Pages : 130 No. of Claims : 37

(19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : FLOWCELL SYSTEMS AND METHODS FOR PARTICLE ANALYSIS IN BLOOD SAMPLES

 (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 	:G01N15/14,G01N15/00 :61/799152 :15/03/2013 :U.S.A. :PCT/US2014/030902 :17/03/2014 :WO 2014/146030 :NA :NA :NA :NA	 (71)Name of Applicant : 1)IRIS INTERNATIONAL INC. Address of Applicant :9172 Eton Avenue Chatsworth CA 91311 U.S.A. (72)Name of Inventor : 1)FARRELL Gregory A. 2)WANDERS Bart J. 3)ADAMS Thomas H. 4)GRONER Warren 5)ZHAO Xiaodong
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(57) Abstract :

The present disclosure relates to apparatus systems compositions and methods for analyzing a sample containing particles. In some aspects the system comprises an analyzer which may be a visual analyzer. In one aspect this disclosure relates to a particle imaging system comprising a flowcell through which a sample containing particles is caused to flow and a high optical resolution imaging device which captures images for image analysis of samples. Other compositions methods and features of this disclosure are disclosed herein.

No. of Pages : 91 No. of Claims : 24

(21) Application No.7592/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : AUTOFOCUS SYSTEMS AND METHODS FOR PARTICLE ANALYSIS IN BLOOD SAMPLES

 (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 	:G01N15/14,G01N21/05 :61/799152 :15/03/2013 :U.S.A. :PCT/US2014/030928 :17/03/2014 :WO 2014/146051 :NA :NA :NA :NA	 (71)Name of Applicant : 1)IRIS INTERNATIONAL INC. Address of Applicant :9172 Eton Avenue Chatsworth California 91311 U.S.A. (72)Name of Inventor : 1)WANDERS Bart J. 2)JORDAN Brett 3)FARRELL Gregory A. 4)ADAMS Thomas H. 5)GRONER Warren
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(57) Abstract :

Particles such as blood cells can be categorized and counted by a digital image processor. A digital microscope camera can be directed into a flowcell defining a symmetrically narrowing flowpath in which the sample stream flows in a ribbon flattened by flow and viscosity parameters between layers of sheath fluid. A contrast pattern for autofocusing is provided on the flowcell for example at an edge of a rear illumination opening. The image processor assesses focus accuracy from pixel data contrast. A positioning motor moves the microscope and/or flowcell along the optical axis for autofocusing on the contrast pattern target. The processor then displaces microscope and flowcell by a known distance between the contrast pattern and the sample stream thus focusing on the sample stream. Blood cell images are collected from that position until autofocus is reinitiated periodically by input signal or when detecting temperature changes or focus inaccuracy in the image data.

No. of Pages : 120 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :25/08/2015

(54) Title of the invention : COUMARIN DERIVATIVES AND METHODS OF USE IN TREATING CYSTIC FIBROSIS CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND MISFOLDED PROTEIN DISORDERS

	 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 	51/788353 15/03/2013 U.S.A. PCT/US2014/027079 14/03/2014 WO 2014/152213	 (71)Name of Applicant : 1)DISCOVERYBIOMED INC. Address of Applicant :400 Riverhills Business Park Suite 435 Birmingham Alabama 35242 U.S.A. (72)Name of Inventor : 1)SCHWIEBERT Erik 2)STREIFF John 3)DIXON John 4)GAO Hongwu
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(57) Abstract :

Novel CFTR corrector compounds that are effective in rescuing halide efflux delF508 CFTR protein processing and apical functional chloride ion transport in a cell are provided. Also provided are methods for treating protein folding disorders (e.g. cystic fibrosis and chronic obstructive pulmonary diseases). The methods include administering a CFTR corrector compound or pharmaceutically acceptable salt or prodrug thereof. Methods of rescuing halide efflux in a cell correcting a processing defect of a delF508 CFTR protein in a cell and correcting functional delF508 CFTR chloride channels in a cell are also provided.

No. of Pages : 86 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :26/06/2015

(43) Publication Date : 22/01/2016

(51) International classification :H04W24/04 (71)Name of Applicant : **1)ZTE CORPORATION** (31) Priority Document No :201210491007.9 (32) Priority Date Address of Applicant :ZTE Plaza Keji Road SouthHi Tech :27/11/2012 (33) Name of priority country Industrial Park Nanshan District Shenzhen Guangdong 518057 :China (86) International Application No :PCT/CN2013/084016 China Filing Date :23/09/2013 (72)Name of Inventor: (87) International Publication No :WO 2014/082486 1)LIU Yazhou (61) Patent of Addition to Application 2)LI Guangwei :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : METHOD AND DEVICE FOR IMPLEMENTING MICROWAVE DEVICE TRUSTEESHIP

(57) Abstract :

Disclosed are a method and device for implementing a microwave device trusteeship. The method of the present invention comprises: configuring a plurality of all-outdoor units (AOUs) into a trusteeship mode; respectively connecting a plurality of AOUs already configured into a trusteeship mode t a port of a service unit of an IP device; by accessing the IP device by the AOUs configured into a trusteeship mode, configuring the connected AOUs at the port corresponding t the service unit of the IP device, and generating virtual slot numbers of the connected AOUs; and the IP device selecting at least two AOUs fixim the plurality of AOUs already configured into a trusteeship mode to form a protection group, and setting a transmission unit number for each selected corresponding AOU, so as to virtually set each of the selected AOUs as a transmission unit of the IP device. The present invention enables a user to achieve the management of protection configuration, XPIC configuration, PLA configuration and other configurations, thereby achieving the unified management and quick configuration of all-outdoor devices, and facilitating the cooperative usage of the devices.

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

(19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (33) Name of priority country (34) Name of priority country (35) Name of priority country (36) International Application No (37) PCT/US2014/013105 (37) PCT/US2014/013105 (38) Filing Date (39) Patent of Application Number (30) Patent of Application Number (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) PCT/US2014/013105 (35) PCT/US2014/013105 (36) International Publication No (37) PCT/US2014/013105 (37) PCT/US2014/013105 (37) PCT/US2014/013105 (37) PCT/US2014/013105 (37) PELLNY Paul Michael 	(54) Title of the invention : REMOVAL OF URANIUM FROM WATER			
	 (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 	:B01J41/04,C02F1/42 :61/764189 :13/02/2013 :U.S.A. :PCT/US2014/013105 :27/01/2014 :WO 2014/126699 :NA :NA	 (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)REZKALLAH Areski 2)FERRARO Jean Francois 	

(57) Abstract :

A method for removing uranium from an uranium containing aqueous solution having a salinity of at least 0.5 ppt comprise the step of passing the solution through a bed of anion exchange resin impregnated with polyphenol.

No. of Pages : 6 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : ETHYLENE BASED POLYMER COMPOSITIONS WITH IMPROVED PROCESSIBILITY

 (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 	:C08L23/06,C08L23/08 :61/764830 :14/02/2013 :U.S.A. :PCT/US2014/015517 :10/02/2014 :WO 2014/126839 :NA :NA :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)WHITED Stephanie M. 2)TAMBLING Troy M. 3)KAPUR Mridula 4)PATTERSON Sarah E. 5)CHANG Dane 6)MICHIE William J.
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(57) Abstract :

The invention provides a composition comprising the following components: A) a first composition wherein the first composition comprises a first ethylene based polymer and a second ethylene based polymer and wherein the ratio of the high load melt index (I21) of the first composition to the high load melt index (I21) of the first ethylene based polymer is greater than or equal to 40 and B) one or more azide compounds present in an amount greater than or equal to 50 ppm based on the weight of the first composition.

No. of Pages : 35 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : ZONE BASED HEATING VENTILATION AND AIR CONDITIONING (HVAC) CONTROL USING EXTENSIVE TEMPERATURE MONITORING

(32) Priority Date:19/06/2013A(33) Name of priority country:U.S.A.Prince(86) International Application No Filing Date:PCT/US2014/040800(72)N:04/06/2014:04/06/2014I)H	 1)Name of Applicant : 1)NEC LABORATORIES AMERICA INC. Address of Applicant :4 Independence Way Suite 200 inceton New Jersey 08540 U.S.A. 2)Name of Inventor : 1)PATIL Rakesh 2)SHARMA Ratnesh
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(57) Abstract :

System and methods for controlling an air conditioning (AC) system includes defining one or more zones to achieve control actions based on local conditions to create a localized dynamic system for localized control wherein zones are defined by considering hot and cool areas of the room or location of heat generating equipment wherein the zone definition changes dynamically based on time of day or based on occupancy or wherein zones are defined in a customizable manner based on sensitivity analysis considering energy savings and comfort tradeoff or considering equipment with predetermined temperature restrictions; monitoring through sensor placement at predetermined locations in the room based on existing operating conditions; and applying temperature information at the predetermined locations to generate rules for the actuation of AC systems.

No. of Pages : 32 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :26/06/2015

(54) Title of the invention · HEAT- RESISTANT FABRIC

(43) Publication Date : 22/01/2016

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:D03D15/00,D01F6/80,D01F6/90 :2012287423 :28/12/2012 :Japan :PCT/JP2013/085353 :27/12/2013	 (71)Name of Applicant : 1)TEIJIN LIMITED Address of Applicant :6- 7, Minamihommachi 1- chome, Chuo- ku, Osaka- shi ,Osaka 5410054 Japan (72)Name of Inventor : 1)SHIMADA, Hiroki 2)IZAWA Hajime
(87) International Publication No	:WO 2014/104411	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided is a heat-resistant fabric that comprises meta-type whollv aromanc polvamide fibers and that is characterized in that: abrasion resistance measured using the JIS L1096 8. 19. 1 A-1 method (universal type method (flat surface method), abrasion testing machine pressing load of 4.45 N (0.454 kf), #600 paper) is 200 times or more; tear resistance measured using the JISL1096 8. 17.4 D method (pendulum method) is 20 N or more; and, after laundering 100 times in accordance with JIS L0844 A-1, the retention rate of the abrasion resistance is 90% or higher and the retention rate of the tear resistance is 90% or higher compared to before laundering. By configuring in this manner, a heat-resistant fabric is provided that can be dyed without requiring a reduction in the selection range of colors used for dyeing and that is capable of maintaining good mechanical properties over time even when used and washed repeatedly.

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

(19) INDIA

(22) Date of filing of Application :26/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : OIL -BASED PESTICIDAL SUSPENSION

 (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 	:A01N43/40,A01N25/04,A01P7/00 :2012267685 :06/12/2012 :Japan :PCT/JP2013/083276 :05/12/2013 :WO 2014/088121	 (71)Name of Applicant : 1)ISHIHARA SANGYO KAISHA, LTD. Address of Applicant :3- 15 Edobori 1 chome Nishi ku Osaka shi Osaka 5500002 Japan (72)Name of Inventor : 1)SANO Mitsuo 2)OKADA Takashi 3)OKUMURA Yasuhiro 4)IWASA Mitsugu 5)KOBAYASHI Yusuke
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

To provide an oil-based pesticidal suspension which suppresses foaming at the time of preparation of a spray liquid by an organic silicone type surfactant, and which has excellent pesticidal activity with a small amount of an agricultural chemical. The present invention provides an oil-based pesticidal suspension comprising (1) flonicamid or its salt, (2) an organic silicone type surfactant and (3) at least one oil-based diluting agent selected from the group consisting of a vegetable oil and its alkylated oil, and a method for controlling pests, which comprises applying the oil-based pesticidal suspension to the pests or to a place where they grow.

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

(19) INDIA

(22) Date of filing of Application :26/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND APPARATUS FOR DRYING HIDES DURING THE FINISHING PROCESS :C14B1/58,C14C11/00 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)OFFICINE DI CARTIGLIANO S.P.A. :VI2012A000338 (32) Priority Date Address of Applicant : Via San Giuseppe 2, 1-36050 :19/12/2012 (33) Name of priority country :Italy Cartigliano (VI) Italy (86) International Application No :PCT/IB2012/057798 (72)Name of Inventor: 1)POLATO, Antonio Filing Date :28/12/2012 (87) International Publication No :WO 2014/096910 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A method of drying hides (P) during the finishing process. The finishing process comprises at least one first step a) of depositing a first layer (S) of liquid coating or finishing mixture on the hides (P), possibly followed by a second step c) of depositing a second layer of a fixing agent (S) on the first layer (S). Drying comprises a first step b) of irradiating the first finishing layer(S) with an alternating electromagnetic field whose frequency is within the RF range, for substantially complete drying of the first layer (S), followed by a second step d) of irradiating the second layer of fixing agent (S) deposited in said second deposition step (c). An apparatus for drying hides (P) during the finishing process, which is designed to be located in a leather finishing plant (R) comprises a shielding tunnel (2), having therein a moving transfer surface (5) for feeding the hides in a predetermined direction (V) and an electromagnetic wave irradiator (8) for irradiating waves in the RF range, which is directed toward the surface of the hides (P) coated with the layers (S, S).

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

(19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

(51) International classification	:G06F21/55,G06F11/30	(71)Name of Applicant :
(31) Priority Document No	:13/784720	1)CROWDSTRIKE INC.
(32) Priority Date	:04/03/2013	Address of Applicant :15440 Laguna Canyon Road Ste 250
(33) Name of priority country	:U.S.A.	Irvine California 92618 U.S.A.
(86) International Application No	:PCT/US2014/017950	(72)Name of Inventor :
Filing Date	:24/02/2014	1)MEYERS Adam S.
(87) International Publication No	:WO 2014/137640	2)ALPEROVITCH Dmitri
(61) Patent of Addition to Application	:NA	3)KURTZ George Robert
Number	:NA :NA	4)DIEHL David F.
Filing Date	.INA	5)KRASSER Sven
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : DECEPTION BASED RESPONSES TO SECURITY ATTACKS

(57) Abstract :

Deception based techniques for responding to security attacks are described herein. The techniques include transitioning a security attack to a monitored computing device posing as a computing device impacted by the security attack and enabling the adversary to obtain deceptive information from the monitored computing device. Also the adversary may obtain a document configured to report identifying information of an entity opening the document thereby identifying the adversary associated with the attack. Further the techniques include determining that a domain specified in a domain name request is associated with malicious activity and responding to the request with a network address of a monitored computing device to cause the requesting process to communicate with the monitored computing device in place of an adversary server. Additionally a service may monitor dormant domains names associated with malicious activity and in response to a change respond with an alert or a configuration update.

No. of Pages : 46 No. of Claims : 42

(19) INDIA

(22) Date of filing of Application :18/12/2013

(43) Publication Date : 22/01/2016

(54) Title of the invention : LOCKING DEVICE FOR A FUEL TANK OF A VEHICLE WITH AN AUTO-RETURN SHUTTER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:H04N :NA :NA :NA :NA	 (71)Name of Applicant : 1)MINDA CORPORATION LIMITED Address of Applicant :D 6-11, Sector 59, Noida, Uttar Pradesh, India Uttar Pradesh India (72)Name of Inventor :
Filing Date	:NA	1)DEEPAK GOSWAMI
(87) International Publication No	: NA	2)DIWAKAR VARSHNEY
(61) Patent of Addition to Application Number	:NA	3)SUMEET VERMA
Filing Date	:NA	4)VIKRAM PURI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention related to a locking device for a fuel tank of a vehicle. The locking device comprises a shutter plate having autoreturn mechanism, mounting sub-assembly mounted on base. The mounting sub-assembly comprises a mounting base, plurality of resilience means, primary and secondary locking means and a rotor. The shutter plate is slidably mounted on the mounting subassembly with the help of a main resilience means to cover the key-insertion slot provided in the rotor. The primary and secondary locking means are movably mounted in slots provided on the mounting base at predetermined locations so as to lock the shutter plate at predetermined locations. The rotor is provided with one or more extruded portions. The said extruded portion pushes the locking means so as to facilitates proper locking engagement between shutter plate and the locking means.

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

(22) Date of filing of Application :26/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : EDIBLE FOAMABLE COMPOSITIONS COMPRISING CALCIUM CARBONATE

(31) Priority Document No:61/73(32) Priority Date:19/12(33) Name of priority country:U.S.A(86) International Application No:PCT/Filing Date:18/12	L1/00 39219 2/2012 A. //US2013/076066 2/2013 2014/100146 (71)Name of Applicant : 1)RICH PRODUCTS CORPORATION Address of Applicant :One Robert Rich Way, Buffalo ,New York 14213 U.S.A. (72)Name of Inventor : 1)PIATKO, Michael P. 2)FALKOV ,Dmitry 3)ILYIN ,Ilya 4)KOBLENTS ,Pavel 5)CAMPBELL ,Shawn 6)TOERNE ,Mary 7)BINKS ,Bernard P. 8)MASHINCHI ,Saeed
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(57) Abstract :

An edible foamable composition that is whippable and is stable in temperature above freezing. The composition ineludes fat, emulsifier, water, and calcium carbonate particles. The composition can further including one or more additives selected from the group consisting of preservatives, protein, salt, flavoring, coloring agent, sweetener, stabilizer and thickener.

No. of Pages : 36 No. of Claims : 46

(19) INDIA

(22) Date of filing of Application :26/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : MOUNTING STRUCTURE FOR FUEL 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 	:PCT/JP2015/057537 :13/03/2015 :WO 2015/151767	 (71)Name of Applicant : 1)SUZUKI MOTOR CORPORATION Address of Applicant :300, Takatsuka -cho, Minami- ku ,Hamamatsu -shi ,Shizuoka-Ken 4328611 Japan (72)Name of Inventor : 1)KOSUGI Yutaro
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided is a mounting structure for a fuel pump (14) driven by the pump drive cam (12c) of an intake camshaft (12) rotatably supported by a cylinder head (11). The mounting structure is provided with a fuel pump mounting bracket (15) for mounting the fuel pump (14) on the cylinder head (11). The fuel pump mounting bracket (15) has: a first sidewall section (51) extending in the direction of the axis of the intake camshaft (12); a second sidewall section (52) extending in the direction intersecting the camshaft; a connection wall section (53) for connecting the first sidewall section (51) and the second sidewall section (52); and a fuel pump mounting boss section (54) for mounting the fuel pump (14) thereon. The fuel pump mounting boss section (54) is supported by the first sidewall section (52) and the connection wall section (53).

No. of Pages : 34 No. of Claims : 7

(22) Date of filing of Application :26/06/2015

(54) Title of the invention : VEHICLE LOCK

(43) Publication Date : 22/01/2016

(51) International classification	:E05B85/26	(71)Name of Applicant :
(31) Priority Document No	:10 2012 023 261.6	1)KIEKERT AKTIENGESELLSCHAFT
(32) Priority Date	:29/11/2012	Address of Applicant :Hseler Platz 2, 42579 Heiligenhaus
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/DE2013/000705	(72)Name of Inventor :
Filing Date	:23/11/2013	1)SCHIFFER ,Holger
(87) International Publication No	:WO 2014/082620	2)INAN ,-mer
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a lock with a locking mechanism comprising a rotary latch - preferably at least partially composed of metal - with a load arm and a catch arm, which is rotatably mounted on a catch axis, and which can receive a cotter pin, characterised in that the distance between the inner end of the cotter pin and the contact point between cotter pin and load arm is shorter than the distance between the contact point between cotter pin and load arm and the outer end of the cotter pin. The opening forces of a vehicle lock are minimised as a result.

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

(19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : SYNERGISTIC CATALYST COMBINATION FOR THE PREPARATION OF RADIATION CURABLE OLIGOMERS

(51) International classification	:C09D133/14	(71)Name of Applicant :
(31) Priority Document No	:61/777415	1)AKZO NOBEL COATINGS INTERNATIONAL B.V.
(32) Priority Date	:12/03/2013	Address of Applicant : Velperweg 76 NL 6824 BM Arnhem
(33) Name of priority country	:U.S.A.	Netherlands
(86) International Application No	:PCT/EP2014/054518	(72)Name of Inventor :
Filing Date	:10/03/2014	1)CRAUN Gary Pierce
(87) International Publication No	:WO 2014/139907	2)POMPIGNANO Gary Charles
(61) Patent of Addition to Application	.NI A	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
-		1

(57) Abstract :

Radiation curable coating compositions are disclosed. In some embodiments the coating compositions are used to coat substrates such as packaging materials and the like for the storage of food and beverages. The coating compositions may have a (meth)acrylate functional polyether polyol prepared by reacting an epoxidized vegetable oil in the presence of a phosphoric acid compound to form an epoxy phosphate and reacting the epoxy phosphate with a hydroxyl functional (meth)acrylatein the presence of an acid catalyst to form the(meth)acrylate functional polyether polyol.

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

(19) INDIA

(22) Date of filing of Application :29/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : WATER SUPPLY AND HEATING SYSTEM COMPRISING FLEXIBLE TANK AND HEATING

 (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 	p:PCT/IL2014/000003 :07/01/2014	 (71)Name of Applicant : 1)EZ PACK WATER LTD Address of Applicant :P.O.Box 2338 Savion 56530 Israel (72)Name of Inventor : 1)HAREL Alex
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

A water supply system comprises a flexible water tank and a water heating unit. The flexible water tank comprises an outer layer, an inner layer, and an isolating layer in between the two. The outer layer is made of a strong and flexible material and the inner layer is made of a food -safe material. The water heating unit comprises a mechanism for connection to the power source and electrical heating strips that are attached to the inner layer of the flexible water tank.

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

(19) INDIA

(22) Date of filing of Application :29/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : POWER GENERATION APPARATUS USING WATER POWER MAGNETISM AND WIND POWER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication N (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:1020120135763 :28/11/2012 :Republic of Korea :PCT/KR2013/008913 :04/10/2013	 (71)Name of Applicant : 1)KIM Dong Hyuk Address of Applicant :Mujin APT Ga dong 501 ho 1274 5 Juwol dong Nam gu Gwangju 503 838 Republic of Korea (72)Name of Inventor : 1)KIM Dong Hyuk
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(57) Abstract :

The present invention relates to a power generation apparatus using water power magnetism and wind power capable of obtaining sufficient torque minimizing energy loss and performing smooth power generation. The present invention includes: a plurality of runner blades which rotate in response to wind and tidal currents that apply forces in opposite directions; a horizontal rotating shaft in which the plurality of runner blades are connected thereto and a magnet is mounted thereto; a magnetism generation unit which generates a repulsive force with the magnet which is mounted onto the horizontal rotating shaft; a supporting unit which has the magnetism generation unit mounted thereto and supports the horizontal rotating shaft; a driven pulley which rotates in the same direction as the horizontal rotating shaft; and a turbine which is connected to the driven pulley by a belt.

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

(19) INDIA

(22) Date of filing of Application :29/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : CONFIGURABLE PROCESS CONTROL DEVICE WITH ELECTRONIC DISPLAY ASSEMBLY :G05B19/042 (71)Name of Applicant : (51) International classification 1)GENERAL EQUIPMENT AND MANUFACTURING (31) Priority Document No :13/690237 (32) Priority Date :30/11/2012 COMPANY INC. D/B/A TOPWORX INC. (33) Name of priority country :U.S.A. Address of Applicant :3300 Fern Valley Road Louisville KY (86) International Application No :PCT/US2013/072194 40213 U.S.A. Filing Date :27/11/2013 (72)Name of Inventor: (87) International Publication No :WO 2014/085561 1)LAFOUNTAIN Robert Lynn (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A configurable process control device (10), which includes a field device(12), such as a valve position controller, that can be configured by a user to emulate any one of a plurality of different types of process control devices, is provided with an electronic display assembly (16). The electronic display assembly is operatively connected with a control circuit (18) that is arranged to respond to the specific configuration of the field device to cause the electronic display assembly to display information relevant to the specific type of control device the field device has been configured to emulate. The information may include safety certification information specific to each of the different types of process control devices that the field device can be configured to emulate.

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

(19) INDIA

(22) Date of filing of Application :26/08/2015

(54) Title of the invention : LAMINATED GLASS STRUCTURE AND METHOD OF MANUFACTURE

(57) Abstract :

Disclosed is a laminated glass structure with one or more inner glass layers with at least one in tension and two outer glass layers in compression wherein one or both of the outer layers at least partially wrap around the one or more inner layers at one or more of the edges of the laminated glass structure. Also disclosed is a process for forming a laminated glass structure comprising providing a laminated glass structure removing at least some glass from at least one the edges of the structure to produce a concavity in at the at least one edge and applying heat to the at least one edge.

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

(19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : ZINC INDUCED CRACK RESISTANT STEEL PLATE AND MANUFACTURING METHOD THEREFOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Ether Date 	:201310244713.8 :19/06/2013 :China :PCT/CN2014/072890 :05/03/2014 :WO 2014/201877 :NA :NA :NA	 (71)Name of Applicant : 1)BAOSHAN IRON & STEEL CO. LTD. Address of Applicant :No. 885 Fujin Road Baoshan District Shanghai 201900 China (72)Name of Inventor : 1)LIU Zicheng 2)WU Yong 3)LI Xianju
Filing Date	:NA	

(57) Abstract :

A zinc induced crack resistant steel plate and a manufacturing method therefor are disclosed. A low alloy steel with low C ultralow Si high Mn low Als (Ti+Nb) micro alloying treatment is taken as a basis and the Als content in the steel is appropriately reduced; the content of the steel is controlled for Mn/C=15 [(%Mn)+0.75(%Mo)]—(%C)=0.16 Nb/Ti=1.8 and Ti/N between 1.50 3.40 CEZ=0.44% and B=2ppm Ni/Cu=1.50; the Ca treatment is performed and the Ca/S ratio is controlled to be 1.0 3.0 and (%Ca)—(%S)0.28=1.0—10 3. The TMCP process is optimized so that the micro structure of the finished steel plate is ferrite + fine bainite colonies dispersedly distributed the average grain size is less than or equal to 10 µm and excellent mechanical properties good weldability and zinc induced crack resistance property are obtained. The steel plate is especially suitable for spraying zinc coating corrosion resistant steel plate for extra high voltage power transmission structures spraying zinc coating corrosion resistant steel plate for coast bridge structures and the like.

No. of Pages : 29 No. of Claims : 3

(22) Date of filing of Application :25/08/2015

(57) Abstract :

The invention relates to transgenic plants with improved growth and nitrogen use efficiency expressing nitrate transporter gene methods of making such plants and methods for improving growth and nitrogen use efficiency.

No. of Pages : 145 No. of Claims : 39

(19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : STATE MACHINE FOR LOW NOISE CLOCKING OF HIGH FREQUENCY CLOCK

 (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 	:PCT/US2014/015005 :06/02/2014 :WO 2014/130255 :NA :NA :NA	 (71)Name of Applicant : 1)ADVANCED MICRO DEVICES INC. Address of Applicant :One AMD Place P.O. Box 3453 Sunnyvale CA 94088 3453 U.S.A. 2)KOMMRUSCH Steven J. 3)JUSUFOVIC Zihno (72)Name of Inventor : 1)KOMMRUSCH Steven J. 2)JUSUFOVIC Zihno
Filing Date	:NA	

(57) Abstract :

Methods apparatus and fabrication techniques relating to management of noise arising from capacitance in a clock tree of an integrated circuit. In some embodiments the methods comprise receiving a signal to adjust a clock having a first rate to a second rate; and ramping in response to receiving the signal the clock from the first rate to the second rate wherein the ramping comprises changing the frequency of the clock to at least one third rate between the first and second rates.

No. of Pages : 23 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

:G06F15/173	(71)Name of Applicant :
:13/827693	1)AMAZON TECHNOLOGIES INC.
:14/03/2013	Address of Applicant : P.O. Box 81226 Seattle WA 98108
:U.S.A.	1226 U.S.A.
:PCT/US2014/026003	(72)Name of Inventor :
:13/03/2014	1)STICKLE Thomas Charles
:WO 2014/160188	
:NA	
:NA	
:NA	
:NA	
	:13/827693 :14/03/2013 :U.S.A. :PCT/US2014/026003 :13/03/2014 :WO 2014/160188 :NA :NA :NA

(54) Title of the invention : INVENTORY SERVICE FOR DISTRIBUTED INFRASTRUCTURE

(57) Abstract :

Disclosed are various embodiments for an inventory application. Machine instances execute a monitoring service to determine the process names of applications executed in the machine instance. An inventory application identifies the applications executed on the machine instances as a function of data obtained from the monitoring services. Analytics reports can be generated from data embodying the identified applications.

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

(19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHODS AND SYSTEMS FOR CREATING A GOVERNMENT BOND VOLATILITY INDEX AND TRADING DERIVATIVE PRODUCTS BASED THEREON

(51) International classification	:G06Q40/06	(71)Name of Applicant :
(31) Priority Document No	:13/842197	1)APPLIED ACADEMICS LLC
(32) Priority Date	:15/03/2013	Address of Applicant :228, Park Avenue South, #91674, New
(33) Name of priority country	:U.S.A.	York, NY 10003 (US). U.S.A.
(86) International Application No	:PCT/US2013/071174	(72)Name of Inventor :
Filing Date	:21/11/2013	1)MELE Antonio
(87) International Publication No	:WO 2014/143214	2)OBAYASHI Yoshiki
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A computer system for calculating a government bond volatility index comprising memory configured to store at least one program; and at least one processor communicatively coupled to the memory in which the at least one program when executed by the at least one processor causes the at least one processor to receive data regarding options on government bond derivatives; calculate using the data regarding options on government bond derivatives the government bond volatility index; and transmit data regarding the government bond volatility index.

No. of Pages : 76 No. of Claims : 18

(21) Application No.7606/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : IMAGING ELEMENT AND ELECTRONIC DEVICE

classification :H04N3/343,H01L27/140,H04N3/232 (31) Priority Document No :2013037617 (32) Priority Date :27/02/2013	 (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)OTA Hidefumi
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(57) Abstract :

This imaging element is provided with: first imaging areas which image under first imaging conditions light entering via an optical system and generate a detection signal for detecting a focal point of the optical system; and second imaging areas which image under second imaging conditions different to the first imaging conditions light entering via the optical system and generate an image signal.

No. of Pages : 39 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : BIOMASS PYROLYSIS APPARATUS AND POWER GENERATION SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:PCT/JP2014/058546 :26/03/2014	1)MITSUBISHI HEAVY INDUSTRIES ENVIRONMENTAL & CHEMICAL ENGINEERING CO. LTD. Address of Applicant :4 2 Minatomirai 4 chome Nishi ku Yokohama shi Kanagawa 2200012 Japan (72)Name of Inventor : 1)ENDOU Yuuki
(87) International Publication No	:WO 2014/168004	2)YAMAMOTO Hirotami 3)ISHIKAWA Keiichi
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:NA :NA	
Number Filing Date	:NA :NA	

(57) Abstract :

Provided is a biomass pyrolysis apparatus (2) comprising: a combustion furnace (3) which produces a heat quantity by causing a stable property fuel (F) to combust; a pyrolysis gasification furnace (4) which produces a semi carbonised material (T) and a pyrolysis gas (P) by pyrolysing woody biomass (B) by means of the heat quantity produced by the combustion furnace (3); and a pyrolysis gas introduction passage (8) which introduces the pyrolysis gas (P) from the pyrolysis gasification furnace (4) into a boiler (16) into which the semi carbonised material (T) is introduced.

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

(19) INDIA

(22) Date of filing of Application :29/06/2015

(43) Publication Date : 22/01/2016

(51) International classification (31) Priority Document No	:B41J2/175 :2013006996	(71)Name of Applicant : 1)SEIKO EPSON CORPORATION
(32) Priority Date	:18/01/2013	Address of Applicant :4 1 Nishi shinjuku 2 chome Shinjuku ku
(33) Name of priority country	:Japan	Tokyo 1630811 Japan
(86) International Application No		(72)Name of Inventor :
Filing Date	:10/01/2014	1)KUDO Shoma
(87) International Publication No	:WO 2014/112344	2)KIMURA Naomi
(61) Patent of Addition to Application	:NA	3)SUZUKI Hidenao
Number	:NA	4)KANAYA Munehide
Filing Date	. NT A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : LIQUID JETTING DEVICE AND TANK

(57) Abstract :

The visioility of liquid in a liquid consumption device is improved. A liquid jetting device is provided with a tank (9) in which liquid can be contained, a liquid jetting head which connects to the tank (9) and which can jet the liquid, and a case (7) which integrally covers both the tank (9) and the liquid jetting head. The tank (9) has a containing section which can contain the liquid an atmosphere introduction passage which can introduce the atmosphere into the containing section, a pouring opening from which the liquid can be poured into the containing section, and an outlet opening from which the liquid jetting head. The liquid jetting head can jet the liquid, the liquid can be contained such that the level of the liquid in the containing section is higher in the vertical direction than the position of the nozzle of the liquid jetting head, and in that, in the attitude in which the liquid jetting head can jet the liquid, the pouring opening is covered with the case (7).

No. of Pages : 39 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :29/06/2015

(43) Publication Date : 22/01/2016

(51) International classification	:C07K14/395	(71)Name of Applicant :
(31) Priority Document No	:61/773329	1)GLAXOSMITHKLINE LLC
(32) Priority Date	:06/03/2013	Address of Applicant :2711 Centerville Road Suite 400
(33) Name of priority country	:U.S.A.	Wilmington DE 19808 U.S.A.
(86) International Application No	:PCT/US2014/021137	(72)Name of Inventor :
Filing Date	:06/03/2014	1)JIN Yonghwan
(87) International Publication No	:WO 2014/138371	2)ZHU Yuan
(61) Patent of Addition to Application	:NA	
Number Filing Data	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : HOST CELLS AND METHODS OF USE

(57) Abstract :

The present invention relates to genetically modified host cells, in particular yeast cells, comprising at least one isolated polynucleotide encoding a Killer Expression protease (Kex2p) or a fragment and/or variant thereof which has at least one Kex2p functional activity and at least one isolated polynucleotide encoding a Protein Disulfide- Isomerase (Pdil) or a fragment and/or variant thereof which has at least one Pdi functional activity. Also provided herein are genetically modified host cells comprising at least one isolated polynucleotide encoding a Killer Expression protease (Kex2p) or a fragment and/or variant thereof which has at least one isolated polynucleotide encoding a Killer Expression protease (Kex2p) or a fragment and/or variant thereof which has at least one isolated polynucleotide encoding a Protein Disulfide -Isomerase (Pdil) or a fragment and/or variant thereof which has at least one isolated polynucleotide encoding a Protein Disulfide -Isomerase (Pdil) or a fragment and/or variant thereof which has at least one Pdil functional activity and at least one isolated polynucleotide encoding a Endoplasmic Reticulum Oxidoreductin (Erol) or a fragment and/or variant thereof which has at least one Erol functional activity.

No. of Pages : 70 No. of Claims : 40

(19) INDIA

(22) Date of filing of Application :29/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : TUBULAR	VOLATIZING 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 		 (71)Name of Applicant : 1)BREIWA III George R. Address of Applicant :105 Elm Street Cobb WI 53526 U.S.A. 2)NELSON Ingmar C. 3)BREIWA Curtis M. (72)Name of Inventor : 1)BREIWA III George R. 2)NELSON Ingmar C. 3)BREIWA Curtis M.

(57) Abstract :

A volatizer (10) is provided including a multifunction cap (15) secured over the open end of a body (11) or other device, the chamber or other part of the device holding an amount of material (24) to be extracted by selective volatization therein and including a hermo-indicator (28) thereon or therein capable of deforming actuating or otherwise indicating upon heating to a preselected temperature to provide an indication of the proper temperature for volatilization and extraction of the selected and or target compound from the material within the device.

No. of Pages : 26 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : ISOLATOR DECOUPLER		
 (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 	:F16D7/02,F16D41/20,F16H55/36 :13/860736 :11/04/2013 :U.S.A. :PCT/US2014/032864 :03/04/2014 :WO 2014/168815 :NA :NA :NA	 (71)Name of Applicant : 1)THE GATES CORPORATION Address of Applicant :(a Delaware corporation) 1551 Wewatta Street IP Law Dept. 10 A3 Denver Colorado 80202 U.S.A. (72)Name of Inventor : 1)SERKH Alexander

(57) Abstract :

An isolator decoupler comprising a pulley a shaft the pulley journalled to the shaft on a low friction bushing a spring carrier the pulley journalled to the spring carrier on a low friction bushing the spring carrier journalled to the shaft on a low friction bushing a torsion spring coupled between the pulley and the spring carrier a one way clutch spring frictionally engaged with the shaft the one way clutch spring coupled to the spring carrier the one way clutch spring is disposed radially inward of the torsion spring and the pulley temporarily engagable with an end of the one way clutch spring whereby the frictional engagement of the one way clutch spring with the shaft is temporarily diminished.

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

(22) Date of filing of Application :26/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : GLASS FORMING APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C03B17/06 :13/689287 :29/11/2012 :U.S.A. :PCT/US2013/072121 :27/11/2013 :WO 2014/085516 :NA :NA :NA :NA	 (71)Name of Applicant : CORNING INCORPORATED Address of Applicant :1 Riverfront Plaza Corning New York 14831 U.S.A. KAWAHATA, Makoto TAKEUCHI, Yuko TANIYAMA,Makoto (72)Name of Inventor : KAWAHATA Makoto TAKEUCHI, Yuko TAKEUCHI, Yuko TANAKA, Masaaki TANAKA, Masaaki
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(57) Abstract :

Forming defects and cracks caused by agglomerated glass components are prevented in a glass forming apparatus, such as a fusion draw glass forming apparatus. The glass forming apparatus has first peripheral walls; a forming member to form the glass into sheet form; second peripheral walls provided beneath the first peripheral walls with an interval therebetween; rollers provided within the second peripheral walls for drawing the glass in sheet form downward; partitioning plates for adjusting the temperature of the space; box shaped trays having open portions; and a tray holding mechanism that enables the trays to enter and exit the interval and that hold the trays such that the open portions of the trays extend along the distal ends of the partiationing plates at a position under the partitioning plates when the trays are within the interval.

No. of Pages : 30 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

 (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) Potent of Addition to Application 	:A61B17/04 :13/838729 :15/03/2013 :U.S.A. :PCT/US2014/020766 :05/03/2014 :WO 2014/149764	 (71)Name of Applicant : 1)SMITH & NEPHEW INC. Address of Applicant :150 Minuteman Road Andover Massachusetts 01810 U.S.A. (72)Name of Inventor : 1)ARAI Tatsuya 2)KOSKI Matthew Edwin 2)UOUSMA N Morek Edwin
(86) International Application No	:PCT/US2014/020766	(72)Name of Inventor :
(87) International Publication No(61) Patent of Addition to ApplicationNumberFiling Date	:WO 2014/149764 :NA :NA	2)KOSKI Matthew Edwin 3)HOUSMAN Mark Edwin 4)LUNN Richard M.
(62) Divisional to Application Number Filing Date	:NA :NA	
(57) Ale etwe et a		•

(54) Title of the invention : FENESTRATED LOCKING SUTURE ANCHOR ASSEMBLY

(57) Abstract :

The technology includes an anchor assembly for tissue repair having an open helical coil sleeve and a tip structure. The tip structure includes an aperture for passing a suture and a suture capture member for capturing a suture. The technology also includes an anchor driver for installing an anchor into bone. The anchor driver includes an outer shaft and a sleeve advancement member for advancing the sleeve as well as an inner shaft and a suture capture advancement member for advancing the suture capture member. The technology also includes a system for tissue repair having an anchor assembly and an anchor driver for installing the anchor assembly into bone.

No. of Pages : 53 No. of Claims : 30

(19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : PNEUMATIC TIRE AND METHOD OF MANUFACTURE

 (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	PCT/US2014/015911 :12/02/2014	 (71)Name of Applicant : 1)BRIDGESTONE AMERICAS TIRE OPERATIONS LLC Address of Applicant :535 Marriott Drive Nashville Tennessee 37214 U.S.A. (72)Name of Inventor : 1)STUCKEY Jon 2)HAYES Justin 3)WEATHERWAX Kent
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	^h :NA :NA	

(57) Abstract :

A pneumatic tire includes an elastomeric casing. The elastomeric casing includes a crown portion opposing sidewalls and bead areas that are formed along the sidewalls in spaced relation to the crown portion. The bead areas include at least one bead reinforcing element such as a bead core and/or a bead filler that is at least partially formed from carbon fibers. A method of manufacturing a pneumatic tire assembly is also included.

No. of Pages : 52 No. of Claims : 27

(21) Application No.7624/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : VECTORS COMPRISING STUFFER/FILLER POLYNUCLEOTIDE SEQUENCES AND METHODS OF USE

342	 1)THE CHILDRENS HOSPITAL OF PHILADELPHIA
2013	Address of Applicant :34th Street & Civic Center Boulevard
/S2014/028911	Philadelphia Pennsylvania 19104 U.S.A. (72)Name of Inventor :
2014	1)WRIGHT J. Fraser
)14/144486	2)ZELENAIA Olga
2)	013
15	52014/028911
2)	014

(57) Abstract :

Recombinant viral vectors such as AAV vectors designed with expression cassettes that approach the natural packaging capacity of the virus such as AAV are provided. The recombinant viral vectors reduce residual plasmid DNA impurities.

No. of Pages : 67 No. of Claims : 54

(19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : READY TO USE HOT MELT ADHESIVE HAVING AN IMPROVED PROPERTY PROFILE

 (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 	:C09J123/14,C09J5/06 :10 2013 005 089.8 :23/03/2013 :Germany :PCT/EP2014/000648 :11/03/2014 :WO 2014/154328 :NA :NA :NA :NA	 (71)Name of Applicant : 1)CLARIANT INTERNATIONAL LTD Address of Applicant :Rothausstrasse 61 CH 4132 Muttenz Switzerland (72)Name of Inventor : 1)HERRLICH Timo 2)STEIB Christian 3)HERRMANN Hans Friedrich 4)LANG Andreas
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(57) Abstract :

The invention relates to a ready to use hot melt adhesive containing at least 95% of one or more polyolefin copolymer waxes which have been prepared by means of metallocene catalysts characterised in that the polyolefin copolymer wax consists of propylene and one or more further monomers selected from ethylene and branched or unbranched 1 alkenes having 4 to 20 C atoms and the content of structural units derived from propylene in the copolymer waxes amounts to 80 to 99.9% by weight and the hot melt adhesive has a surface tension of the melt measured at a temperature of 170° C of at most 23 mN/m.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :23/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : NEW BACTERIA AND CONSORTIA FOR THE REDUCTION OF AMONIA AND/OR METHANE EMISSION IN MANURE OR SOIL

 (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 	:23/12/2013	 (71)Name of Applicant : 1)RINAGRO B.V. Address of Applicant :Buren 4, NL- 8756 JP Piaam Netherlands (72)Name of Inventor : 1)JOUSTRA, Rinze
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention is related to a new bacterium comprising a partial 16S rDNA nucleic acid sequence having more than 85% sequence identity to the sequence presented as SEQ ID NO:1, or the complement thereof and a consortium of micro- organisms for improving manure or soil.

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

(19) INDIA

(22) Date of filing of Application :26/06/2015

(54) Title of the invention : METHOD FOR FORMING A BARRIER LAYER

(43) Publication Date : 22/01/2016

(71)Name of Applicant : 1)CORNING INCORPORATED (51) International classification :C23C14/10 Address of Applicant :1 Riverfront Plazag Corning gNew (31) Priority Document No :61/731226 York 14831 U.S.A. (32) Priority Date :29/11/2012 2)BELLMAN, Robert Alan (33) Name of priority country :U.S.A. 3)CHUANG, Ta Ko (86) International Application No :PCT/US2013/071653 4)MANLEY, Robert George Filing Date :25/11/2013 5) **QUESADA**, Mark Alejandro (87) International Publication No :WO 2014/085315 6)SACHENIK. Paul Arthur (61) Patent of Addition to Application :NA (72)Name of Inventor : Number 1)BELLMAN, Robert Alan :NA Filing Date 2)CHUANG, Ta Ko (62) Divisional to Application Number :NA 3)MANLEY ,Robert George Filing Date :NA 4) OUESADA .Mark Alejandro 5)SACHENIK .Paul Arthur

(57) Abstract :

A method of forming a hermetic barrier layer comprises sputtering a thin film from a sputtering target, wherein the sputtering target includes a sputtering material such as a low Tg glass, a precursor of a low Tg glass, or an oxide of copper or tin.During the sputtering, the formation of defects in the barrier layer are constrained to within a narrow range and the sputtering material is maintained at a temperature of less than 200°C.

No. of Pages : 42 No. of Claims : 15

(21) Application No.5671/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :26/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : SYNERGISTIC FUNGICIDAL COMPOSITIONS

 (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 	:A01N43/54,A01N43/40 :61/747475 :31/12/2012 :U.S.A. :PCT/US2013/078511 :31/12/2013 :WO 2014/106254 :NA :NA :NA	 (71)Name of Applicant : 1)DOW AGROSCIENCES LLC. Address of Applicant :9330 Zionsville Road Indianapolis Indiana 46268 U.S.A. (72)Name of Inventor : 1)OUIMETTE David G. 2)MANN Richard K. 3)MATHIESON John T. 4)DASILVA Olavo Correa
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(57) Abstract :

A synergistic fungicidal mixture contains a fungicidally effective amount of a compound of Formula I and at least one fungicide selected from the group consisting of tricyclazole, azoxystrobin, carpropamid, probenazole, kasugamycin, and boscalid.

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

(19) INDIA

(22) Date of filing of Application :26/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : PALLET WITH SINGLE CARGO LAYER HAVING INSERTS

(51) International classification	:B65D19/00,B65D19/12,B65D19/16	(71)Name of Applicant : 1)CHEP TECHNOLOGY PTY LIMITED
(31) Priority Document No	:13/750314	Address of Applicant :Level 40 Gateway 1 Macquarie Place
(32) Priority Date	:25/01/2013	Sydney New South Wales 2000 Australia
(33) Name of priority country	y:U.S.A.	2)LUNDQUIST, Christopher, Scott
(86) International	:PCT/US2013/076024	3)ANDERSON, David, Paul, III
Application No	:18/12/2013	(72)Name of Inventor :
Filing Date		1)LANTZ Dan
(87) International Publication	¹ ·WO 2014/116374	2)BRANDT Ken
No		3)LUNDQUIST Christopher Scott
(61) Patent of Addition to	:NA	4)ANDERSON David Paul III
Application Number	:NA	
Filing Date	.11A	
(62) Divisional to	:NA	
Application Number	:NA	
Filing Date	.1 1/ 1	

(57) Abstract :

A pallet includes a cargo layer, a base layer and support structures coupled between. The cargo layer includes a pair of horizontally positioned outer deck boards and at least one horizontally positioned intermediate deck board therebetween. The atleast one horizontally positioned intermediate deck board has opposing sidewalls, and a spaced apart openings at least partially ex tending through the opposing sidewalls. The pair of horizontally positioned outer deck boards have opposing sidewalls, and spaced apart openings extending through at least one of the sidewalls of each outer deck board. The spaced apart openings in each horizontally positioned outer deck board are aligned with the spaced apart openings in an adjacent sidewall of least one horizontally positioned intermediate deck board. Inserts are in the spaced apart openings.

No. of Pages : 29 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : NEGATIVE PRESSURE WOUND CLOSURE DEVICE AND SYSTEMS AND METHODS OF USE IN TREATING WOUNDS WITH NEGATIVE PRESSURE

 (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 	:A61F13/00,A61F13/02 :61/780660 :13/03/2013 :U.S.A. :PCT/US2014/025059 :12/03/2014 :WO 2014/165275 :NA :NA	 (71)Name of Applicant : 1)SMITH & NEPHEW INC. Address of Applicant :1450 Brooks Road Memphis TN 38016 U.S.A. 2)UNIVERSITY OF MASSACHUSETTS (72)Name of Inventor : 1)DUNN Raymond M. 2)HARTWELL Edward Yerbury 3)HICKS John Kenneth 4)HUDDLESTON Elizabeth Mary
Filing Date (62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Certain embodiments described herein are directed to an elongated layer of material and a lip to be placed in contact with a wound and the elongated layer of material to be wrapped around a wound filler their methods of use and systems incorporating the same wherein the wound filler lip is configured to be positioned beneath the fascia. Additionally some embodiments described herein are directed to the closure of the wound and the use of attachment mechanisms on the elongate layer and lip to attach to the wound surface.

No. of Pages : 123 No. of Claims : 30

(19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

(51) International classification	:C12N11/10	(71)Name of Applicant :
(31) Priority Document No	:61/784432	1)RAN BIOTECHNOLOGIES INC.
(32) Priority Date	:14/03/2013	Address of Applicant :100 Cummings Center Suite 438N
(33) Name of priority country	:U.S.A.	Beverly Massachusetts 01915 U.S.A.
(86) International Application No	:PCT/US2014/026540	(72)Name of Inventor :
Filing Date	:13/03/2014	1)NASSAR Roger A.
(87) International Publication No	:WO 2014/151836	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : METHODS AND MATERIALS FOR MICROORGANISM CAPTURE

(57) Abstract :

Material complexes that capture biologicals and methods of synthesizing and using such complexes composed of fluid insoluble material and a receptor are provided herewith. The fluid insoluble material has reactive functionality on its surface including hydroxyl amino mercapto or epoxy functionality material. The material can be agarose sand textile or any combination thereof. The receptor is selected from the group consisting of mono and poly saccharides heparin or any combination thereof. Also provided are methods whereby releasing the captured biologicals is controllable.

No. of Pages : 33 No. of Claims : 31

(19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : CELLULOSE ETHER AS A DRIFT CONTROL AGENT AND RAINFASTNESS AGENT :A01N25/24,A01N39/04 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)AKZO NOBEL CHEMICALS INTERNATIONAL B.V. :61/783871 (32) Priority Date Address of Applicant :Stationsstraat 77 NL 3811 MH :14/03/2013 (33) Name of priority country :U.S.A. Amersfoort Netherlands (72)Name of Inventor : (86) International Application No :PCT/EP2014/054628 Filing Date :11/03/2014 1)SUN Jinxia Susan (87) International Publication No :WO 2014/139975 2)HE Qiwei (61) Patent of Addition to Application 3)ZHU Shawn :NA Number 4) DEMPSEY Logan :NA Filing Date 5)WALTERS Michael (62) Divisional to Application Number :NA **6)WESTBYE Peter** Filing Date :NA

(57) Abstract :

The present invention is directed to an agricultural composition comprising at least one agricultural chemical and at least one cellulose ether wherein the cellulose ether is a nonionic methylethylhydroxyethyl cellulose (MEHEC) polymer. The present invention is also directed to a method for reducing spray drift during the spraying of an aqueous solution. The method comprises: providing a nonionic MEHEC polymer; combining the MEHEC polymer with at least one agricultural chemical to obtain the aqueous solution; and spraying the aqueous solution. Further the present invention is also directed to a method for increasing resistance to rain wash off of an aqueous solution sprayed onto a surface. The method comprises: providing a nonionic MEHEC polymer; combining the MEHEC polymer with at least one agricultural chemical to obtain the aqueous solution sprayed onto a surface. The method comprises: providing a nonionic MEHEC polymer; combining the MEHEC polymer with at least one agricultural chemical to obtain the aqueous solution onto the surface.

No. of Pages : 16 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : BREEDING METHODS FOR ENHANCED GRAIN YIELD AND RELATED MATERIALS AND METHODS

(51) International classification	:C12N15/82,C12N15/87,A01H5/00	(71)Name of Applicant : 1)INTERNATIONAL RICE RESEARCH INSTITUTE
(31) Priority Document No	:61/759408	Address of Applicant :College Los Ba±os Laguna 4031
(32) Priority Date	:01/02/2013	Phillipines
(33) Name of priority country	:U.S.A.	2)JAPAN INTERNATIONAL RESEARCH CENTER FOR
(86) International Application	:PCT/IB2014/000607	AGRICULTURAL SCIENCES
No	:03/02/2014	(72)Name of Inventor :
Filing Date	.03/02/2014	1)ISHIMARU Tsutomu
(87) International Publication	WO 2014/119626	2)SLAMET LOEDIN Inez Hortense
No	:WO 2014/118636	3)FUJITA Daisuke
(61) Patent of Addition to	:NA	4)TRIJATMIKO Kurniawan Rudi
Application Number	:NA :NA	5)KOIDE Yohei
Filing Date	.NA	6)SASAKI Kazuhiro
(62) Divisional to Application	:NA	7)TSAKIRPALOGLOU Nikolaos K.
Number	:NA :NA	8)FUKUTA Yoshimichi
Filing Date	.NA	9)KOBAYASHI Nobuya

(57) Abstract :

Described herein are breeding methods useful to increase grain yield. Disclosed is a novel gene SPIKE which is shown herein to increase grain yield of modern indica cultivars and can be used to assist development of improved grains. Also described herein are materials and methods for increasing the grain yield of modern indica cultivars.

No. of Pages : 132 No. of Claims : 63

(19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

(51) International classification :B60T13/66 (71)Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT (31) Priority Document No :10 2013 205 698.2 (32) Priority Date Address of Applicant :Wittelsbacherplatz 2 80333 M¹/₄nchen :28/03/2013 (33) Name of priority country :Germany Germany (86) International Application No :PCT/EP2014/055944 (72)Name of Inventor : Filing Date :25/03/2014 1)WIESAND Manfred (87) International Publication No :WO 2014/154681 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : APPARATUS FOR CONTROLLING A DRIVE DEVICE IN A RAIL VEHICLE

(57) Abstract :

The invention relates to an apparatus for controlling a drive device (16) in a rail vehicle (10) comprising a computer unit (32) and a memory unit (30) for storing at least one module (AS) of a drive control program wherein said module (AS) is provided for at least one drive control function to be carried out by the computer unit (32). In order to provide an apparatus of this generic type by means of which a low level of outlay on construction in respect of implementing control functions can be achieved it is proposed that the memory unit (30) is used to store at least one module (BS1 BS2) of a brake control program wherein said module (BS1 BS2) is provided for at least one brake control function for a brake device (34) of the rail vehicle (10) to be carried out by the computer unit (32).

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

(19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : MONITORING AND TRANSMITTING WELLBORE DATA TO SURFACE (51) International classification :E21B47/00,E21B47/18 (71)Name of Applicant : 1)HALLIBURTON MANUFACTURING AND SERVICES (31) Priority Document No :1308915.6 (32) Priority Date :17/05/2013 LIMITED Address of Applicant :Russell House Block D Regent Park (33) Name of priority country :U.K. (86) International Application No :PCT/GB2014/051522 Kingston Road Leatherhead Surrey KT22 7LU U.K. (72)Name of Inventor: Filing Date :16/05/2014 (87) International Publication No :WO 2014/184586 **1)BROWN KERR William** (61) Patent of Addition to Application 2)McGARIAN Bruce Hermman Forsyth :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Methods of monitoring a force applied to a component (28) in a wellbore (12) following drilling and during a subsequent operation. Methods comprising: providing a string of tubing (35) including a tubular member (46) having at least one sensor (48) for measuring the strain in the tubing and a device (50) for transmitting data to surface and which is operatively associated with the sensor. Running the string of tubing into the wellbore; monitoring the strain in the tubing measured by the sensor and compensating for the strain. Performing an operation in the well employing the tubing involving the application of a force to the component in the wellbore; monitoring the resultant change in strain in the tubing measured by the sensor; and transmitting data relating to the resultant change in strain to surface using the data transmission device to facilitate determination of the force applied to the component.

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

(19) INDIA

(22) Date of filing of Application :29/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : SYNERGISTIC FUNGICIDAL COMPOSITIONS

 (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 	:A01N43/54,A01N43/40 :61/747464 :31/12/2012 :U.S.A. :PCT/US2013/078524 :31/12/2013 :WO 2014/106259 :NA :NA :NA :NA	 (71)Name of Applicant : 1)DOW AGROSCIENCES LLC. Address of Applicant :9330 Zionsville Road Indianapolis Indiana 46268 U.S.A. (72)Name of Inventor : 1)OUIMETTE David G. 2)MATHIESON John T. 3)YAO Chenglin 4)DASILVA Olavo Correa 5)KEMMITT Greg
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(57) Abstract :

A synergistic fungicidal mixture contains a fungicidally effective amount of a compound of Formula (I)(3S,6S,7R,8R)-8-benzyl3-(3-((isobutyryloxy) methoxy)-4-methoxypicolinamido)-6-methyl-4,9-dioxo-1,5-dioxonan-7-yl isobutyrate, and at least one triazole fungicide wherein Formula (I) is (structurally represented).

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

(19) INDIA

(22) Date of filing of Application :29/06/2015

(43) Publication Date : 22/01/2016

:B29D30/48	(71)Name of Applicant :
:NA	1)FUJI SEIKO CO.LTD.
:NA	Address of Applicant :60 Hirakata 13 chome Fukujucho
:NA	Hashima shi Gifu 5016257 Japan
:PCT/JP2013/050771	2)FUJI SHOJI CO.LTD.
:17/01/2013	(72)Name of Inventor :
:WO 2014/112065	1)NISHIDA Kihachiro
. NT A	2)NOMURA Shigeaki
:NA	
:NA	
:NA	
	:NA :NA :NA :PCT/JP2013/050771 :17/01/2013 :WO 2014/112065 :NA :NA :NA

(54) Title of the invention : BEAD- MOLDING DEVICE AND MOLDING METHOD

(57) Abstract :

This invention is provided with: a rotation drum (21) having a plurality of divided bodies (22) divided in the circumferential direction, with a bead filler (20), shaped as a strip in which the bottom side is short and the other two sides are long, being wrapped around the rotation drum (21) in a ring shape; a plurality of standing arms (23) provided along the circumference, the standing arms (23) being supported by the divided bodies of the rotation drum so as to be capable of turning, and the standing arms (23) turning to cause the bead filler to stand; and a turning device (43) for turning the standing arms. Slide members (25) for bringing the bead filler into contact with the standing arms in a mutually slidable manner are provided at the portions of the standing arms that are in contact with the bead filler.

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

(19) INDIA

(22) Date of filing of Application :29/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : MIXTURES OF REACTIVE DYES AND THEIR USE IN A METHOD OF DI- OR TRICHROMATIC DYEING OR PRINTING

(31) Priority Document No:13155811.61)HUNTSMAN ADVANCED MATERIALS(32) Priority Date:19/02/2013(SWITZERLAND) GMBH(33) Name of priority country:EPOAddress of Applicant :Legal Services Department(86) International Application No:PCT/EP2014/052196Klybeckstrasse 200 CH 4057 Basel Switzerland(87) International Publication No:WO 2014/1279941)MUELLER Alexander(61) Patent of Addition to Application:NA2)HILDEBRAND RainerNumber:NA:NA3)DA SILVA SARAIVA Sandra(62) Divisional to Application Number:NA5)KNEUBUEHLER Markus

(57) Abstract :

A dye mixture, comprising at least one blue dyeing dye of the formula (1), wherein Qi represents a bivalent radical of formula (4a), (4b) or (4c), wherein Xi denotes chlorine or fluorine, Ri is hydrogen or Ci-Cs alkyl, R2 is hydrogen, Ci-Csalkyl, Ci-C4alkoxy or sulfo, Yi is vinyl or a radical -CH2-CH2-U and U is a leaving group removable under alkaline conditions,R3 is hydrogen or Ci-Csalkyl that is unsubstituted or substituted by hydroxy, sulfo, sulfato, cyano, carboxy, C i-C4alkoxy or phenyl, r and s are each independently of the other the number 0 or 1, and t is the number 0, 1 or 2, and the sum of r, s and t is 2 or 3 and at least one yellow or red dyeing reactive dye is suitable especially for the dichromatic or trichromatic dyeing or printing of natural or synthetic polyamide fibre materials and yield dyeings or prints having good reproducibility and good all-round fastness properties.

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

(22) Date of filing of Application :29/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : MEASUREMENT SCALE			
	 (71)Name of Applicant : (71)Name of Applicant : (1)RENISHAW PLC Address of Applicant :New Mills, Wotton -under- Edge Gloucestershire GL12 8JR U.K. (72)Name of Inventor : (72)Name of Inventor : (72)Name of Inventor : (72)Name of Inventor : (72)Name of Inventor : (72)Name of Inventor : (72)Name of Inventor : (72)WESTON Nicholas John (72)WESTON Marcus (72)DARDIS John (72)MARDIS John 		

(57) Abstract :

A measurement scale device comprises at least one scale marking, wherein the or each scale marking comprises at least one periodic nanostructure that represents scale device information.

No. of Pages : 45 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : PLASTICIZERS RESIN COMPOSITION AND METHOD FOR MANUFACTURING PLASTICIZERS AND RESIN COMPOSITION

(31) Priority Document No:1020140014203Addression(32) Priority Date:07/02/2014Seoul 150(33) Name of priority country:Republic of Korea(72)Name(86) International Application No:PCT/KR2014/0099792)JUNG(30) Same of No:22/10/20143)LEE	CHEM LTD. ress of Applicant :128 Yeoui daero Yeongdeungpo gu i0 721 Republic of Korea ne of Inventor : I Hyun Kyu IG Da Won 2 Mi Yeon Dong Hyun
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(57) Abstract :

The present invention relates to plasticizers a resin composition and a method for manufacturing plasticizers and a resin composition. The present invention can provide the plasticizers and the resin composition comprising same wherein the plasticizers are capable of improving physical characteristics such as light resistance required for application as a compound or viscosity bleeding and gelling properties required for application as a sheet when used as plasticizers for the resin composition by improving physical characteristics which are environmentally friendly but defective due to structural limitations.

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

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : INKS		
 (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 	:C09C3/10,C09D11/00 :1305109.9 :20/03/2013 :U.K. :PCT/GB2014/050751 :13/03/2014 :WO 2014/147374 :NA :NA :NA :NA	 (71)Name of Applicant : 1)FUJIFILM IMAGING COLORANTS INC. Address of Applicant :233 Cherry Lane New Castle Delaware 19720 U.S.A. (72)Name of Inventor : 1)MORRIS Daniel 2)CORDWELL Janette 3)DOUBLE Philip 4)EDWARDS Martin

(57) Abstract :

An ink comprising: (a) 0.1 to 10 parts of a self dispersible pigment; (b) 5 to 15 parts of a polymeric latex binder with a glass transition temperature in the range of from 0°C to 30°C; (c) 5 to 15 parts of one or more polar organic solvent(s) with a solubility parameter at 25° C greater than 27.5; (d) 0 to 3 parts of an acetylenic diol surfactant; (e) 0 to 5 parts of biocide; (f) 0 to 10 parts of a viscosity modifier; (g) 0 to 5 parts of one or more organic solvents with a solubility parameter at 25° C less than 27.5; (h) 0 to 5 parts of a cross linking agent; and (i) the balance to 100 parts water; wherein the ratio of latex binder to total solvent is in the range of from 1:3 to 3:1. Also ink jet printing processes ink jet ink containers printed substrates and ink jet printers.

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

(19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : SOLID ORAL DOSAGE FORMULATION OF HCV INHIBITOR IN THE AMORPHOUS STATE

 (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 	:PCT/US2014/026028 :13/03/2014 :WO 2014/151575	 (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)TELANG Chitra 2)WANG Zeren 3)ZHONG Li
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Described herein are solid oral dosage forms containing Compound (1) or a pharmaceutically acceptable salt thereof (Formula 1) wherein Compound (1) is in the amorphous state. Also described are solid oral dosage forms comprising a composition of Compound (1) in the amorphous state and one or more pharmaceutically acceptable excipients. Compound (1) is a specific inhibitor of the hepatitis C virus (HCV) NS3/4A serine protease. Thus also described herein are methods for using the described solid oral dosage forms in the treatment of HCV infection. Also described are processes for the manufacture of the solid oral dosage forms.

No. of Pages : 28 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

(51) International classification(31) Priority Document No(32) Priority Date	:H05B37/02,H02M3/28 :201410099656.3 :18/03/2014	(71)Name of Applicant : 1)SHENZHEN SKYWORTH RGB ELECTRONIC CO. LTD
(33) Name of priority country	:China	Address of Applicant :13 16 F Unit A Skyworth Building
(86) International Application No	:PCT/CN2014/087027	Shennan Road Nanshan District Shenzhen Guangdong 518052
Filing Date	:22/09/2014	China
(87) International Publication No	:WO 2015/139437	(72)Name of Inventor :
(61) Patent of Addition to Application Number Filing Date	:NA :NA	1)DAI Qifeng 2)CHAO Tieniu 3)CAI Shengping
(62) Divisional to Application Number Filing Date	:NA :NA	4)XU Hui 5)WEI Zongwang

(54) Title of the invention : OLED DRIVE POWER SUPPLY DEVICE

(57) Abstract :

Disclosed is an OLED drive power supply device comprising a power supply board which is connected to a mainboard and an OLED screen. The power supply board comprises a standby circuit a time sequence control module a first conversion module a second conversion module and a PFC circuit wherein the standby circuit is connected to the time sequence control module and the mainboard; the time sequence control module is connected to the PFC circuit the mainboard the first conversion module and the second conversion module; and the first conversion module and the second conversion module are both connected to the mainboard and the PFC circuit. In the present invention a high voltage direct current is respectively converted into a first voltage and a second voltage via the first voltage and the second voltage are independent from each other thereby satisfying the requirement of an OLED for the stability of the output of a power supply and improving the picture quality thereof; and the time sequence control module enables the OLED screen to be lighted up after a power on/power off signal and an enable signal are both stabilized thereby changing the power on/power off time sequence of a traditional power supply so that the power supply can adapt to the fast response characteristic of the OLED.

No. of Pages : 38 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : TIRE SUPPORT APPARATUS AND TIRE COOLING SYSTEM

(57) Abstract :

The tire support apparatus (11) is equipped with: a first rim support section (23); a second rim support section (30) provided so as to face the first rim support section (23); a frame (15) having a guide (16) for movably guiding the second rim support section (30) in the direction that approaches and distances from the first rim support section (23); a conveyor unit (40) installed so as to be capable of moving along the guide (16); a driving unit(44) for moving the conveyor unit (40) along the guide (16); an engagement mechanism (50) capable of engaging the second rim support section (30) with the frame (15) at a standby position that is at a distance from the first rim support section (23); and a support accepting section (58) for supporting the second rim support section (30) when engagement by the engagement mechanism (50) has been released so as to be able to move as a unit with the conveyor unit (40) along the guide (16).

No. of Pages : 62 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : REDUCED AREA THREAD PROFILE FOR AN OPEN ARCHITECTURE ANCHOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:PCT/US2014/022562	 (71)Name of Applicant : 1)SMITH & NEPHEW INC. Address of Applicant :150 Minuteman Road Andover Massachusetts 01810 U.S.A. (72)Name of Inventor : 1)HOUSMAN Mark Edwin
Filing Date	:10/03/2014	
(87) International Publication No	:WO 2014/159216	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The disclosure provides examples of an open architecture anchor (100) for securing soft tissue to bone for example to repair a torn rotor cuff. The anchor includes a helical screw thread (105) having a base (125) and two sidewalls (135a 135b) that are non linear. The non linear sidewalls extend from opposing ends of the base and meet at a peak (140). The non linear sidewalls are circumscribed within a triangle (145) defined by the peak and ends of the base. Compared to the standard triangle profile the helical screw thread profile has a smaller cross sectional surface area and consequently removes less bone. The helical screw thread having the reduced cross sectional area preserves bone stock and enhances the holding strength of the anchor in bone.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : 6 [4 (1 H IMIDAZOL 2 YL)PIPERIDIN 1 YL]PYRIMIDIN 4 AMINE DERIVATIVES AS MODULATORS OF KINASE ACTIVITY

(33) Name of priority country:U.S.A.(72)Name of Inventor : 1)LAN Ruoxi 2)CHEN Xiaoling 3)XIAO Yufang 4)HUCK Bayard R.(87) International Fublication No (61) Patent of Addition to Application Number Filing Date:WO 2014/143612(82) Divisional to Filing Date:NA :NA:S)GOUTOPOULOS Andreas(52) Divisional to Filing Date:NA :NA(57) Abstract ::NA	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	:11/03/2013 :U.S.A. :PCT/US2014/022479 :10/03/2014 :WO 2014/143612 :NA :NA :NA	 1)MERCK PATENT GMBH Address of Applicant :Frankfurter Strasse 250 64293 Darmstadt Germany (72)Name of Inventor : LAN Ruoxi CHEN Xiaoling XIAO Yufang HUCK Bayard R.
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(57) Abstract :

The invention provides heterocyclic amines according to Formula (I) their manufacture and use for the treatment of hyperproliferative diseases such as cancer. Formula (I).

No. of Pages : 88 No. of Claims : 21

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : OPHTHALMIC EXAMINATION AND DISEASE MANAGEMENT WITH MULTIPLE ILLUMINATION MODALITIES

(51) International classification	:A61B3/00	(71)Name of Applicant :
(31) Priority Document No	:61/788835	1)VASOPTIC MEDICAL INC.
(32) Priority Date	:15/03/2013	Address of Applicant :9250 Bendix Road North Suite 510
(33) Name of priority country	:U.S.A.	Columbia Maryland 21045 U.S.A.
(86) International Application No	:PCT/US2014/025014	(72)Name of Inventor :
Filing Date	:12/03/2014	1)REGE Abhishek
(87) International Publication No	:WO 2014/151114	2)BROOKE M. Jason.
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract :

Imaging various regions of the eye is important for both clinical diagnostic and treatment purposes as well as for scientific research. Diagnosis of a number of clinical conditions relies on imaging of the various tissues of the eye. The subject technology describes a method and apparatus for imaging of the back and/or front of the eye using multiple illumination modalities which permits the collection of one or more of reflectance spectroscopic fluorescence and laser speckle contrast images.

No. of Pages : 71 No. of Claims : 54

(19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

(51) International classification	:A61K9/51	(71)Name of Applicant :
(31) Priority Document No	:61/784820	1)RAN BIOTECHNOLOGIES INC.
(32) Priority Date	:14/03/2013	Address of Applicant :100 Cummings Center Suite 438N
(33) Name of priority country	:U.S.A.	Beverly MA 01915 U.S.A.
(86) International Application No	:PCT/US2014/026587	(72)Name of Inventor :
Filing Date	:13/03/2014	1)NASSAR Roger A.
(87) International Publication No	:WO 2014/151865	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : METHODS AND MATERIALS FOR DETECTION OF BIOLOGICALS

(57) Abstract :

Methods of detecting biologicals in samples is provided herein. The detection is based on the formation of aggregates. The disclosed compositions include labeling particles and/or aggregating particles. The labeling particles and the aggregating particles may each include a receptor bound to the particle. The receptor can be either directly attached to the particle or indirectly attached to the particle through a linker. One method of detection may be visual and another may include advanced quantification of the formed aggregates.

No. of Pages : 37 No. of Claims : 47

(19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

(51) International classification	:B65D5/02	(71)Name of Applicant :
(31) Priority Document No	:13502588	1)PACKSIZE LLC
(32) Priority Date	:04/03/2013	Address of Applicant :6440 S. Wasatch Blvd Salt Lake City
(33) Name of priority country	:Sweden	UT 84121 U.S.A.
(86) International Application No	:PCT/SE2014/050192	(72)Name of Inventor :
Filing Date	:18/02/2014	1)PETTERSSON Niklas
(87) International Publication No	:WO 2014/137267	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : A PACKAGING CONTAINER AND METHOD FOR ITS PRODUCTION

(57) Abstract :

A packaging container is disclosed comprising at least three integrally connected panels forming bottom (4) and adjoining sides (5 6) in a rectangular container which is erected from a singular sheet of board (1); at least one end of the container being recessed by an end panel (8) which is arranged retracted inside a reinforced end zone the reinforced end zone comprising strips (17 18 19) of side and bottom panel material folded back onto the bottom and side panels wherein the end panel (8) is via a transverse bottom crease line (9) jointed to the folded back strip (19) of the bottom panel the end panel (8) in each of its sides comprising an end panel flap (15 16) respectively the end panel flaps jointed to the end panel (8) via crease lines each end panel flap (15 16) co extending in parallelism with an adjacent side panel (5 6) in the container. A tongue (20 21) is associated with the end panel (8) to extend inserted between the side panel (5 6) and the appertaining strip (17 18) in the side of the container.

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

(19) INDIA

(22) Date of filing of Application :29/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : MULTI -STEP SEPARATION PROCESS		
	:B01D15/18,C11B7/00,A23D9/04 :1300354.6 :09/01/2013 :U.K. :PCT/GB2014/050054 :09/01/2014 :WO 2014/108686 :NA :NA :NA	
Number Filing Date	:NA	

(57) Abstract :

The present invention provides a chromatographic separation process for recovering a polyunsaturated fatty acid (PUFA) product from a feed mixture , which comprises: (a) purifying the feed mixture in a first chromatographic separation step using as eluent a mixture of water and a first organic solvent, to obtain an intermediate product; and (b) purifying the intermediate product in a second chromatographic separation step using as eluent a mixture of water and a second organic solvent, to obtain the PUFA product , wherein the second organic solvent is different from the first organic solvent and has a polarity index which differs from the polarity index of the first organic solvent by between 0.1 and 2.0 , wherein the PUFA product is other than alpha -linolenic acid (ALA) , gamma -linolenic acid (GLA), linoleic acid , an ALA mono - di , or triglyceride a GLA mono- di - or triglyceride , a linoleic acid mono , di - or triglyceride , an ALA Ci- C4 alkyl ester , a GLA C1- C4 alkyl ester or a linoleic acid C C or a mixture thereof.

No. of Pages : 89 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : MICROBICIDALLY ACTIVE IMIDAZOPYRIDINE DERIVATIVES

 (51) International classification (31) Priority Document Not (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 	:15/03/2013 :EPO :PCT/EP2014/055292 :17/03/2014 :WO 2014/140365	 (71)Name of Applicant : 1)SYNGENTA PARTICIPATIONS AG Address of Applicant :Schwarzwaldallee 215 CH 4058 Basel Switzerland (72)Name of Inventor : 1)NEBEL Kurt 2)POULIOT Martin
Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention provides compounds of formula (I) wherein Y Y G V V V and V are as defined in the claims. The invention further relates to compositions which comprise these compounds and to their use in agriculture or horticulture for controlling or preventing infestation of plants by phytopathogenic microorganisms preferably fungi.

No. of Pages : 108 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : FLOWCELL SHEATH FLUID AND AUTOFOCUS SYSTEMS AND METHODS FOR PARTICLE ANALYSIS IN URINE SAMPLES

 (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 	:G01N15/14,G01N21/05,G01N15/00 :61/799014 :15/03/2013 :U.S.A. :PCT/US2014/030940 :18/03/2014 :WO 2014/146062 :NA :NA :NA :NA	 (71)Name of Applicant : IRIS INTERNATIONAL INC. Address of Applicant :9172 Eton Avenue Chatsworth California 91311 U.S.A. (72)Name of Inventor : WANDERS Bart J. CHAPOULAUD Eric JORDAN Brett
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(57) Abstract :

The present disclosure relates to apparatus systems compositions and methods for analyzing a sample containing particles. A particle imaging system or analyzer can include a flowcell through which a urine sample containing particles is caused to flow and a high optical resolution imaging device which captures images for image analysis. A contrast pattern for autofocusing is provided on the flowcell. The image processor assesses focus accuracy from pixel data contrast. A positioning motor moves the microscope and/or flowcell along the optical axis for autofocusing on the contrast pattern target. The processor then displaces microscope and flowcell by a known distance between the contrast pattern and the sample stream thus focusing on the sample stream. Cell or particle images are collected from that position until autofocus is reinitiated periodically by input signal or when detecting temperature changes or focus inaccuracy in the image data.

No. of Pages : 188 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : SHEATH FLUID SYSTEMS AND METHODS FOR PARTICLE ANALYSIS IN BLOOD SAMPLES

 (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 	:G01N15/14,G01N15/00 :61/799152 :15/03/2013 :U.S.A. :PCT/US2014/030850 :17/03/2014 :WO 2014/145983 :NA :NA :NA :NA	 (71)Name of Applicant : 1)IRIS INTERNATIONAL INC. Address of Applicant :9172 Eton Avenue Chatworth California 91311 U.S.A. (72)Name of Inventor : 1)FARRELL Gregory A. 2)WANDERS Bart J. 3)ADAMS Thomas H. 4)GRONER Warren 5)ZHAO Xiaodong
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(57) Abstract :

Aspects and embodiments of the instant disclosure provide a particle and/or intracellular organelle alignment agent for a particle analyzer used to analyze particles contained in a sample. An exemplary particle and/or intracellular organelle alignment agent includes an aqueous solution a viscosity modifier and/or a buffer.

No. of Pages : 104 No. of Claims : 29

(19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : DYNAMIC RANGE EXTENSION SYSTEMS AND METHODS FOR PARTICLE ANALYSIS IN BLOOD SAMPLES

 (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 	:G01N15/14,G01N15/10 :61/799152 :15/03/2013 :U.S.A. :PCT/US2014/030939 :18/03/2014 :WO 2014/146061 :NA :NA :NA :NA	 (71)Name of Applicant : 1)IRIS INTERNATIONAL INC. Address of Applicant :9172 Eton Avenue Chatsworth California 91311 U.S.A. (72)Name of Inventor : 1)ADAMS Thomas H. 2)WANDERS Bart J. 3)ROCHE John 4)KASDAN Harvey L.
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(57) Abstract :

For analyzing a sample containing particles of at least two categories such as a sample containing blood cells a particle counter subject to a detection limit is coupled with an analyzer capable of discerning particle number ratios such as a visual analyzer and a processor. A first category of particles can be present beyond detection range limits while a second category of particles is present within respective detection range limits. The concentration of the second category of particles is determined by the particle counter. A ratio of counts of the first category to the second category is determined on the analyzer. The concentration of particles in the first category is calculated on the processor based on the ratio and the count or concentration of particles in the second category.

No. of Pages : 102 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR PRODUCING SINGLE RING AROMATIC HYDROCARBONS

(51) International classification	n:C10G11/05,B01J29/40,B01J29/70	(71)Name of Applicant :
(31) Priority Document No	:2013032335	1) JX NIPPON OIL & ENERGY CORPORATION
(32) Priority Date	:21/02/2013	Address of Applicant :6 3 Otemachi 2 chome Chiyoda ku
(33) Name of priority country	:Japan	Tokyo 1008162 Japan
(86) International Application No Filing Date	:PCT/JP2014/054178 :21/02/2014	(72)Name of Inventor :1)IWASA Yasuyuki2)YANAGAWA Shinichiro
(87) International Publication No	:WO 2014/129585	3)KOBAYASHI Masahide
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This method for producing single ring aromatic hydrocarbons has a decomposition reformation reaction step for filling a fixed bed reactor with a single ring aromatic hydrocarbon production catalyst containing a crystalline aluminosilicate heat treated in an atmosphere containing water vapor in advance ensuring contact with a raw oil having a 10 vol% distillation temperature of 140°C or greater and a 90 vol% distillation temperature of 390°C or less and conducting a reaction to obtain a C6 C8 single ring aromatic hydrocarbon.

No. of Pages : 71 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : TETRAVALENT BISPECIFIC ANTIBODIES (51) International (71)Name of Applicant : :C07K16/28,C07K16/32,C07K16/46 classification **1)MERCK PATENT GMBH** (31) Priority Document No :61/793153 Address of Applicant : Frankfurter Strasse 250 64293 Darmstadt Germany (32) Priority Date :15/03/2013 (33) Name of priority country:U.S.A. (72)Name of Inventor : 1)LO Kin Ming (86) International :PCT/US2014/028731 Application No 2)ZIZLSPERGER Nora A.E. :14/03/2014 Filing Date (87) International Publication :WO 2014/144357 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to :NA Application Number :NA Filing Date

(57) Abstract :

The present invention relates to tetravalent bispecific antibodies (TetBiAbs) methods of making and methods of using the same for diagnostics and for the treatment of cancer or immune disorders. TetBiAbs feature a second pair of Fab fragments with a second antigen specificity attached to the C terminus of an antibody thus providing a molecule that is bivalent for each of the two antigen specificities. The tetravalent antibody is produced by genetic engineering methods by linking an antibody heavy chain covalently to a Fab light chain which associates with its cognate co expressed Fab heavy chain.

No. of Pages : 200 No. of Claims : 43

(19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : THERMOSTATIC CARTRIDGE FOR CONTROLLING HOT AND COLD FLUIDS TO BE MIXED (51) International classification :G05D23/13 (71)Name of Applicant : (31) Priority Document No :1352064 **1)VERNET** (32) Priority Date Address of Applicant :21/27 Route dArpajon F 91340 :07/03/2013 (33) Name of priority country :France Ollainville France (86) International Application No :PCT/EP2014/054305 (72)Name of Inventor : Filing Date :06/03/2014 **1)DRABER Matthieu** (87) International Publication No :WO 2014/135614 2)DA SILVA William (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

This cartridge comprises a base (10) a fixed insert (20) a temperature control spool (30) for controlling the temperature of the mixture of hot and cold fluids and a thermostatic element that moves the spool along an axis. The base delimits both an outlet opening (16) for the mixture an inlet opening (14) for the cold fluid that supplies via a first distribution channel (F4) for distributing the cold fluid around the spool a passage (F3) delimited axially between the spool and the base and an inlet opening (15) for the hot fluid that supplies via a second distribution channel (C4) for distributing the hot fluid around the spool a passage (C3) delimited axially between the spool and the insert. In order for the base to be simple and economical to produce while promoting the flow of high fluid flow rates through same the invention proposes closing axially towards the outlet opening the first distribution channel by means of the spool and the second distribution channel by means of the insert.

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

(19) INDIA

(22) Date of filing of Application :26/08/2015

:NA

(43) Publication Date : 22/01/2016

(54) Title of the invention : CLUSTER BASED COMMUNICATION (51) International (71)Name of Applicant : :H04W8/20,H04W8/26,H04W84/04 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) classification :13159502.7 (31) Priority Document No Address of Applicant :SE 164 83 Stockholm Sweden (32) Priority Date :15/03/2013 (72)Name of Inventor : 1)WANG Hongwei (33) Name of priority country :EPO (86) International Application :PCT/EP2014/055075 2)BELLESCHI Marco No **3)WILHELMSSON Leif** :14/03/2014 Filing Date (87) International Publication :WO 2014/140255 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA

(57) Abstract :

Filing Date

Number

A method of a wireless communication device comprised in a cluster of devices is disclosed. The devices of the cluster are associable with a cluster subscription identifier of a subscription providing communication between a network node and the cluster (based on a single identifier associated with the cluster) when one or more of the devices are in a cluster communication mode. The wireless communication device may have one of a cluster communication gateway role and a cluster internal communication role. The cluster communication gateway role comprises transmitting a cluster communication beacon signal maintaining a communication link to the network node and maintaining peer to peer communication links to the other devices of the cluster. The cluster internal communication role comprises maintaining at least a peer to peer communication link to a specific device having the cluster communication gateway role. A received signal is scanned for a beacon signal and (if the beacon signal is found) it is determined based on the cluster subscription identifier whether the beacon signal is associated with the subscription. If the beacon signal is associated with the subscription the identity of the specific device is determined based on the beacon signal a cluster communication attach request is transmitted to the specific device and a cluster communication attach response is received from the specific device. If the cluster communication attach response comprises to the cluster communication role.

No. of Pages: 45 No. of Claims: 17

(21) Application No.5564/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

(51) International classification	:C07K14/435,C12N15/82	(71)Name of Applicant :
(31) Priority Document No	:13154940.4	1)FRAUNHOFER -GESELLSCHAFT ZUR F-RDERUNG
(32) Priority Date	:12/02/2013	DER ANGEWANDTEN FORSCHUNG E.V.
(33) Name of priority country	:EPO	Address of Applicant :Hansastrae 27c, 80686 Munich
(86) International Application No	:PCT/EP2014/051345	Germany
Filing Date	:23/01/2014	(72)Name of Inventor :
(87) International Publication No	:WO 2014/124786	1)VILCINSKAS, Andreas
(61) Patent of Addition to Application	:NA	2)P–PPEL, Anne- Kathrin
Number	:NA	3)WIESNER ,Jochen
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : POLYPEPTIDES AGAINST PLANT PATHOGENIC FUNGI

(57) Abstract :

The present invention discloses polypeptides comprising an amino acid sequence being identical with at least 12 contiguous amino acid residues of SEQ ID No. 2. The polypeptides according to the invention are effective against fungi, especially against fungi causing plant diseases, and against fungi colonizing agricultural products. The invention further discloses processes for preparing such polypeptides, and nucleic acids coding for such polypeptides. In addition, the invention 10 relates to processes and preparations for treating plants using the polypeptides according to the invention, and to the use of the nucleic acids according to the invention for producing crops that are protected against damage from fungi.

No. of Pages : 41 No. of Claims : 16

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

A01K23/00	(71)Name of Applicant :
2012272362	1)UNI- CHARM CORPORATION
13/12/2012	Address of Applicant :182, Shimobun, Kinsei -cho,
Japan	Shikokuchuo -shi, Ehime 7990111 Japan
PCT/JP2013/080951	(72)Name of Inventor :
15/11/2013	1)KOMATSUBARA Daisuke
WO 2014/091871	
NA	
NA	
NA	
NA	
	012272362 3/12/2012 apan PCT/JP2013/080951 5/11/2013 WO 2014/091871 VA NA

(54) Title of the invention : DISPOSABLE DIAPER FOR PETS

(57) Abstract :

[Problem] T o provide a disposable diaper lor pets that fits well around the legs of the pet. [Solution] A disposable diaper for pets, characterized by a shortest straight line point (300P) being further on a stomach- side waist area (110) side than a diaper center point (100P), and comprising: a rear-side waist area (130); a stomach-side waist area (110); a crotch area (120); a flap section (150) provided in the stomach- side waist area (130) and having an end section in the rear-side direction (130); a diaper longitudinal direction center line (100Y2); the diaper center point (100P); a tail insertion opening (190); an absorbent core (200); an attachment section (300) arranged in the flap section (150); an attachment section intermediate point (300P);an attachment area (900) that receives the attachment section (300); and the shortest straight line point (300P2) being a point on the diaper longitudinal direction center line at the shortest direct distance, via a rear-side end section (150B) of the flap section (150,) in a straight line from the attachment section center point (300P) to the diaper longitudinal direction center line (100Y2).

No. of Pages : 77 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : DIFFERENTIATION OF HUMAN EMBRYONIC STEM CELLS INTO PANCREATIC ENDOCRINE **CELLS USING HB9 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 Filing Date 	:C12N5/071,C12N5/0735 :61/747672 :31/12/2012 :U.S.A. :PCT/US2013/075959 :18/12/2013 :WO 2014/105546 :NA :NA	 (71)Name of Applicant : 1)JANSSEN BIOTECH, INC. Address of Applicant :800/850 Ridgeview Drive, Horsham Pennsylvania 19044 U.S.A. (72)Name of Inventor : 1)REZANIA ,Alireza
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention provides methods to promote differentiation of pluripotent stem cells to pancreatic endoderm cells expressing PDX1, NKX6.1, and HB9. In particular, the methods encompass culturing Stage 4 to Stage 6 cells with a thyroid hormone (T3), an ALK5 inhibitor, or both.

No. of Pages : 75 No. of Claims : 55

(19) INDIA

(22) Date of filing of Application :27/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : BIOACTIVE BOTANICAL COMPOSITIONS AND USES THEREOF

 (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 	:PCT/EP2014/054514 :10/03/2014 :WO 2014/139903 :NA :NA	 (71)Name of Applicant : 1)AKZO NOBEL CHEMICALS INTERNATIONAL B.V. Address of Applicant :Stationsstraat 77 NL 3811 MH Amersfoort Netherlands (72)Name of Inventor : 1)KOGANOV Michael 2)ZHANG Li 3)DUEV Artyom
Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to a composition having enhanced anti inflammatory properties and to a method for inhibiting inflammation in biological tissue including but not limited to skin. Skin inflammation includes any undesirable effect produced in or on the surface of skin including but not limited to irritation redness swelling local temperature

elevation fissures desquamation itch pain sensitivity abrasion discoloration and bleeding or the like and combinations thereof. The invention demonstrates that certain plant fractions such as the serum fractions of (Recentia® CS) (Recentia® CL) and (Recentia® TP) can be effectively utilized in various products to inhibit inflammation of biological tissue including but not limited to skin. In one embodiment said plant fractions have not undergone any significant fermentation.

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

(22) Date of filing of Application :29/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : PRESS FORMING METHOD

(51) Intermeticanal alacsification	P21D10/09 P21D22/26	(71)Nama of Applicant
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:2013038314	1)JFE STEEL CORPORATION
(32) Priority Date	:28/02/2013	Address of Applicant :2 3 Uchisaiwai cho 2 chome Chiyoda
(33) Name of priority country	:Japan	ku Tokyo 1000011 Japan
(86) International Application No	:PCT/JP2013/085227	(72)Name of Inventor :
Filing Date	:27/12/2013	1)URABE Masaki
(87) International Publication No	:WO 2014/132545	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This press forming method forms a formed component provided with a top sheet section (5) which has a protruding outer edge (3) in which a portion of the outer edge protrudes outward and a flange section (7) which is formed by bending along the protruding outer edge (3) on the top sheet section (5), and involves: a first forming step for forming on a site on a blank material (9) where the flange section (7) is to be formed, an intermediate shape component (15) which includes a longitudinal wall section (11) serving as a portion of the flange section (7) and a valley -shaped section (13) folded outward from the longitudinal wall section (11) and concaved on the top sheet- side thereof; and a second forming step for forming the flange section by bending the site which includes the valley-shaped section (13) of the intermediate shape component (15) formed in the first forming step.

No. of Pages : 41 No. of Claims : 2

(19) INDIA

(22) Date of filing of Application :29/06/2015

15 (43) Publication Date : 22/01/2016

(54) Title of the invention : VALVE (51) International classification :F02M63/00 (71)Name of Applicant : (31) Priority Document No **1)CONTINENTAL AUTOMOTIVE GMBH** :10 2013 220 913.4 (32) Priority Date Address of Applicant : Vahrenwalder Strae 9 30165 Hannover :15/10/2013 (33) Name of priority country :Germany Germany (86) International Application No :PCT/EP2014/071687 (72)Name of Inventor : 1)KRGER Thomas Filing Date :09/10/2014 (87) International Publication No :WO 2015/055512 2)BLEECK Matthias (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A valve comprises: - a housing (101) which surrounds a fluid outlet (102), - a valve element (103) with a longitudinal axis (104), - a valve seat body (105) which surrounds a fluid inlet (106) and which has a sealing seat (107) such that the valve (100) is closed when the valve element (103) bears against the sealing seat (107) and which is coupled to the housing (101), wherein the valve element (103) is movable relative to the valve seat body (105) in the direction of the longitudinal axis (104) in order to enable a fluid flow from the fluid inlet (106) to the fluid outlet (102), the valve seat body (105) surrounds a guide surface (108) to which the valve element (103) is coupled in order to guide the movement of the valve element (103), and the valve seatbody (105) is formed from a harder material than the housing(101).

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

(19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : DISPOSABLE ABSORBENT REFASTENABLE ARTICLES COMPRISING FOLDED FASTENING TAB MEMBERS

 (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 	:PCT/US2014/028475 :14/03/2014 :WO 2014/144177 :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)LAVON Gary Dean 2)BARNHORST Jacob Alan
(62) Divisional to Application Number Filing Date	' :NA :NA	

(57) Abstract :

Absorbent articles of the disclosure may comprise first and second belt webs a folded fastening tab member comprising first and second fastening elements first and second landing zones and laterally opposing permanent side seams directly or refastenably joining the first and second belt webs. The fastening tab member may be joined to the first and second fastening elements. And the absorbent article may be packaged in refastenably closed form.

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

(19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : ELECTRIC LOCOMOTIVE CONTROL DEVICE AND ELECTRIC LOCOMOTIVE CONTROL METHOD

(57) Abstract :

To provide an electric locomotive control device capable of avoiding the degradation of service for passengers even when a power supply device for supplying power to a passenger car fails. [Solution] An electric locomotive control device (100) comprises: a plurality of first conversion devices (2a 3a |) for supplying power for controlling the driving motors (7a 8a |) of a passenger/freight car towing electric locomotive; a plurality of second conversion devices (6a 6b) for each supplying power for a passenger car; a power conversion circuit (21) for converting the power of a specific first conversion device to the power for the passenger car through an insulating transformer (24); and a control unit (30) for when one of the second conversion devices fails performing control so that one of the first conversion devices is separated from the driving motors connected to the power conversion circuit and used as a substitute.

No. of Pages : 30 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :26/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : RULES BASED DATA PROCESSING SYSTEM AND METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application N Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:09/12/2013 b :WO 2014/093198 :NA :NA	 (71)Name of Applicant : 1)DANIELSSON, Bjorn Address of Applicant :Lansmansvagen 163, S-192 70 Sollentuna Sweden 2)ORSI, Ryan, James 3)POILASNE, Gregory (72)Name of Inventor : 1)ORSI, Ryan, James 2)POILASNE, Gregory 3)NA
(62) Divisional to Application Number Filing Date	:NA :NA	5)INA

(57) Abstract :

Systems, methods and mediums are described for processing rules and associated bags of facts generated by an application in communication with a processing engine,database and rule engine that process the bags of facts in view of the rules and generate one or more rule-dependent responses to the application which performs one or more work flows based on the responses. The rule engine may apply forward-chaining, backward-chaining or a combination of forward-chaining and back ward-chaining to process the rules and facts. Numerous novel applications that work in conjunction with the processing engine, database and rule engine are also described.

No. of Pages : 98 No. of Claims : 28

(21) Application No.5682/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :26/06/2015

(43) Publication Date : 22/01/2016

(51) International classification	:H02S40/22	(71)Name of Applicant :
(31) Priority Document No	:61/740536	1)UNIVERSITY OF OTTAWA
(32) Priority Date	:21/12/2012	Address of Applicant :3042 800 King Edward Ottawa Ontario
(33) Name of priority country	:U.S.A.	K1N 6N5 Canada
(86) International Application No	:PCT/CA2013/051004	(72)Name of Inventor :
Filing Date	:20/12/2013	1)BEAL Richard
(87) International Publication No	:WO 2014/094177	
(61) Patent of Addition to Application		
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : CONCENTRATOR PHOTOVOLTAIC ASSEMBLY

(57) Abstract :

A concentrator photovoltaic module that has a secondary optical element that has alignment features that cooperate with alignment feature of a solar cell assembly to self- align the secondary optical element with the solar cell. The secondary optical element is secured directly to the backplate or to the solar cell assembly. The secondary optical element is spaced-apart from the solar cell, which avoids shear stress between the secondary optical element and the solar cell.

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

(22) Date of filing of Application :26/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR EVALUATION OF PRESENCE OF OR RISK OF COLON TUMORS

 (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 	:G01N33/574,C12Q1/00 :61/732024 :30/11/2012 :U.S.A. :PCT/US2013/072691 :02/12/2013 :WO 2014/085826 :NA :NA :NA :NA	 (71)Name of Applicant : 1)APPLIED PROTEOMICS INC. Address of Applicant :3545 John Hopkins Court Suite 150 San Diego CA 92121 U.S.A. (72)Name of Inventor : 1)BLUME John 2)BENZ Ryan 3)CRONER Lisa 4)DILLON Roslyn 5)RANDALL Arlo 6)JONES Jeffrey 7)SKOR Heather 8)STOCKFISCH Tom 9)WILCOX Bruce 10)RUDERMAN Daniel
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(57) Abstract :

The disclosed methods are used to predict or assess colon tumor status in a patient. They can be used to determine nature of tumor, recurrence, or patient response to treatments. Some embodiments of the methods include generating a report for clinical management. The methodology provided herein is intended to detect technical variations and to allow for data normalization and enhance signal detection and build predictive proteins profiles of disease status and response.

No. of Pages : 128 No. of Claims : 139

(19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : MULTISUBSTITUTED AROMATIC COMPOUNDS AS SERINE PROTEASE INHIBITORS

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	:PCT/US2014/030853 :17/03/2014 :WO 2014/145986 :NA	 (71)Name of Applicant : VERSEON CORPORATION Address of Applicant :48820 Kato Road Suite 100B Fremont CA 94538 U.S.A. (72)Name of Inventor : SHORT Kevin Michael PHAM Son Minh WILLIAMS David Charles KITA David Ben
Filing Date		

(57) Abstract :

There are provided inter alia multisubstituted aromatic compounds useful for the inhibition of kallikrein which compounds include substituted pyrazolyl or substituted triazolyl. There are additionally provided pharmaceutical compositions. There are additionally provided methods of treating and preventing certain diseases or disorders which disease or disorder is amenable to treatment or prevention by the inhibition of kallikrein.

No. of Pages : 122 No. of Claims : 92

(19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : CUSTOM PACKAGING CENTER AND PACKAGING FOR USE IN THE CUSTOM PACKAGING CENTER

(51) International classification	:A47F9/04	(71)Name of Applicant :
(31) Priority Document No	:61/766143	1)PROCESS4 INC.
(32) Priority Date	:19/02/2013	Address of Applicant :10 North Main Street Chagrin Falls
(33) Name of priority country	:U.S.A.	Ohio 44022 U.S.A.
(86) International Application No	:PCT/US2014/015193	(72)Name of Inventor :
Filing Date	:07/02/2014	1)TAYLOR Curtis
(87) International Publication No	:WO 2014/130262	2)MISENER Aaron
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

A custom packaging center for custom selecting and custom packaging canned and/or container goods and a novel box for use with the custom packaging center. The present invention is directed to a custom packaging center. The custom packaging center creates a customized package of a plurality of food items with a loading station a packaging station and an identification arrangement. The identification arrangement is designed to identify each of the food items that were loaded into the loading station to create an identification code.

No. of Pages : 51 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

· · ·		1
(51) International classification	:D06H5/00	(71)Name of Applicant :
(31) Priority Document No	:2824609	1)ASTENJOHNSON INC.
(32) Priority Date	:20/08/2013	Address of Applicant :4399 Corporate Road Charleston South
(33) Name of priority country	:Canada	Carolina 29405 U.S.A.
(86) International Application No	:PCT/CA2014/000641	(72)Name of Inventor :
Filing Date	:20/08/2014	1)MANNINEN Allan R.
(87) International Publication No	:WO 2015/024107	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.117A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : DOUBLE PIN SEAMING ELEMENT

(57) Abstract :

A seaming element for an industrial textile and methods of manufacture. The seaming element body is constructed from a single layer of polymeric film that is folded to provide a fold region and arms that comprise a first region and a further second region. The first region is bonded to surfaces of an edge region of the textile while the second region comprises a plurality of spaced apart aligned protrusions extending from the first region each protrusion comprising an interior space defined by an upper layer; a lower layer; and a loop at the fold region that connects the upper and lower layers. The interior space is divided into an outer securing region and an inner securing region by either a rib member placed between and bonded to an inner surface of at least one of the upper and lower layer or by bonding a portion of the upper layer with a portion of the lower layer at a constriction zone. The outer securing region is interdigitatable and alignable with the inner securing region is interdigitatable and alignable with the inner securing region is interdigitatable and alignable with the inner securing region is interdigitatable and alignable with the outer securing region of the corresponding second seaming element bonded to another region of the corresponding second seaming element to define a second channel. A securing element is placed in the two channels.

No. of Pages : 45 No. of Claims : 48

(19) INDIA

(22) Date of filing of Application :29/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : HETEROARYL COMPOUNDS USEFUL AS INHIBITORS OF E1 ACTIVATING ENZYMES

 (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 	:C07D213/82, :60/836,158 :08/08/2006 :U.S.A. :PCT/US2007/017463 :06/08/2007 :wo 2008/019124 :NA :NA :889/DELNP/2009 :06/02/2009	 (71)Name of Applicant : MILLENNIUM PHARMACEUTICALS, INC. Address of Applicant :40 Landsdowne Street, Cambridge, MA (2139, United States of America, U.S.A. (72)Name of Inventor : CHRISTOPHER F. CLAIBORNE STEPHEN CRITCHLEY STEVEN P.LANGSTON EDWARD J. OLHAVA STEPHANE PELUSO GABRIEL S. WEATHERHEAD STEPAN VYSKOCIL IRACHE VISIERS HIROTAKE MIZUTANI COURTNEY CULLIS
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(57) Abstract :

This invention relates to compounds that inhibit El activating enzymes, pharmaceutical compositions comprising the compounds, and methods of using the compounds. The compounds are useful for treating disorders, particularly cell proliferation disorders, including cancers, inflammatory and neurodegenerative disorders; and inflammation associated with infection and cachexia.

No. of Pages : 200 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : UNLOADING DEVICE

classification:B29C35/02,B29C35/02,B29L30/001)M(31) Priority Document No:NATECI(32) Priority Date:NAA(33) Name of priority country:NAKu Hi(86) International Application No:PCT/JP2014/051246 :22/01/20141)T	 1)Name of Applicant : 1)MITSUBISHI HEAVY INDUSTRIES MACHINERY 2CHNOLOGY CORPORATION Address of Applicant :6 22 Kan on Shin machi 4 chome Nishi Hiroshima shi Hiroshima 7338553 Japan 2)Name of Inventor : 1)TATEMI Hiroki 2)YUSA Keisuke
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(57) Abstract :

This unloading device is equipped with a pair of support bodies (5) for supporting a lateral surface of a vulcanized tire (W) which was vulcanized by a tire vulcanizer (2) from below in the vertical direction and a movement unit (6) for moving the support bodies (5). The movement unit (6) has: a horizontal movement mechanism (64) for moving the support bodies (5) in the horizontal direction from a position at which it is possible to retrieve the vulcanized tire (W) from the tire vulcanizer (2) to a position at which it is possible for a PCI device (3) for cooling the vulcanized tire (W) to hold the vulcanized tire (W); and a transport mechanism (66) for transporting the vulcanized tire (W) received from the PCI device (3) by the support bodies (5) to a discharge end (8).

No. of Pages : 59 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

:A61B17/3203	(71)Name of Applicant :
:61/764951	1)PROCEPT BIOROBOTICS CORPORATION
:14/02/2013	Address of Applicant :900 Island Drive Suite 101 Redwood
:U.S.A.	City CA 94065 U.S.A.
:PCT/US2014/016491	(72)Name of Inventor :
:14/02/2014	1)ALJURI Nikolai
:WO 2014/127242	2)MANTRI Surag
:NA	
:NA	
:NA	
	:61/764951 :14/02/2013 :U.S.A. :PCT/US2014/016491 :14/02/2014 :WO 2014/127242 :NA :NA :NA

(54) Title of the invention : AQUABLATION AQUABEAM EYE SURGERY METHODS AND APPARATUS

(57) Abstract :

A fluid jet is directed at tissue to erode tissue with a controlled amount of ablative energy of a jet. Embodiments as described herein can provide controlled removal of ocular tissue and can remove a pre defined volume having a pre determined shape for example. The accurate tissue removal as described herein can have many applications such as removal of the lens for cataract surgery to more completely remove the cortex and nucleus of the lens and to separate layers of the lens. The length of an ablation depth extending from an opening that releases the jet can be controlled and the angle and longitudinal position of the opening can be controlled together in order to ablate a pre determined volume of tissue having the surface profile.

No. of Pages : 142 No. of Claims : 131

(19) INDIA

(22) Date of filing of Application :27/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : UNDERWEAR STYLE DISPOSABLE WEARABLE ARTICLE

 (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 	:A61F13/15,A61F13/494,A61F13/496 :2013047405 :08/03/2013 :Japan :PCT/JP2014/053878 :19/02/2014 :WO 2014/136577 :NA :NA	 (71)Name of Applicant : UNICHARM CORPORATION Address of Applicant :182 Shimobun Kinsei cho Shikokuchuo shi Ehime 7990111 Japan (72)Name of Inventor : HASHIMOTO Tatsuya OKUBO Tetsuo
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

The provision of an underwear style disposable wearable article that has sufficiently large leg openings and can cover the wearer s buttocks without the edges of the leg openings folding inwards. A crotch panel (13) has the following: a liquid absorbing structure (11) laid out on a skin facing surface in a crotch region (16) at least; and a pair of elastic side flaps (53) that extend outwards in a horizontal direction (X) from both edges of the liquid absorbing structure (11). Said elastic side flaps (53) have the following: non elastic sections (57A) located outwards in the horizontal direction (X) of the edges of the liquid absorbing structure (11); and elastic sections (57B) located outwards in the horizontal direction (X) of the non elastic sections (57A). The width (W2) of the crotch panel (13) in the horizontal direction (X) is approximately 55 70% of the widths (W1) of front and rear waist regions (14 15) in the horizontal direction (X).

No. of Pages : 46 No. of Claims : 6

(22) Date of filing of Application :27/08/2015

(54) Title of the invention : PACKAGING BAG

(43) Publication Date : 22/01/2016

 (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 	:B65D30/08 :2013039976 :28/02/2013 :Japan :PCT/JP2014/053839 :19/02/2014 :WO 2014/132847 :NA	 (71)Name of Applicant : 1)KYORAKU CO.LTD. Address of Applicant :598 1 Tatsumae cho Nakadachiuri sagaru Karasumadori Kamigyo ku Kyoto shi Kyoto 6020912 Japan (72)Name of Inventor : 1)UESUGI Tomohiro 2)MATSUNAGA Shinji
	:NA :NA	2)MATSUNAGA Shinji
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided is a packaging bag which is capable of preventing contamination of a packaged article by the colorant included in a laminated film and also has high mechanical strength such as impact resistance and pinhole resistance. The packaging bag is formed by configuring into a bag form a multilayer film formed by overlapping a plurality of laminated films in multiple layers. The colorant is included in only one of the layers excluding the layer of laminated film which comes into contact with the packaged article. The multilayer laminated film is formed in double by for example flattening a cylindrical laminated film. The colorant is for example an inorganic pigment.

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

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

(51) International classification(31) Priority Document No(32) Priority Date	:B66B19/00,B66B5/18 :10 2012 111 778.0 :04/12/2012	 (71)Name of Applicant : 1)THYSSENKRUPP ELEVATOR AG Address of Applicant :ThyssenKrupp Allee 1, 45143 Essen
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2013/074872	(72)Name of Inventor :
Filing Date	:27/11/2013	1)REUTER, G¼nter
(87) International Publication No	:WO 2014/086639	2)SCHIFFNER, Gerhard
(61) Patent of Addition to Application	:NA	3)SCH-LLKOPF ,Karl -Otto
Number	:NA	4)WILTS, Herrmann
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : CABLE CLAMP , AND LIFT SYSTEM HAVING A CABLE CLAMP

(57) Abstract :

The invention relates to a cable clamp for a cable of a litt System, having a supporting device which has a wedge receptacle with a first supporting surface and a second supporting surface which is arranged at an angle from the first supporting surface, and having a wedge-shaped clamping device which can be moved to and fro in the wedge receptacle between a clamped Position and a released Position and has a first clamping surface which lies opposite the first supporting surface and a second clamping surface which lies opposite the second supporting surface, wherein the two clamping surfaces are oriented obliquely with respect to one another. In order to develop the cable clamp in such a way that it makes repeated clamping and releasing of the cable possible with a compact design, without the mechanical load-bearing capability of the cable being impaired appreciably as a result, it is proposed according to the invention that the cable clamp comprises a deflection device and a first clamping region which is arranged between the first clamping surface and the first supporting surface and a second clamping region which is arranged between the second clamping surface and the second supporting surface of the cable to be clamped can be guided through the two clamping regions and can be deflected by means of the deflecting device from the first clamping region to the second clamping region.

No. of Pages : 23 No. of Claims : 15

(21) Application No.5586/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

(51) International classification	:B29B9/10,B01J2/06	(71)Name of Applicant :
(31) Priority Document No	:61/737890	1)ROHM AND HAAS COMPANY
(32) Priority Date	:17/12/2012	Address of Applicant :100 Independence Mall West,
(33) Name of priority country	:U.S.A.	Philadelphia, PA 19106 U.S.A.
(86) International Application No	:PCT/US2013/072970	(72)Name of Inventor :
Filing Date	:04/12/2013	1)LIU, Yuanqin
(87) International Publication No	:WO 2014/099361	2)MARTIN ,Collin H.
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : METHOD OF PRODUCING MONOMER DROPLETS

(57) Abstract :

A method of producing monomer droplets dispersed in an aqueous medium is provided, comprising providing an apparat us comprising a metallic membrane having a plurality of holes; wherein a monomer phase is in contact with a first side of said membrane; wherein an aqueous medium is in contact with a second side of said membrane; wherein said aqueous medium comprises one or more surfactant; and conveying said monomer phase through said through holes into said second volume under conditions sufficient to form a plurality of monomer droplets; wherein a shear force is applied at a point of egression of the first volume into the second volume; wherein the direction of shear is substantially perpendicular to the direction of egression of the first volume. Also provided is a method of making polymer particles comprising producing monomer droplets and then polymerizing some or all of the monomer in said monomer droplets.

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

(19) INDIA

(22) Date of filing of Application :27/08/2015

(43) Publication Date : 22/01/2016

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:C25B11/00 :61/759777 :01/02/2013 :U.S.A. :PCT/US2014/014028	 (71)Name of Applicant : 1)ENCELL TECHNOLOGY INC. Address of Applicant :12887 Us Highway 441 Alachua FL 32615 8503 U.S.A. (72)Name of Inventor :
 (80) 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	 (72)Name of Inventor 1 1)OGG Randy 2)WELCH Craig Hinton 3)SEIDEL Alan P.
Filing Date	:NA	

(54) Title of the invention : COATED IRON ELECTRODE AND METHOD OF MAKING SAME

(57) Abstract :

Provided is an iron based electrode comprising a single layer of a conductive substrate coated on at least one side with a coating comprising an iron active material and a binder. The iron based electrode is useful in a Ni Fe battery as the anode. The electrode can also be prepared by continuously coating each side of the substrate with a coating mixture comprising the iron active material and binder.

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

(19) INDIA

(22) Date of filing of Application :27/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : PROCESS FOR FORMING A BATTERY CONTAINING AN IRON 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 Filing Date (62) Divisional to Application Number Filing Date 	:H01M10/44 :61/761312 :06/02/2013 :U.S.A. :PCT/US2014/015055 :06/02/2014 :WO 2014/124112 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ENCELL TECHNOLOGY INC. Address of Applicant :12887 US Highway 441 Alachua FL 32615 8503 U.S.A. (72)Name of Inventor : 1)OGG Randy Gene 2)GIFFORD Paul 3)BENNETT Phil
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(57) Abstract :

Provided is a process for activating a battery comprising an iron electrode. The process comprises providing a battery comprising a cathode and an iron anode. The battery further comprises an electrolyte comprising NaOH LiOH and a sulfide. The battery is then cycled to equalize the state of charge of the cathode and iron anode.

No. of Pages : 13 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :27/08/2015

(43) Publication Date : 22/01/2016

 (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 	:C08J9/12 :2013036347 :26/02/2013 :Japan :PCT/JP2014/054725 :26/02/2014 :WO 2014/133023 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ASAHI KASEI CONSTRUCTION MATERIALS CORPORATION Address of Applicant :1 105 Kanda Jinbocho Chiyoda ku Tokyo 1018101 Japan (72)Name of Inventor : 1)KURODA Takayuki 2)MIHORI Hisashi 3)KITAGAWA Takatoshi
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(54) Title of the invention : PHENOLIC RESIN FOAM BOARD AND METHOD FOR MANUFACTURING SAME

(57) Abstract :

The present invention provides a phenolic resin foam board which exhibits sufficient compressive strength and heat conductivity for practical use even when the thickness of the phenolic resin foam board is increased and which has superior dimensional stability compared with conventional products. The present invention is a phenolic resin foam board which has a board thickness of 40 to 300 mm inclusive. The phenolic resin foam board satisfies the formula 0 = (d d)/d = 0.12 where d represents the density of a n specimen among n (n = 5) pieces of specimens that are produced by slicing the phenolic resin foam board at almost equal intervals of 8 to 10 mm inclusive in the thickness direction from one main surface of the phenolic resin foam board along the main surface d represents the average density of the n pieces of specimens and d represents the lowest density among the densities of the n pieces of specimens. When values for D = (d+d)/2 are calculated [where i represents an integer of 1 to (n 1)] the D values are plotted in the order of the numerical values of i (where the horizontal axis indicates the i values and the vertical axis indicates D values) and points corresponding to the D values are connected to produce a density distribution curve there is no straight line that intersects the density distribution curve at four points and is parallel to the horizontal axis.

No. of Pages : 63 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :27/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : ACRYLIC GRAFTED POLYETHER RESINS BASED ON PHENOL STEARIC ACID AND COATING COMPOSITIONS FORMED THEREFROM

 (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 (62) Divisional to Application Number Filing Date 	:C08F283/06,C09D151/08,C08F283/10 :61/791964 :15/03/2013 :U.S.A. :PCT/EP2014/055048 :14/03/2014 :WO 2014/140234 :NA :NA :NA	 (71)Name of Applicant : 1)AKZO NOBEL COATINGS INTERNATIONAL B.V. Address of Applicant :Velperweg 76 NL 6824 BM Arnhem Netherlands 2)SI GROUP INC. (72)Name of Inventor : 1)CRAUN Gary Pierce 2)BODE Daniel 3)BANACH Timothy Edward 4)ROBIDEAU Gary Joseph 5)HOWARD Leigh Scott
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(57) Abstract :

Coating compositions can be prepared from an acrylic grafted polyether resin wherein the smallest difunctional hydroxyl phenyl segment used to form the acrylic grafted polyether resin has a molecular weight greater than about 500 and wherein the smallest difunctional hydroxyl phenyl segment used to form the acrylic grafted polyether resin does not comprise two or more non impaired hydroxyl groups attached to two or more different five membered or six membered carbon atom rings in a segment having a molecular weight less than about 500. The acrylic grafted polyether resin can be prepared by reacting a dihydroxyl compound and/or a diamine compound with a phenol stearic acid compound to produce a diphenol reacting the diphenol with a diglycidyl ether compound to form a polyether resin and mixing the polyether resin with an ethylenically unsaturated monomer component in the presence of an initiator to form the acrylic grafted polyether resin.

No. of Pages : 19 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :27/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : EMBEDDED SYSTEM FOR VIDEO PROCESSING WITH HARDWARE MEANS

(32) Priority Date:02/02/2013Act(33) Name of priority country:EPOGump(86) International Application:PCT/EP2014/051861:72)NNo:30/01/20141)SC	(I)NOVOMATIC AG Address of Applicant :Wiener Strasse 158 A 2352 Impoldskirchen Austria 2)Name of Inventor : I)SCHL–GL Thomas 2)ZIMMERL Martin
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(57) Abstract :

An embedded system for video processing comprises hardware means for providing the following functions: a) a server function wherein the server function is provided by virtue of the following functions being provided; a1) acceptance of at least one image data stream and at least one audio data stream; a2) compression of at least one of the image and audio data streams into a respective combined data stream; a3) output of at least one of the combined data streams via a protocol based network; b) a client function wherein the client function is provided by virtue of the following functions being provided: b1) acceptance of at least one combined data stream from the protocol based network; b2) decompression of the at least one combined data stream; b3) output of the decompressed image and audio data stream; c) wherein the hardware means are designed such that they c1) compress and decompress a continuous combined data stream c2) perform individual protection by means of a hardware serial number stored in the system and/or an individual enable code and c3) comprise enable code monitoring means that perform monitoring and matching of enable codes.

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

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : COMPOSITION FOR FIDUCIARY USE AND SECURITY DOCUMENT USING SAME

(31) Priority Document No:1262029(32) Priority Date:13/12/20(33) Name of priority country:France(86) International Application	012 2013/076560 013	 (71)Name of Applicant : 1)OBERTHUR FIDUCIAIRE SAS Address of Applicant :7 avenue Messine, F- 75008 Paris France (72)Name of Inventor : 1)DERMILLY ,Ella 2)E-L SAYED MOUSSA, Mahdi 3)LE -BOZEC ,Hubert 4)REAU ,Rgis 5)GILLOT ,Julien 6)BORDE, Xavier
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(57) Abstract :

The invention concerns a composition for fiduciary use. It is remarkable in that it comprises a printing matrix that is liquid or pasty before drying, preferably colourless, and a rversible mecanoluminescent compound having the following chemical formula A: Formula (A), in which: - Ar represente a monosubstituted polycyclic aromatic hydrocarbon resulting from the single or multiple fusion of n benz"ne rings, n being between 4 and 10, - n i is between 0 and 10, n2 is between 0 and 10, - n i and n2 not being simultaneously equal to 0, - Y is an organic or heteroorganic group, chosen in particular from the cyano, trifluoromethyl, formyl, ester, nitro, halogen, sulfoxide, sulfonyl, tricyanoethenyl, ammonium and phosphonium groups.

No. of Pages : 49 No. of Claims : 27

(21) Application No.5599/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

 (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 	:B64C29/02,B64C39/12 :13/708612 :07/12/2012 :U.S.A. :PCT/US2013/071531 :22/11/2013 :WO 2014/120331	 (71)Name of Applicant : 1)DELOREAN AEROSPACE, LLC Address of Applicant :2779 Amberly Road, Bloomfield Hills, MI 48301 U.S.A. (72)Name of Inventor : 1)DELOREAN, Paul ,J.
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(54) Title of the invention : VERTICAL TAKEOFF AND LANDING AIRCRAFT

(57) Abstract :

The disclosure generally pertains to a vertical take-off and landing (VTOL) aircraft comprising a fuselage and at least one fixed wing. The aircraft may include at least two powered rotors located generally along a longitudinal axis of the fuselage. The rotor units may be coupled to the fuselage via a rotating chassis, which allows the rotors to provide directed thrust by movement of the rotor units about at least one axis. By moving the rotor units, the aircraft can transition from a hover mode to a transition mode and then to a forward flight mode and back.

No. of Pages : 74 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :27/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : COMPOSITION AND METHOD OF PRODUCING PERSONAL CARE COMPOSITIONS WITH IMPROVED DEPOSITION PROPERTIES

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A61Q5/00,A61K8/73,A61Q19/00 :13/833330 :15/03/2013 :U.S.A.	 (71)Name of Applicant : 1)HERCULES INCORPORATED Address of Applicant :500 Hercules Road Wilmington DE 19808 U.S.A.
 (86) International Application No Filing Date (87) International Publication No 	:PCT/US2013/031974 :15/03/2013 :WO 2014/149019	 (72)Name of Inventor : 1)HURKENS Stephen Hugo 2)KROON Gijsbert 3)LE PHAM Thi Hong Lan
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

The presently disclosed and/or claimed inventive concept(s) relates generally to the use of nonionic hydrophobically modified polysaccharides in personal care and household care compositions. More specifically but not by way of limitation the presently disclosed and/or claimed inventive concept(s) relates to the use of hydrophobically modified cellulose ethers such as hydrophobically modified hydroxyethylcellulose (HMHEC) polymers in personal care and household care compositions. These compositions show pronounced syneresis in aqueous solutions or in the presence of surfactants including nonionic surfactants and anionic surfactants such as lauryl sulfate (LS) and lauryl ether sulfate (LES). It is also contemplated that the surfactants used in the compositions be sulfate free and/or multi tailed.

No. of Pages : 62 No. of Claims : 44

(19) INDIA

(22) Date of filing of Application :27/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : CUSTOMIZED PATIENT SPECIFIC REVISION SURGICAL INSTRUMENTS AND METHOD

(51) International classification	:A61B17/15,A61B17/17,A61B19/00	(71)Name of Applicant : 1)DEPUY SYNTHES PRODUCTS INC.
(31) Priority Document No	:13/793407	Address of Applicant :325 Paramount Drive Raynham
(32) Priority Date	:11/03/2013	Massachusetts 02767 0350 U.S.A.
(33) Name of priority country	/:U.S.A.	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/US2014/018004 :24/02/2014	1)ARAM Luke J. 2)LUBENSKY Janelle M. 3)CHANEY Rebecca L.
(87) International Publication No	:WO 2014/163845	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A surgical instrument including a customized patient specific guide block (400) is disclosed. The customized patient specific guide block includes a first surface (408) a bone facing surface (410) a second surface (406) positioned opposite the first surface and the bone facing surface and a guide pin hole (432) extending between the second surface and the bone facing surface. The first surface has a customized prosthesis specific negative contour shaped to match a corresponding contour of a prosthetic component and the customized prosthesis specific negative contour includes a concave surface shaped to match a convex surface of the corresponding contour of the prosthetic component. A method of performing an orthopaedic surgical procedure is also disclosed.

No. of Pages : 110 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :27/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : FLOATING DUAL ANEMOMETER MAST AND DOPPLER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:G01P5/02,G01P5/26,G01S17/95 :20130100146 :12/03/2013 :Greece :PCT/GR2014/000015 :07/03/2014	 (71)Name of Applicant : 1)PEPPAS Antonios Address of Applicant :43 Sinopis Str. GR 115 27 Athens Greece (72)Name of Inventor : 1)PEPPAS Antonios
Filing Date (87) International Publication N (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application	:NA :NA	
Number Filing Date	:NA :NA	

(57) Abstract :

A device of a dual floating anemometer comprised of a mast (1) support arms for instruments (2) purlins (3) a central buoy (4) connecting beams (5) the edge floaters (6) the buoy hoop (7) the buoy anchorage connector (8) anchorage hoop (9) anchorage (10) wind measuring instruments A (11) the connector beam of the anemometer base B (12) the wind instrument base B (13) wind measuring instruments B (14) the anchorages of the edge floaters (15) the connections of the anchorages of the edge floaters with the edge floaters (16) and the connector hoops of the anchorages with the edge floaters (17) which can be placed in shallow or big water depths and can simultaneously measure the characteristic wind parameters using both common anemometers and Doppler anemometers so that the measurements of the wind potential (velocity direction turbulence) are extended to a higher altitude than the altitude of the mast which bears the cup anemometers because of the combinatorial action.

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

(19) INDIA

(22) Date of filing of Application :29/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : PLANTS HAVING ENHANCED YIELD RELATED TRAITS AND METHOD FOR MAKING THEREOF

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A01H1/00,A01H5/00,C12N15/82 :61/748132 :02/01/2013 :U.S.A.	 (71)Name of Applicant : 1)BASF PLANT SCIENCE COMPANY GMBH Address of Applicant :67056 Ludwigshafen Germany 2)UNIVERSITEIT GENT
 (86) International Application No Filing Date (87) International Publication No 	:PCT/IB2013/061092 :18/12/2013 :WO 2014/106789	3)VIB VZW (72)Name of Inventor : 1)REUZEAU Christophe
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

Plants having enhanced yield-related traits and a method for making the same The present invention relates generally to the field of molecular biology and concerns a method for enhancing various economically important yield-related traits in plants.More specifically, the present invention concerns a method for enhancing yield-related traits in plants by modulating expression in a plant of an isolated nucleic acid encoding a Growth related protein(GRP).The present invention also concerns plants having modulated expression of an isolated nucleic acid encoding a GRP, which plants have enhanced yield- related traits compared with control plants. The invention also provides hitherto unknown isolated GRP-encoding nucleic acids, and constructs comprising the same,useful in performing the methods of the invention.

No. of Pages : 85 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :27/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND FACILITY FOR TRANSFORMING A LIQUID STATE METAL INTO A SOLID STATE METAL

(51) International classification	:B22F9/06,B22F9/08	(71)Name of Applicant :
(31) Priority Document No	:1352004	1)FAI PRODUCTION
(32) Priority Date	:06/03/2013	Address of Applicant :49 rue Jean Jaur s F 38420 Domene
(33) Name of priority country	:France	France
(86) International Application No	:PCT/EP2014/054096	(72)Name of Inventor :
Filing Date	:03/03/2014	1)ROCHE Christian
(87) International Publication No	:WO 2014/135501	2)TRAUB Arthur
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and facility for transforming a liquid state metal into a fragmented solid state metal. The liquid state metal is poured onto an upstream portion of a receiving surface (7) of a first cooled vibrating table (4). The metal falls from the downstream end of the first table onto an upstream portion of a receiving surface (17) of a second cooled vibrating table (5). The fragmented and solidified metal is discharged to the downstream end of the receiving surface of this second table. A rotary fragmentation roller (102) can be positioned above one table. The tables comprise an upstream area (7) for cooling by a liquid gas emulsion and a downstream area (17) for cooling by a liquid.

No. of Pages : 34 No. of Claims : 29

(21) Application No.7691/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : TREATMENT OF ALKALI SILICA GEL AND ALKALI POROUS METAL OXIDE COMPOSITIONS

(57) Abstract :

A method for treating Group 1 metal/silica gel compositions that are pyrophoric is provided to convert them into Group 1 metal/silica gel compositions that are no longer pyrophoric. A method for treating Group 1 metal/porous metal oxide compositions that are pyrophoric is provided to convert them into Group 1 metal/porous metal oxide compositions that are no longer pyrophoric. The pyrophoric Group 1 metal/silica gel composition or the pyrophoric Group 1 metal/porous metal oxide composition is treated with a low amount of dry oxygen or low concentration of dry oxygen mixture to convert them into compositions that are no longer pyrophoric or reactive with dry oxygen or air.

No. of Pages : 22 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :27/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : POLYMER RESINS WITH IMPROVED PROCESSABILITY AND MELT FRACTURE **CHARACTERISTICS**

 (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 	:C08F210/16,C08F4/6592,C08L23/08 :13/778693 :27/02/2013 :U.S.A. :PCT/US2014/018243 :25/02/2014 :WO 2014/134015 :NA :NA	 (71)Name of Applicant : 1)CHEVRON PHILLIPS CHEMICAL COMPANY LP Address of Applicant :10001 Six Pines Drive The Woodlands Texas 77380 U.S.A. (72)Name of Inventor : 1)INN Yongwoo 2)YANG Qing
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A metallocene catalyzed polymer comprising (i) a higher molecular weight component and (ii) a lower molecular weight component wherein the polymer has a polydispersity index of from about 10 to about 26; a zero shear viscosity of from about 5x10 Pa.s to about 2x10 Pa.s and a smooth to matte transition critical stress of from about 20 kPa to about 85 kPa at a shear rate of from about 1.5 s to about 17 s. A dual metallocene catalyzed polyethylene comprising (i) a higher molecular weight component and (ii) a lower molecular weight component wherein the polymer has a polydispersity index of from about 10 to about 26; a zero shear viscosity of from about 5x10 Pa.s to about 2x10 Pa.s and a smooth to matte transition stress of from about 20 kPa to about 85 kPa at a shear rate of from about 1.5 sto about 17 s.

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

(22) Date of filing of Application :27/08/2015

(51) International classification	:A61B17/068	(71)Name of Applicant :
(31) Priority Document No	:61/782866	1)ETHICON ENDO SURGERY INC.
(32) Priority Date	:14/03/2013	Address of Applicant :4545 Creek Road Cincinnati Ohio
(33) Name of priority country	:U.S.A.	45242 U.S.A.
(86) International Application No	:PCT/US2014/022418	(72)Name of Inventor :
Filing Date	:10/03/2014	1)LEIMBACH Richard L.
(87) International Publication No	:WO 2014/159183	2)OVERMYER Mark D.
(61) Patent of Addition to Application	:NA	3)ADAMS Shane R.
Number	:NA :NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : CONTROL SYSTEMS FOR SURGICAL INSTRUMENTS

(57) Abstract :

A surgical instrument can comprise: a power circuit comprising a power source and a switch a microcontroller (7004) coupled to the power circuit a handle comprising an attachment portion (4000) and a control circuit in signal communication with the microcontroller. The attachment portion can comprise a first electrical contact (4001b) in signal communication with the microcontroller. The control circuit can comprise a sensor (4002) configured to detect an attachment state of the attachment portion. The control circuit can communicate the detected attachment state to the microcontroller and the microcontroller can ignore signals from the first electrical contact (4001a) coupled to a second power circuit and the second power circuit can decouple the second electrical contact and the second power source when the sensor detects the detached state.

No. of Pages : 322 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :27/08/2015

(43) Publication Date : 22/01/2016

	(54) Title of the invention : SOUR GAS RESISTANT COATING		
(32) Priority Date:10/04/2013(33) Name of priority country <td:u.s.a.< td="">M(86) International Application No:PCT/US2014/033655Filing Date:10/04/2014(87) International Publication No:WO 2014/169125(61) Patent of Addition to Application:NA</td:u.s.a.<>	 71)Name of Applicant : 1)VALSPAR SOURCING INC Address of Applicant :901 3rd Ave South PO Box 1461 Minneapolis MN 55440 U.S.A. 72)Name of Inventor : 1)DECKER Owen H. 2)ODELL George William 3)KIRBY Kurt A. 4)HE Lingyun 		

(57) Abstract :

Coating compositions that include one or more epoxy resin compositions one or more metal containing compound and one or more curing agents are described. The compositions can be applied to steel substrates including steel substrates such as steel pipe to resist attack by sour gas. When applied to a substrate and cured these coating compositions demonstrate reduced permeability to hydrogen sulfide.

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

(19) INDIA

(22) Date of filing of Application :27/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : DRILL BIT WITH EXTENSION ELEMENTS IN HYDRAULIC COMMUNICATIONS TO ADJUST LOADS THEREON

 (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 	:E21B10/43,E21B10/573 :13/796494 :12/03/2013 :U.S.A. :PCT/US2014/024469 :12/03/2014 :WO 2014/165120 :NA :NA :NA :NA	 (71)Name of Applicant : 1)BAKER HUGHES INCORPORATED Address of Applicant :P.O. Box 4740 Houston TX 77210 4740 U.S.A. (72)Name of Inventor : 1)BILEN Juan Miguel
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(57) Abstract :

In one aspect a drill bit is disclosed that in one embodiment includes a plurality of elements that extend and retract from a surface of the drill bit wherein the plurality of such elements are in fluid communication with each other to compensate for differing forces applied to such elements during drilling operations. In another aspect a method of drilling a wellbore is provided that in one embodiment includes: conveying a drill string having a drill bit at an end thereof wherein the drill bit includes a plurality of elements that extend and retract from a surface of the drill bit wherein the plurality of such elements are in fluid communication with each other to compensate for differing forces applied to such elements during drilling operations; and drilling the wellbore using the drill string.

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

(19) INDIA

(22) Date of filing of Application :27/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : SENSOR ARRANGEMENTS FOR ABSOLUTE POSITIONING SYSTEM FOR SURGICAL INSTRUMENTS

(32) Priority Date	:A61B19/00,A61B17/00,A61B17/29 :13/803210 :14/03/2013	 (71)Name of Applicant : 1)ETHICON ENDO SURGERY INC. Address of Applicant :4545 Creek Road Cincinnati Ohio 45242 U.S.A.
 (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:PCT/US2014/020652 :05/03/2014	 (72)Name of Inventor : 1)LEIMBACH Richard L. 2)OVERMYER Mark D. 3)SWENSGARD Brett E. 4)ADAMS Shane R.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A surgical instrument is disclosed. The surgical instrument may include an absolute position sensor system (7000). The absolute position sensor system includes a sensor element (7026) operatively coupled to a movable drive member (7104) of the surgical instrument. A position sensor (7012) is operably coupled to the sensor element and is configured to sense the absolute position of the sensor element.

No. of Pages : 332 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :27/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : PROPYLENE/BUTENE INTERPOLYMER PRODUCTION SYSTEM AND METHOD (51) International classification :C08F2/34,C08F210/04 (71) Name of Applicant : 10W P. CPACE & CO. CONN

(31) Priority Document No	:61/781459	1)W. R. GRACE & CO. CONN.
(32) Priority Date	:14/03/2013	Address of Applicant :7500 Grace Drive Columbia Maryland
(33) Name of priority country	:U.S.A.	21044 U.S.A.
(86) International Application No	:PCT/US2014/025493	(72)Name of Inventor :
Filing Date	:13/03/2014	1)PETERSON Sharon E.
(87) International Publication No	:WO 2014/159942	2)BLOOD Mark W.
(61) Patent of Addition to Application	:NA	3)DUNCAN Theodore
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract		

(57) Abstract :

The present disclosure provides a process. In an embodiment the process includes producing a propylene based polymer in a gas phase polymerization reactor (10) under polymerization conditions. The polymerization conditions include a combined propylene plus propane partial pressure from 290 psia to 450 psia. The process further includes maintaining the combined propylene plus propane partial pressure in the range from 290 psia to 450 psia while simultaneously: (i) reducing propylene partial pressure in the gas phase polymerization reactor; (ii) adding propane to the gas phase polymerization reactor; (iii) introducing at least one C4 C10 comonomer into the gas phase polymerization reactor (26); and forming a propylene/C4 C10 interpolymer in the gas phase polymerization reactor (44).

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

(19) INDIA

(22) Date of filing of Application :25/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR DISPOSING ROCKER ARM ROLLING FRICTION BASED EXTENDABLE AND RETRACTABLE ROLLING STROKE SECTIONS IN PARALLEL EXCAVATOR OR LOADER HAVING ROCKER ARM ROLLING STROKE SECTIONS DISPOSED IN PARALLEL

(51) International classification	:E21C31/10	(71)Name of Applicant :
(31) Priority Document No	:201210520060.7	1)LIU Suhua
(32) Priority Date	:26/11/2012	Address of Applicant : Yanzhou Haizhi Mechanical and
(33) Name of priority country	:China	Electrical Technology Co., Ltd Xinyanzhen Industrial Park,
(86) International Application No	:PCT/CN2013/001448	Yanzhou ,Shandong 272100 China
Filing Date	:26/11/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2014/082375	1)LIU Suhua
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A n excavator or loader having rocker arm rolling Mction-based extendable and retractable rolling stroke sections disposed in parallel, comprising a rocker arm (1), a machine body (2), and a work head (9); the rocker arm (1) comprises a front roller(3), a back roller (4), a : front roller race (5), a back roller race (6), a telescopic arm (7), a telescopic support arm (8) and the like; the front roller race (5) and the back roller race (6) are disposed in parallel; the : front roller (3) rolls in the front roller race (5), and the back roller (4) rolls in the back roller race (6); the front roller (3) and the back roller (4) coordinate through rolling : friction to support the telescopic arm (7) to extend and retract under the rolling friction on the telescopic support arm (8); the work head (9) is connected t o the telescopic arm (7); the telescopic arm (7) drives the work head (9) t o extend and retract; and the telescopic support arm (8) is connected to the machine body (2). Also disclosed i s a method for disposing rocker arm rolling : friction-based stretchable and retractable rolling stroke sections in parallel.

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

(19) INDIA

(22) Date of filing of Application :25/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : CONNECTION OF AN ENDOVASCULAR INTERVENTION DEVICE TO A MANIPULATION MEMBER

(51) International classification	n:A61F2/01,A61B17/221,A61F2/95	(71)Name of Applicant :
(31) Priority Document No	:61/750742	1)COVIDIEN LP
(32) Priority Date	:09/01/2013	Address of Applicant :15 Hampshire Street, Mansfield ,MA
(33) Name of priority country	:U.S.A.	02048 U.S.A.
(86) International Application	:PCT/US2013/071956	(72)Name of Inventor :
No	:26/11/2013	1)LOSORDO, Michael, Louis
Filing Date	.20/11/2015	2)MOLAEI, Masoud
(87) International Publication	:WO 2014/109840	3)WAINWRIGHT ,John
No		4)EPSTEIN ,Evan ,David
(61) Patent of Addition to	:NA	5)JOHNSON ,Garrett
Application Number	:NA	6)BUSS ,Joachim
Filing Date		
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date		

(57) Abstract :

A device for intravascular intervention can comprise an intervention element (102), an elongate manipulation member (104) and a joining element (114, 116). The elongate member can comprise a hooked portion (130+132+134) extending about a proximal portion of the intervention element. The joining element can substantially permanently attach the hooked portion to the intervention element.

No. of Pages : 52 No. of Claims : 69

(21) Application No.5631/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :25/06/2015

(43) Publication Date : 22/01/2016

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B23Q11/10 :2013022092 :07/02/2013 :Japan :PCT/JP2014/050892 :20/01/2014	 (71)Name of Applicant : 1)MITSUBISHI HEAVY INDUSTRIES, LTD. Address of Applicant :16- 5, Konan 2- chome ,Minato -ku ,Tokyo 1088215 Japan (72)Name of Inventor : 1)NAKAMURA ,Shingo 2)SERIGANO ,Takahiro
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : COOLANT SUCTION DEVICE AND MACHINE TOOL

(57) Abstract :

Provided is a coolant suction device that can collect a coolant remaining in a supply pipe while preventing an ejector from breaking down. The coolant suction device comprises: a gas supply source (21) that supplies a gas; an ejector (24), the input side of which is connected to the gas supply source (21) via a valve (22); a primary receiving tank (25), the upper part of which is connected to the negative -pressure side of the ejector (24); a suction pipe (T5), one end of which is connected to the upper part of the primary tank (25) and the other end of which is connected to a supply pipe (P2a) via a valve (28a); and a check valve (27) that is connected to the bottom part of the primary receiving tank (25) and that only opens downward. When the valve (22) and the valve (28a) are opened, a gas is supplied from the gas supply source (21) to the ejector (24), negative pressure is created inside the primary receiving tank (25) by the ejector (24), and a coolant (C) remaining in the supply pipe (P2a) is sucked into the primary receiving tank (25) via the suction pipe (T5).

No. of Pages : 26 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :27/08/2015

(43) Publication Date : 22/01/2016

 (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 	:G06F19/00 :13/802339 :13/03/2013 :U.S.A. :PCT/US2014/020889 :05/03/2014 :WO 2014/164155 :NA :NA	 (71)Name of Applicant : 1)CAREFUSION 303 INC. Address of Applicant :3750 Torrey View Court San Diego CA 92130 U.S.A. (72)Name of Inventor : 1)GARIBALDI Federico 2)AKALOU Yared
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : MULTIPLE INFUSION CHANNEL DATA GRAPHICAL USER INTERFACE

(57) Abstract :

Data is received that characterizes infusions administered to a patient among each of a plurality of infusion channels. Thereafter a plurality of infusion events and respective event times are identified based on the received data. A temporal view of the infusion events can then be displayed in a graphical user interface and/or the temporal view of the infusion events can form part of a report. The temporal view segregates each channel into a separate swim lane with each swim lane visualizing infusion events for the corresponding channel at the respective event times. Related apparatus systems techniques and articles are also described.

No. of Pages : 29 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : WINDING LAYER PITCH COMPENSATION FOR AN AIR CORE REACTOR :H01F27/00,H01F27/30 (71)Name of Applicant : (51) International classification (31) Priority Document No :A 50179/2013 1)TRENCH AUSTRIA GMBH (32) Priority Date Address of Applicant : Paschinger Strasse 49 A 4060 Leonding :15/03/2013 (33) Name of priority country :Austria Austria (86) International Application No :PCT/AT2014/050009 (72)Name of Inventor: Filing Date :14/01/2014 **1)HASLEHNER Otto** (87) International Publication No :WO 2014/138762 (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 winding layer pitch compensation for an air core reactor (1) which has at least two concentric winding layers (2 5) that are spaced apart radially comprising a combination of the following: a first set of strip shaped star sheets (15) each of which is designed so as to be arranged radially below or above the winding layers (2 5) and which are provided with at least one receiving slot (20) along an edge (19) said receiving slot extending from the edge (19); and a second set of strip shaped compensation sheets (18) each of which is provided with at least one insert slot (22) along an edge (21) said insert slot extending from the edge (21). A compensation sheet (18) can be inserted into each receiving slot (20) of a star sheet (15) in a formfitting manner the star sheet (15) engaging into the insert slot (22) of the compensation sheet in a formfitting manner. The slot depths (T) of at least two receiving slots (20) of the set of star sheets (15) are different.

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

(19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : NON ENZYME BASED METHOD FOR ELECTRONIC MONITORING OF BIOLOGICAL INDICATOR

 (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 	:13/836787 :15/03/2013 :U.S.A. :PCT/US2014/017909 :24/02/2014 :WO 2014/149383 :NA :NA	 (71)Name of Applicant : 1)AMERICAN STERILIZER COMPANY Address of Applicant :5960 Heisley Road Mentor Ohio 44060 U.S.A. (72)Name of Inventor : 1)FRANCISKOVICH Phillip P. 2)CREGGER Tricia A.
Filing Date		
(62) Divisional to Application Number Filing Date	:NA :NA	
	*1 12 1	

(57) Abstract :

A sterilization indicator system and method of using the system to determine efficacy of a sterilization process. The system may include a vial having an optional first compartment and a second compartment comprising a growth medium comprising one or more of a disaccharide an oligosaccharide or a polysaccharide capable of conversion to a monosaccharide by germinating spores of the one or more species of microorganism the vial being free of the monosaccharide prior to use; a strip including two or more electrodes to oxidize the monosaccharide and to carry a resulting electrical signal and an apparatus to detect and measure the electrical signal resulting from the oxidation. Spores of a suitable biological indicator may be disposed in the first compartment and/or on the strip.

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

(19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : DISSOLVABLE GEL FORMING FILM FOR DELIVERY OF ACTIVE AGENTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61L15/38,A61L15/60,A61L15/62 :61/790132 :15/03/2013 / :U.S.A. ¹ :PCT/US2014/024410 :12/03/2014	 (71)Name of Applicant : 1)SMITH & NEPHEW INC. Address of Applicant :1450 Brooks Road Memphis TN 38116 U.S.A. (72)Name of Inventor : 1)SHI Lei 2)JOVANOVIC Aleksa 3)CARSON Dennis
(87) International Publication	:WO 2014/150857	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	ⁿ :NA :NA	

(57) Abstract :

Disclosed is a dissolvable gel forming film and methods for its use comprising a water soluble cellulose ether a hydrophilic rheological modifying agent and an active proteolytic enzyme or other drug substance. The gel forming film has a water content of less than 15% w/w and is capable of forming a hydrogel when contacted with water or other aqueous medium. The disclosed films achieve delivery of stable proteolytic enzymes to the desired site of action in a manner that provides uniform delivery of the enzymes.

No. of Pages : 31 No. of Claims : 33

(19) INDIA

(22) Date of filing of Application :27/08/2015

(43) Publication Date : 22/01/2016

:F24F11/00 (71)Name of Applicant : (51) International classification 1)DRR SYSTEMS GMBH (31) Priority Document No :10 2013 207 449.2 (32) Priority Date Address of Applicant :Carl Benz Strasse 34 74321 Bietigheim :24/04/2013 (33) Name of priority country :Germany **Bissingen Germany** (86) International Application No :PCT/EP2014/057299 (72)Name of Inventor : Filing Date :10/04/2014 1)ALT Simon (87) International Publication No :WO 2014/173694 2)UETZ Rainer (61) Patent of Addition to Application **3)KLENGE Thomas** :NA Number 4)SAWODNY Oliver :NA Filing Date 5)MALCHOW Florian (62) Divisional to Application Number :NA 6)WEICKGENANNT Martin Filing Date :NA

(54) Title of the invention : METHOD FOR THE CONDITIONING OF AIR AND AIR CONDITIONING SYSTEM

(57) Abstract :

To provide a method for the conditioning of air which can be implemented in reliable and energy efficient fashion it is proposed that the method comprises the following: determining the actual values of at least two parameters of an inlet air stream which is to be conditioned of an air conditioning system; selecting an operating state of the air conditioning system on the basis of a model by means of which a multiplicity of possible actual values of the at least two parameters is linked to operating states of the air conditioning system; setting the air conditioning system into the selected operating state such that an outlet air stream of the air conditioning system is generated in which the actual values of the at least two parameters lie within predefined target value ranges.

No. of Pages : 44 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : COMBINATIONS OF BRUTON S TYROSINE KINASE INHIBITORS AND CYP3A4 INHIBITORS

(51) International classification(31) Priority Document No(32) Priority Date	:A61K31/519,A61P31/12,A61P31/00 :61/784119 :14/03/2013	 (71)Name of Applicant : 1)PHARMACYCLICS LLC Address of Applicant :995 East Arques Avenue Sunnyvale CA 94085 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor : 1)FARDIS Maria
(86) International Application No Filing Date	:PCT/US2014/024966 :12/03/2014	2)SUKBUNTHERNG Juthamas
(87) International Publication No	:WO 2014/159745	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Combinations of Bruton s tyrosine kinase (Btk) inhibitors e.g. 1 ((R) 3 (4 amino 3 (4 phenoxyphenyl) 1 H pyrazolo [3 4 d]pyrimidin 1 yl)piperidin 1 yl)prop 2 en 1 one with CYP3A4 inhibitors are provided. Also provided are methods of treating cancers and autoimmune disorders by administering combinations of Bruton s tyrosine kinase (Btk) inhibitors e.g. 1 ((R) 3 (4 amino 3 (4 phenoxyphenyl) 1 H pyrazolo [3 4 d]pyrimidin 1 yl)piperidin 1 y

No. of Pages : 95 No. of Claims : 29

(19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : SELF SEALING TYRE COMPRISING AN ADDITIONAL SIDEWALL REINFORCEMENT (51) International classification :B60C19/12,B60C9/09 (71)Name of Applicant : (31) Priority Document No 1)COMPAGNIE GENERALE DES ETABLISSEMENTS :1351611 (32) Priority Date :25/02/2013 MICHELIN (33) Name of priority country :France Address of Applicant :12 Cours Sablon F 63000 Clermont (86) International Application No :PCT/EP2014/053392 Ferrand France Filing Date :21/02/2014 2)MICHELIN RECHERCHE ET TECHNIQUE S.A. (87) International Publication No :WO 2014/128242 (72)Name of Inventor: (61) Patent of Addition to Application 1)MUHLHOFF Olivier :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A tyre of which the internal surface is covered with a sealed layer which is itself covered with a layer of self sealing product comprising a radial carcass reinforcement (60) consisting of reinforcing elements (61) having an elongation at break ARand a breaking force FRc laid at a laying pitch PC and coated with a rubber composition dimensioned so as to satisfy the inequality: (Formula I) in which FRc is expressed in Newtons Rs is the radial distance between the rotational axis of the tyre and the radially outermost point (360) of the carcass reinforcement RE is the radial distance between the rotational axis and the axial position where the tyre reaches the maximum axial width of same and Rt is the radial distance between the rotational axis and the radially innermost point of the bead core laying pitch Pc and radial distances Rd RE and Rt being expressed in metres; each sidewall of the tyre further comprising an additional reinforcement (120) consisting of wire reinforcing elements having an elongation at break ARS and a breaking force FRs laid at a laying pitch Ps and coated with a rubber composition in which each of the two additional reinforcements is dimensioned such that (Formula II) ARC= ARS breaking forces FRs and FRc and elongations at break ARc andARs being determined on the reinforcing elements before incorporation into the tyre.

No. of Pages : 53 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :27/08/2015

(54) Title of the invention : SINTERED ZIRCON MATERIAL FOR FORMING BLOCK

(43) Publication Date : 22/01/2016

 (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 	:61/766090 :18/02/2013	 (71)Name of Applicant : 1)SAINT GOBAIN CERAMICS & PLASTICS INC. Address of Applicant :One New Bond Street Worcester Massachusetts 01615 0138 U.S.A. (72)Name of Inventor : 1)CITTI Olivier 2)FOURCADE Julien P. 3)KAZMIERCZAK Andrea L. 4)LECHEVALIER David J.
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(57) Abstract :

A component includes a body including zircon (ZrSiO) grains the body having a free silica intergranular phase present between the zircon grains and distributed substantially uniformly through the body. The body comprises a content of free silica not greater than about 2 wt.% for the total weight of the body.

No. of Pages : 60 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :27/08/2015

(43) Publication Date : 22/01/2016

:A61L27/12,A61L27/54 (71)Name of Applicant : (51) International classification (31) Priority Document No **1)BONE SUPPORT AB** :13155895.9 (32) Priority Date :20/02/2013 Address of Applicant :Scheelevgen 19A S 223 70 Lund (33) Name of priority country :EPO Sweden (86) International Application No :PCT/EP2014/053330 (72)Name of Inventor: Filing Date :20/02/2014 1)EHRENBORG Kristina Caroline Victoria (87) International Publication No :WO 2014/128217 2)SANDELL Veronica Rebecca (61) Patent of Addition to Application 3)LID‰N Eva Christina :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : IMPROVED SETTING OF HARDENABLE BONE SUBSTITUTE

(57) Abstract :

The invention relates to hardenable ceramic bone substitute compositions having improved setting powders for such compositions and methods for their manufacture and use in medical treatment. More specifically the invention relates to hardenable bone substitute powder and hardenable bone substitute paste with improved setting properties comprising calcium sulfate and heat treated hydroxyapatite (passivated HA) which bone substitute is suitable for treatment of disorders of supportive tissue such as bone loss bone fracture bone trauma and osteomyelitis.

No. of Pages : 51 No. of Claims : 39

(19) INDIA

(22) Date of filing of Application :27/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : NEW PEPTIDES AS A MONOTHERAPY IN MALIGNANCY CONTROL

 (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 	:NA :NA :PCT/EG2013/000008 :09/04/2013 :WO 2014/040605 :NA :NA	 (71)Name of Applicant : 1)ELAWDAN Khaled Mohey Eldin Address of Applicant :II 5 Address Shefaa City Hospital Shefaa Research Center 16 Shokry Al Kowatly street 31911 Mehalia El Kobra Egypt (72)Name of Inventor : 1)ELAWDAN Khaled Mohey Eldin
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(57) Abstract :

In spite of advancements in all types of malignancy control like surgery chemotherapy radiotherapy and immunotherapy prognosis in many types of cancer still very poor. It is enough for anybody to have a look at the main causes of death in any country to know that cancer is one of them and to discover how the challenge and defect in its treatment. Many researches aim to just improvement of the already present methods. Anyhow I think we must introduce something new rather than just thinking of improvement of conventional methods to overcome this challenge. Although of presence of many peptides in market for malignancy control we introduce those new peptides with these sequences either in all or in some or similar sequences as a monotherapy for cancer control. I mean without any need for conventional methods except for diagnosis Either one of those peptides or more than one till all with these sequences from N Terminus to C terminus.

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

(19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : PERSONALIZED IMAGE BASED GUIDANCE FOR ENERGY BASED THERAPEUTIC DEVICES			
(51) International classification	:A61B5/04	(71)Name of Applicant :	
(31) Priority Document No	:61/790863	1)EMPI INC.	
(32) Priority Date	:15/03/2013	Address of Applicant :1430 Decision Street Vista CA 92081	
(33) Name of priority country	:U.S.A.	8553 U.S.A.	
(86) International Application No	:PCT/US2014/020583	(72)Name of Inventor :	
Filing Date	:05/03/2014	1)LAMPO Pierre Yves	
(87) International Publication No	:WO 2014/149728		
(61) Patent of Addition to Application	:NA		
Number	:NA		
Filing Date	INA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

Systems and methods are provided for determining the placement of energy delivery nodes of an energy based therapeutic device. In one aspect recommended placement locations are customized by analyzing an image or video of the user and may be superimposed on an image corresponding to an affected body part. This application relates generally to the use and application of electrotherapy devices. More particularly systems and methods for image based guidance in the application of such devices are disclosed.

No. of Pages : 67 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :27/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : HERBICIDAL COMPOSITIONS COMPRISING 4 AMINO 3 CHLORO 5 FLUORO 6 (4 CHLORO 2 FLUORO 3 METHOXYPHENYL) PYRIDINE 2 CARBOXYLIC ACID OR A DERIVATIVE THEREOF AND FUNGICIDES

(51) International classification	:A01N43/24	(71)Name of Applicant :
(31) Priority Document No	:13/840236	1)DOW AGROSCIENCES LLC
(32) Priority Date	:15/03/2013	Address of Applicant :9330 Zionsville Road Indianapolis IN
(33) Name of priority country	:U.S.A.	46268 U.S.A.
(86) International Application No	:PCT/US2014/019821	(72)Name of Inventor :
Filing Date	:03/03/2014	1)MANN Richard K.
(87) International Publication No	:WO 2014/149603	2)YERKES Carla N.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided herein are synergistic herbicidal compositions containing (a) a compound of formula (I): or an agriculturally acceptable salt or ester th to azoxystrobin carbendazim difenoconazole flutolanil hexaconazole iprobenfos isoprothiolane isotianil kasugamycin mancozeb myclobutanil p a compound of formula (II) The compositions and methods provided herein control undesirable vegetation e.g. in direct seeded water seeded an beet soybean cotton pineapple pastures grasslands rangelands fallowland turf tree and vine orchards plantation crops vegetables industrial veget

No. of Pages : 102 No. of Claims : 20

(22) Date of filing of Application :27/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : BONE CUTT	ING 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 	:A61B17/16 :61/778931 :13/03/2013 :U.S.A.	 (71)Name of Applicant : 1)DEPUY SYNTHES PRODUCTS INC. Address of Applicant :325 Paramount Drive Raynham Massachusetts 02767 U.S.A. (72)Name of Inventor : 1)KOAY Kenny 2)MCMILLAN Rod 3)HAAG Rene

(57) Abstract :

A bone cutting device extends from a proximal end to a distal end and has a sharpened cutting surface adjacent the distal end the cutting surface being dimensioned to permit cutting of bone the bone 5 cutting device being formed of an implant grade material and an outer surface of the bone cutting device is one of carburized and nitrided.

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

(19) INDIA

(22) Date of filing of Application :27/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : HIGH VOLUME PRODUCTION OF DISPLAY QUALITY GLASS SHEETS HAVING LOW ZIRCONIA LEVELS

(57) Abstract :

Methods and apparatus for producing display quality glass sheets are provided in which the batch materials for making the sheets are melted in a furnace whose glass engaging surfaces comprise zirconia (ZrO). By using molybdenum electrodes instead of the conventional tin electrodes to electrically heat the molten glass the wear rate per unit area of the furnace s glass engaging zirconia containing surfaces are reduced by more than 50% thus reducing zirconia levels (solid + dissolved) in the finished glass by at least a similar amount. As a consequence of this reduction rejection rates of finished glass sheets are lowered which is of particular value in the production of glass sheets of large dimensions as desired by display manufacturers and other users of such sheets.

No. of Pages : 44 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :27/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : TARGETED GASTROINTESTINAL TRACT DELIVERY OF PROBIOTIC ORGANISMS AND/OR THERAPEUTIC AGENTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 		 (71)Name of Applicant : 1)THERABIOME LLC Address of Applicant :6 Jack Lane Marlboro NJ 07746 U.S.A. 2)SCHENTAG Jerome J. (72)Name of Inventor : 1)KABADI Mohan 2)SCHENTAG Jerome J.
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to the development of a targeted delivery system for the oral delivery of probiotics or therapeutic agent for various indications including and not limited to active and prophylaxis treatment of infection antibiotic associated diarrhea irritable bowel syndrome Crohn s disease intestinal flora replacement supplemental flora treatments for patients taking antibiotics and for restoration of balance and signaling between the intestinal microbiome and the intestinal cells in patients under treatment of metabolic syndrome manifestations specifically diabetes insulin resistance obesity hyperlipidemia and hypertension. The present invention restores altered probiotic organism imbalances that are characteristic of said diseases among others as well as defines a platform technology development for site specific delivery of probiotic organisms in the GI tract of a mammal most specifically the ileum and/or right colon of a human subject.

No. of Pages : 154 No. of Claims : 45

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : LOCKING 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 	:E05B85/24,E05B77/36 :2013045004 :07/03/2013 :Japan :PCT/JP2014/055253 :03/03/2014 :WO 2014/136713	 (71)Name of Applicant : 1)SHIROKI CORPORATION Address of Applicant :2 Kirihara cho Fujisawa shi Kanagawa 2520811 Japan (72)Name of Inventor : 1)SUGIURA Saiki 2)SUZUKI Hiroyuki
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date		1)SUGIURA Saiki 2)SUZUKI Hiroyuki
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A locking device equipped with: a striker contact member (201) which is positioned on a hook (157) and contacts a striker inserted into the groove (157a) of the hook (157) so as to sandwich the striker along with the groove (157a) of the hook (157); and a spring (hook biasing member) (171) for biasing the hook (157) in the unlocking position direction thereof via the striker contact member (201) and biasing the striker contact member (201) in a direction so as to contact the striker.

No. of Pages : 30 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : HOT ROLLING COMPOSITE ROLL PRODUCED BY CETRIFUGAL CASTING

 (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 	PCT/JP2014/062146 :02/05/2014	 (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)ODA Nozomu 2)SEGAWA Takayuki 3)NOZAKI Yasunori
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	¹ :NA :NA	

(57) Abstract :

A composite roll which has been produced by centrifugal casting and which is for use in hot rolling comprising (a) an outer layer made of a cast iron which has both a chemical composition that contains by mass 2.5 to 3.5% of C 1.3 to 2.4% of Si 0.2 to 1.5% of Mn 3.5 to 5.0% of Ni 0.8 to 1.5% of Cr 2.5 to 5.0% of Mo 1.8 to 4.0% of V and 0.2 to 1.5% of Nb with the balance being Fe and unavoidable impurities and that has an Nb/V mass ratio of 0.1 to 0.7 and an Mo/V mass ratio of 0.7 to 2.5 and satisfies 2.5=V+1.2Nb=5.5 and a structure that contains 0.3 to 10% by area of a graphite phase (b) a shaft core part made of a ductile cast iron having a ferrite area fraction of 35% or less and (c) an intermediate layer made of a cast iron.

No. of Pages : 54 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHODS AND SYSTEMS FOR CONDITIONING OF PARTICULATE CRYSTALLINE MATERIALS

 (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 	:PCT/US2014/029489 :14/03/2014 :WO 2014/144894 :NA :NA	 (71)Name of Applicant : 1)PEARL THERAPEUTICS INC. Address of Applicant :200 Saginaw Drive Redwood City California 94063 U.S.A. (72)Name of Inventor : 1)KAZMI Ali 2)LECHUGA David 3)SNYDER Herm 4)IVEY James 5)VEHRING Reinhard 6)SPECK Jason H. 7)DWIVEDI Sarvajna
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Methods and systems for the preparation of conditioned micronized active agents. Additionally methods and systems for in process conditioning of micronized active agent particles and compositions comprising conditioned micronized materials.

No. of Pages : 92 No. of Claims : 40

(19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : PACKAGES FOR ARTICLES OF COMMERCE

(57) Abstract :

The present disclosure is directed in part to a package for an article of commerce. The package comprises a nonwoven substrate comprising one or more layers of fibers. A plurality of the fibers each comprise a plurality of fibrils extending outwardly from a surface of the fibers in a central longitudinal third of the fibers. The plurality of fibrils comprise a lipid ester that has a melting point greater than 35 °C. The plurality of fibers are free of droplets of the lipid ester.

No. of Pages : 75 No. of Claims : 15

(21) Application No.7584/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:C25B9/20,C25B1/08 :61/777476 :12/03/2013 :U.S.A. :PCT/CA2014/000164 :27/02/2014	 (71)Name of Applicant : 1)NEXT HYDROGEN CORPORATION Address of Applicant :Suite 102 2680 Matheson Blvd. East Mississauga Ontario L4W 0A5 Canada (72)Name of Inventor : 1)WUL SON Chaic
Filing Date (87) International Publication No	:WO 2014/138856	1)WILSON Chris
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : END PRESSURE PLATE FOR ELECTROLYSERS

(57) Abstract :

An end pressure plate is provided for an electrochemical cell stack or an electrolyser module. The end pressure plates comprise a load transfer plate for maintaining even pressure over the faces of the structural plates and a backing plate for supporting load transferred from the load transfer plate.

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

(19) INDIA

(22) Date of filing of Application :28/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : ELECTRICAL ENERGY STORAGE BATTERY			
 (54) Title of the invention : ELECTRICAL (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 	:H01M8/18 :NA :NA :NA	 (71)Name of Applicant : NISSIN ELECTRIC CO. LTD. Address of Applicant :47 Umezu Takase cho Ukyo ku Kyoto shi Kyoto 6158686 Japan (72)Name of Inventor : HUANG Lan DEGUCHI Hiroshige MIYAZAKI Toshihiro YAMANOUCHI Shosuke 	
Filing Date	:NA		

(57) Abstract :

This electrical energy storage battery is provided with a negative electrode electrolyte solution (32) that contains a zinc redox material and an amine represented by general formula (1). In general formula (1) n represents an integer of 0 4; and each of R R R and R independently represents a hydrogen atom a methyl group or an ethyl group.

No. of Pages : 28 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :28/08/2015

(21) Application No.7721/DELNP/2015 A

(43) Publication Date : 22/01/2016

(51) International classification	:B62D25/08	(71)Name of Applicant :
(31) Priority Document No	:2014081957	1)SUZUKI MOTOR CORPORATION
(32) Priority Date	:11/04/2014	Address of Applicant :300 Takatsuka cho Minami ku
(33) Name of priority country	:Japan	Hamamatsu shi Shizuoka 4328611 Japan
(86) International Application No	:PCT/JP2015/060703	(72)Name of Inventor :
Filing Date	:06/04/2015	1)KODAMA Ryota
(87) International Publication No	:WO 2015/156238	2)SHIMURA Tomoaki
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : STRUCTURE FOR FRONT SIDE MEMBER

(57) Abstract :

Provided is a structure for a front side member the structure being configured so that when the front side member absorbs a load applied from the front of a vehicle the process of deformation of the front side member is controlled and the front side member is deformed such that the whole of the front side member is effectively utilized and consequently the load is dispersed and efficiently absorbed to increase the total amount of absorption of the load. Provided is a structure for a front side member (1) configured to have a closed cross sectional structure by joining an inner member (4) and an outer member (5) the closed cross sectional structure having an upper surface (1C) and a lower surface (1D). The front side member (1) is provided with lower joint flanges (4b 5b) where the inner member (4) and the outer member (5) are joined are provided along the inner ridge line (11) of the lower surface (1D). The inner ridge line (11) is formed rectilinearly in the front rear direction of the vehicle. An outer ridge line (12) approaches the inner ridge line (11) as the outer ridge line (12) extends from the rear of the vehicle toward the front of the vehicle and as a result the width of the lower surface (1D) decreases from the rear of the vehicle toward the front of the vehicle. A lower extended flange (13) is provided at the lower part of the lower joint flange (4b) located in at least a significant width change region (L) between a change start point (P1) at which the width of the lower surface (1D) ends.

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

(19) INDIA

(22) Date of filing of Application :28/08/2015

(21) Application No.7722/DELNP/2015 A

(43) Publication Date : 22/01/2016

(51) International classification	:C10L9/06	(71)Name of Applicant :
(31) Priority Document No	:2013041416	1)MITSUBISHI HEAVY INDUSTRIES LTD.
(32) Priority Date	:04/03/2013	Address of Applicant :16 5 Konan 2 chome Minato ku Tokyo
(33) Name of priority country	:Japan	1088215 Japan
(86) International Application No	:PCT/JP2014/050894	(72)Name of Inventor :
Filing Date	:20/01/2014	1)ATARASHIYA Kenji
(87) International Publication No	:WO 2014/136479	2)HAMADA Tsutomu
(61) Patent of Addition to Application	:NA	3)SATO Fumiaki
Number	:NA :NA	4)SAKAGUCHI Masakazu
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : COAL INACTIVATION PROCESSING APPARATUS

(57) Abstract :

The purpose is to produce inactivated coal in a short time while preventing spontaneous combustion. A coal inactivation processing apparatus for inactivating coal with an oxygen containing process gas wherein the coal inactivation processing apparatus comprises a kiln assembly (103) for passing coal (4) from the base end side to the distal end side therein base end side process gas supply means (121 125) for supplying a process gas (13) to the base end side of the interior of the kiln assembly (103) distal end side process gas supply means (131 135) for supplying a process gas (14) to the distal end side of the interior of the kiln assembly (103) process gas oxygen concentration adjusting means (124a 134a 135 136a) for adjusting the oxygen concentration of the process gases (13 14) supplied into the kiln assembly (103) and a cooling device (160) for cooling the coal (4) inside the kiln assembly (103).

No. of Pages : 44 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :28/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : CONTROL DEVICE FOR INTERNAL COMBUSTION ENGINE :F01L13/00,F02D13/02 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)AISIN SEIKI KABUSHIKI KAISHA :2013159410 (32) Priority Date :31/07/2013 Address of Applicant :1 Asahi machi 2 chome Kariya shi (33) Name of priority country Aichi 4488650 Japan :Japan (86) International Application No (72)Name of Inventor : :PCT/JP2014/055345 Filing Date :04/03/2014 1)KOBAYASHI Masaki (87) International Publication No :WO 2015/015824 2)KANEKO Masaaki (61) Patent of Addition to Application 3)FUJIMOTO Seiichi :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present invention is equipped with a valve opening/closing timing control mechanism that sets the opening/closing timing of an exhaust valve and a lock mechanism that holds the rotational phase of the valve opening/closing timing control mechanism at a first locked phase wherein the opened state of the exhaust valve is maintained when the intake valve opens.

No. of Pages : 34 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :28/08/2015

(43) Publication Date : 22/01/2016

(51) International classification	:F01L1/356	(71)Name of Applicant :
(31) Priority Document No	:2013156936	1)AISIN SEIKI KABUSHIKI KAISHA
(32) Priority Date	:29/07/2013	Address of Applicant :1 Asahi machi 2 chome Kariya shi
(33) Name of priority country	:Japan	Aichi 4488650 Japan
(86) International Application No	:PCT/JP2014/066854	(72)Name of Inventor :
Filing Date	:25/06/2014	1)NUNAMI Koji
(87) International Publication No	:WO 2015/015960	2)IWAYA Takashi
(61) Patent of Addition to Application	:NA	3)AMANO Hiroyuki
Number	:NA :NA	4)KOBAYASHI Masaki
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : VALVE OPENING/CLOSING TIMING CONTROL DEVICE

(57) Abstract :

A valve opening/closing timing control device capable of quickly determining that an intermediate locked phase has been attained said control device being equipped with: an intermediate lock mechanism capable of switching between a locked state wherein a lock member provided on a drive side rotary member protrudes and fits into a recess provided on a driven side rotary member thereby holding the relative rotational phase in an intermediate locked phase and an unlocked state wherein the lock member withdraws from the recess thereby releasing the hold; a phase control unit that controls the supply of fluid to a retard chamber and the discharge of fluid from an advance chamber or controls the discharge of fluid from the retard chamber and the supply of fluid to the advance chamber so as to enable the lock member to attain the intermediate locked phase; and a determination unit which after the execution of a control whereby fluid is supplied to the retard chamber and fluid is discharged from the advance chamber or whereby fluid is supplied to the advance chamber and the lock member is controlled so as to move toward a determination phase that has been set at a different positon than the intermediate locked phase in the recess determines whether the lock member has attained the determination phase. When the result of the determination is that the lock member has not attained the determination unit determines that the relative rotation phase is in the locked state.

No. of Pages : 35 No. of Claims : 6

(21) Application No.7587/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : COATING COMPOSITION BASED ON FOOD COLOURING AGENTS

 (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 	:A23G1/48,A23G3/34,A23G1/30 :1352237 :13/03/2013 :France :PCT/FR2014/050565 :12/03/2014 o:WO 2014/140482 :NA :NA :NA	 (71)Name of Applicant : 1)SOCIETE DEXPLOITATION DE PRODUITS POUR LES INDUSTRIES CHIMIQUES SEPPIC Address of Applicant :75 Quai d[™]Orsay F 75007 Paris France (72)Name of Inventor : 1)LEFEBVRE Sandra 2)ROUANET Philippe
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(57) Abstract :

The invention relates to a coating composition comprising in relation to 100% of the weight thereof: between 10 and 90 wt. % of at least one film forming polymer selected from cellulosic polymers or derivatives of cellulosic polymers derivatives of vinyl alcohol derivatives of vinyl pyrrolidones polymers of a natural origin acrylic or methacrylic derivatives derivatives of glycol or propylene glycol or combinations of said two substances or the copolymers of vinyl alcohol and polyethylene glycol (PEG); between 1 and 50 wt. % of at least one food colouring agent; and between 0 and 50 wt. % of at least one auxiliary coating agent selected from white opacifiers diluents surfactants plasticisers and anti foaming agents.

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

(19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : CONTROLLED DRUG RELEASE LIPOSOME 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 Filing Date 	:NA :NA	 (71)Name of Applicant : 1)TAIWAN LIPOSOME COMPANY LTD. Address of Applicant :2F. No. 3 Yuanqu Street Nangang District Taipei City 11503 Taiwan 2)TLC BIOPHARMACEUTICALS INC. (72)Name of Inventor : 1)KAN Pei 2)TSENG Yun Long 3)OU Han Chun
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(57) Abstract :

The present invention relates to a pharmaceutical composition comprising at least one liposome at least one polyvalent counterion donor or a pharmaceutically acceptable salt thereof at least one monovalent counterion donor or a pharmaceutically acceptable salt thereof and an amphipathic therapeutic agent. The present invention also relates to methods of inhibiting cancer cell growth comprising administering the pharmaceutical composition described herein.

No. of Pages : 29 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : CHIMERIC SINGLE STRANDED ANTISENSE POLYNUCLEOTIDES AND DOUBLE STRANDED ANTISENSE AGENT

 (51) International classification (31) Priority Document Not (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to 	:01/03/2013 :U.S.A. :PCT/JP2014/001159 :03/03/2014 :WO 2014/132671	 (71)Name of Applicant : 1)NATIONAL UNIVERSITY CORPORATION TOKYO MEDICAL AND DENTAL UNIVERSITY Address of Applicant :5 45 Yushima 1 chome Bunkyo ku Tokyo 1138510 Japan (72)Name of Inventor : 1)YOKOTA Takanori 2)NISHINA Kazutaka 3)MIZUSAWA Hidehiro 4)WADA Takeshi
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	
(57) Abstract		

(57) Abstract :

Chimeric single stranded polynucleotides and double stranded antisense agents useful for modifying the expression of a target gene by means of an antisense effect are disclosed. The chimeric single stranded antisense polynucleotide and double stranded antisense agents comprise a central nucleotide region flanked by a first 5 wing region and a first 3 wing region of modified nucleotides which are themselves flanked by a second 5 wing region and/or a second 3 wing region of nucleotides that have a low affinity for proteins and/or that have higher resistance to DNase or RNase than a natural DNA or RNA and are missing in a cell when the chimeric polynucleotide delivered. The double stranded antisense agent further comprises a complementary strand annealed to the antisense strand. The polynucleotide can be used to modify RNA transcription levels miRNA activity or protein levels in cells.

No. of Pages : 68 No. of Claims : 45

(21) Application No.7725/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :28/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : DOSING DEVICE FOR SOAKING A CLEANING CLOTH WITH DETERGENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:G01F11/32,B67D3/00,B67D3/02 :PD2013A000042 :25/02/2013 :Italy :PCT/IB2014/059207	 (71)Name of Applicant : 1)TTS CLEANING S.R.L. Address of Applicant :Viale dellArtigianato No.12/14 I 35010 Santa Giustina in Colle PD Italy (72)Name of Inventor : 1)ZORZO Renato
Filing Date (87) International Publication No	:24/02/2014 :WO 2014/128671	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This invention concerns a device for dosing a liquid detergent for soaking cleaning cloths which releases an exact amount of liquid detergent; in particular the invention refers to the actuating devices for operating the valve that the above mentioned dosing device is fitted with.

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

(19) INDIA

(22) Date of filing of Application :28/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : NOVEL PYRAZOL DERIVATIVES

classification :C0/D4/1/04,C0/D48//04,C0/D4/3/04 1)F (31) Priority Document :13158233.0 Switz (32) Priority Date :07/03/2013 (72)N (33) Name of priority :EPO 1)G (36) International :PCT/EP2014/054107 3)N Application No :04/03/2014 5)R (87) International :WO 2014/135507 6)R	Name of Applicant : F. HOFFMANN LA ROCHE AG Address of Applicant :Grenzacherstrasse 124 CH 4070 Basel tzerland Name of Inventor : GRETHER Uwe KIMBARA Atsushi NETTEKOVEN Matthias RICKLIN Fabienne ROEVER Stephan ROGERS EVANS Mark SCHULZ GASCH Tanja
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(57) Abstract :

The invention relates to a compound of formula (I) wherein A to A and Rto R are defined as in the description and in the claims. The compound of formula (I) can be used as a medicament.

No. of Pages : 71 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :28/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : NOVEL PYRIDINE DERIVATIVES

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	:C07D413/14,C07D403/04,C07D413/04 :13161176.6 :26/03/2013 :EPO :PCT/EP2014/055797 :24/03/2014 :WO 2014/154612 :NA :NA :NA	 (71)Name of Applicant : 1)F. HOFFMANN LA ROCHE AG Address of Applicant :Grenzacherstrasse 124 CH 4070 Basel Switzerland (72)Name of Inventor : 1)GAVELLE Olivier 2)GRETHER Uwe 3)KIMBARA Atsushi 4)NETTEKOVEN Matthias 5)ROEVER Stephan 6)ROGERS EVANS Mark 7)ROMBACH Didier 8)SCHULZ GASCH Tanja
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(57) Abstract :

The invention relates to a compound of formula (I); wherein A and R to Rare defined as in the description and in the claims. The compound of formula (I) can be used as a medicament.

No. of Pages : 141 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHODS FOR GENERATING HEPATOCYTES AND CHOLANGIOCYTES FROM PLURIPOTENT STEM 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 	:C12N5/071,A61K35/12,A61K35/407 :61/766002 :18/02/2013 :U.S.A. :PCT/CA2014/000122 :18/02/2014 :WO 2014/124527 :NA :NA	 (71)Name of Applicant : 1)UNIVERSITY HEALTH NETWORK Address of Applicant :Technology Development and Commercialization MaRS Centre Heritage Building 101 College Street Suite 150 Toronto Ontario M5G 1L7 Canada 2)THE HOSPITAL FOR SICK CHILDREN (72)Name of Inventor : 1)KELLER Gordon 2)OGAWA Shinichiro 3)GHANEKAR Anand 4)BEAR Christine 5)KAMATH Binita M. 6)OGAWA Mina 7)SURAPISITCHAT James
Application Number Filing Date	:NA	

(57) Abstract :

Methods for producing hepatocyte and/or cholangiocyte lineage cells from pluripotent stem cells the method comprising (a) specifying the extended nodal agonist treated induced endodermal cell population to obtain a cell population comprising hepatocyte and/or cholangiocyte progenitors by contacting the extended nodal agonist treated induced endodermal cell population with specification media comprising a FGF agonist and a BMP4 agonist and/or active conjugates and/or fragments thereof; (b) inducing maturation and optionally further lineage specification and/or expansion of the hepatocyte and/or cholangiocyte progenitors of the cell population to obtain a population comprising hepatocyte lineage cells such as hepatoblasts hepatocytes and/or cholangiocytes the inducing maturation step comprising generating aggregates of the cell population. Optionally the method also comprises activating the cAMP pathway within the aggregates and forming co aggregates.

No. of Pages : 124 No. of Claims : 34

(19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : SMART CARD AND SMART CARD SYSTEM WITH ENHANCED SECURITY FEATURES (51) International classification :H04M1/66 (71)Name of Applicant : (31) Priority Document No 1)GRACE Mary :61/758107 (32) Priority Date Address of Applicant :16 Chautauqua Park Boulder Colorado :29/01/2013 (33) Name of priority country 80302 U.S.A. :U.S.A. (86) International Application No :PCT/US2014/013685 (72)Name of Inventor : Filing Date :29/01/2014 1)GRACE Mary (87) International Publication No :WO 2014/171989 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

This invention relates to smart card systems and more particularly to security and validation of smart card usage in smart card systems. Previously plastic cards could transmit personal data without requiring the user to complete a physical test. This resulted in identity theft. Embodiments of the present invention use a smart card (100) that has a card access module (110) and a biometric module (120) wherein the biometric module verifies the identity of the user before the smart card transmits personal information.

No. of Pages : 19 No. of Claims : 2

(19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : POLYURETHANE BASED ADHESIVE FOR POLARIZING STRUCTURE AND POLARIZED LENS

(51) International classification	:C08G18/42,B29D11/00,C09J175/04	(71)Name of Applicant : 1)ESSILOR INTERNATIONAL (COMPAGNIE
(31) Priority Document No	:NA	GENERALE DOPTIQUE) [FR/FR]
(32) Priority Date	:NA	Address of Applicant :147 Rue De Paris F 94220 Charenton le
(33) Name of priority country	:NA	pont France (72) Name of Inventor :
(86) International Application No Filing Date	:PCT/IB2013/001227 :20/03/2013	1)BERZON Ronald A. 2)JALLOULI Aref
(87) International Publication No	:WO 2014/147439	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A polyurethane based adhesive containing one polyol compound derived from caprolactone monomer having a number average molecular weight between 200 and 1000 combined with a polyisocyanate compound. The functionality of the polycaprolactone polyol is between 1 and 4. Other aspects of the invention include a polarizing layered structure a polarized lens and a method for manufacturing same all of which include the polyurethane based adhesive. The adhesive avoids delamination and is useful in optical applications where it will be in contact with water for example during surfacing or edging process.

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

(19) INDIA

(22) Date of filing of Application :28/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : PROCESS FOR PRODUCING 2 PROPYLHEPTYL ACRYLATE BY TRANSESTERIFICATION

 (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 	:C07C67/03,C07C67/54 :1351838 :01/03/2013 :France :PCT/FR2014/050367 :24/02/2014 :WO 2014/131970 :NA :NA :NA	 (71)Name of Applicant : ARKEMA FRANCE Address of Applicant :420 Rue dEstienne dOrves F 92700 Colombes France (72)Name of Inventor : 1)RIONDEL Alain 2)GRAIRE Coralie
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(57) Abstract :

The invention relates to the industrial production of highly pure 2 propylheptyl acrylate with a high yield according to a process by transesterification preferably in semi continuous mode. The process according to the invention uses ethyl titanate in solution in 2 propylheptanol or 2 propylheptyl titanate as transesterification catalyst and implements a purification sequence comprising a single distillation column and a film evaporator.

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

(22) Date of filing of Application :28/08/2015

(21) Application No.7731/DELNP/2015 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : REEL FOR W	VINDING METAL STRI	2
 (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 	:B21C47/28 :13157392.5 :01/03/2013 :EPO :PCT/EP2014/053011 :17/02/2014 :WO 2014/131640 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SIEMENS VAI METALS TECHNOLOGIES GMBH Address of Applicant :Turmstrasse 44 4031 Linz Austria (72)Name of Inventor : 1)OSTHEIMER Pascal 2)SCHIEFER J¹/₄rgen

(57) Abstract :

The invention relates to a reel for winding metal strip in particular rolled hot strip having a mandrel shaft (2) which has a first shaft end piece (18) which is rotatably mounted by means of at least one bearing (4) provided in the machine frame (3) of the reel a clamping device (5) being arranged between the at least one bearing (4) and the mandrel shaft (2) such that in a clamped operating state a frictional connection can be produced between the at least one bearing (4) and the mandrel shaft (2).

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

(19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

(51) International classification	:B67C7/00	(71)Name of Applicant :
(31) Priority Document No	:201310070887.7	1)TRUKING TECHNOLOGY LIMITED
(32) Priority Date	:06/03/2013	Address of Applicant :No.1 Xinkang Road Yutan Town
(33) Name of priority country	:China	Ningxiang County Changsha Hunan 410600 China
(86) International Application No	:PCT/CN2014/073015	(72)Name of Inventor :
Filing Date	:06/03/2014	1)WANG Yezhou
(87) International Publication No	:WO 2014/135108	2)ZHAN Wenzhong
(61) Patent of Addition to Application	:NA	3)DENG Jingliang
Number	:NA	4)LIU Yanyu
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : BLOW FILL SEAL INTEGRATED MACHINE

(57) Abstract :

A blow fill seal integrated machine comprising a rack (44) a parison receiving station (51) a fill seal station (52) and a revolving base (1) capable of turning 180 degrees back and forth around a rotation center (11); the revolving base (1) is provided with two mold groups thereon the two mold groups being arranged at 180 degree angles along the peripheral turning direction of the revolving base (1); during the turning of the revolving base (1) the two mold groups move alternatively to the parison receiving station (51) and the fill seal station (52). The integrated machine has a small footprint low manufacturing costs high production efficiency and high reliability.

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

(19) INDIA

(22) Date of filing of Application :28/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR PRODUCING AN OLEFIN BY CATALYTIC CONVERSION OF AT LEAST ONE ALCOHOL

 (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) Detent of Addition to Application 	:C07C1/24,C07C6/04 :1350926 :04/02/2013 :France :PCT/FR2014/050204 :04/02/2014 :WO 2014/118484	Address of Applicant :Immeuble Antony Parc II 10 place du Gnral de Gaulle F 92160 Antony France 2)CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 3)UNIVERSITE CLAUDE BERNARD (72)Name of Inventor :
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	1)MILLET Jean Marc 2)BELLIERE BACA Virginie 3)NGUYEN Thi Tuyet Nhung 4)HUET Robert 5)REY Patrick
		6)AFANASIEV Pavel

(57) Abstract :

The invention relates to a method for producing an olefin a diene or a polyene by catalytic conversion of at least one alcohol having a carbonate atoms and different from propan 2 ol in the presence of at least one catalyst based on the phosphate of a metal or a plurality of metals M M bein lanthanides

(lanthanum cerium praseodymium neodymium promethium samarium europium gadolinium terbium dysprosium holmium erbium thulium ytter and boron. The invention also relates to the applications of said method.

No. of Pages : 33 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :28/08/2015

(43) Publication Date : 22/01/2016

(51) International classification :G05B23/02 (71)Name of Applicant : 1)KABUSHIKI KAISHA TOSHIBA (31) Priority Document No :2013052329 (32) Priority Date Address of Applicant :1 1 Shibaura 1 chome Minato ku Tokyo :14/03/2013 (33) Name of priority country 1058001 Japan :Japan :PCT/JP2014/053904 (72)Name of Inventor : (86) International Application No Filing Date :19/02/2014 1)NAMBA Rvo (87) International Publication No :WO 2014/141837 2)YOKOKAWA Katsuya (61) Patent of Addition to Application 3)YAMANAKA Osamu :NA Number **4)SUGINO Toshiharu** :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : KNOW HOW VISUALIZATION DEVICE AND KNOW HOW VISUALIZATION METHOD

(57) Abstract :

A know how visualization device is provided with: a narrowing unit; an extraction unit; and a display unit. The narrowing unit determines with which of a plurality of treatment processes in a water and sewage facility process data collected at the water and sewage facility is associated. The extraction unit acquires an operation/manipulation data history and process data for the determined process extracts a state quantity corresponding to a manipulation quantity from the acquired process data and generates know how visualization data by dividing the extracted state quantity into a plurality of cells on the basis of the manipulation quantity. The display unit displays the know how visualization data generated by the extraction unit as operation know how.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :28/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : CONTROL PARAMETER ADJUSTMENT METHOD AND CONTROL PARAMETER ADJUSTMENT 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 	:PCT/JP2014/055776 :06/03/2014	 (71)Name of Applicant : 1)KABUSHIKI KAISHA TOSHIBA Address of Applicant :1 1 Shibaura 1 chome Minato ku Tokyo 1058001 Japan (72)Name of Inventor : 1)YAMANAKA Osamu 2)KAWAMOTO Naoki 3)YOKOKAWA Katsuya 4)OBARA Takumi 5)YAMAMOTO Koji
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

A control parameter adjustment method which is used in plants having a plurality of PID control loops and a support server connected to the plants via a communication network involves the following procedure. In other words in the plants: information regarding the plurality of PID loops is acquired; operation levels measurements targets and disturbances are extracted from the acquired information; and time series data spanning a prescribed time of the extracted operation levels measurements targets and disturbances are sent to the support server via the communication network. In the support server control performance is diagnosed for each PID control loop on the basis of the time series data and PID control loops for which the control performance does not meet a preset condition are assessed and the control parameters of the assessed PID control loops are identified by referencing the time series data of the assessed PID control loops. Moreover in the plant the control parameters of the assessed PID control loops are updated on the basis of the identified control parameters.

No. of Pages : 67 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :28/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : PHOTOCHEMICAL PREPARATION OF HYDROXYL TERMINATED POLYISOBUTYLENES AND **RELATED METHODS AND USES**

 (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 	:61/772143 :04/03/2013 :U.S.A. :PCT/US2014/020180 :04/03/2014 :WO 2014/138001	 (71)Name of Applicant : 1)THE UNIVERSITY OF AKRON Address of Applicant :302 Buchtel Common Akron OH 44325 U.S.A. (72)Name of Inventor : 1)KENNEDY Joseph 2)NUGAY Turgut 3)NUGAY Nihan
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6		· ·
	:WO 2014/138001	
	:NA	3)NUGAY Nihan
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to novel hydroxyl terminated polyisobutylenes and methods of making and using them. The hydroxyl terminated polyisobutylenes contain a sulfur unit S within each terminal end group. The well defined sulfur containing primary hydroxyl terminated polyisobutylenes of the present invention can be simply rapidly and essentially quantitatively obtained by subjecting the unsaturated telechelic PIBs and mercapto alcohols to UV light activated thiol ene reactions. The resultant sulfur containing primary hydroxyl terminated polyisobutylenes can then be used in the production of polyurethanes and like materials.

No. of Pages : 53 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :28/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : ASSAYS AND METHODS FOR SELECTING A TREATMENT REGIMEN FOR A SUBJECT WITH DEPRESSION

 (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 	:G06F19/22 :61/777650 :12/03/2013 :U.S.A. :PCT/US2014/023695 :11/03/2014 :WO 2014/164882 :NA	 (71)Name of Applicant : NESTEC S.A. Address of Applicant :Ave. Nestl 55 CH 1800 Vevey Switzerland PAPAKOSTAS, George; (72)Name of Inventor : FAVA Maurizio PAPAKOSTAS George KOCH JR. Harold O.
	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention provides assays methods and compositions for selecting a treatment regimen for a patient having depression or at risk for depression and/or treating at least one symptom of depression in the subject based on the recognition that specific combinations of single nucleotide polymorphisms (SNPs) are associated with a therapeutic response to a folate comprising compound. Provided herein are also methods for improving the effectiveness of an antidepressant drug administered to a subject with depression or at risk for depression by administering an adjunctive therapy of a folate comprising compound to the subject if the subject carries a specific combination of SNPs that are predictive of a therapeutic response. Furthermore provided herein are compositions of the folate comprising compound.

No. of Pages : 209 No. of Claims : 70

(19) INDIA

(22) Date of filing of Application :28/08/2015

(43) Publication Date : 22/01/2016

 (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 	:12/03/2014 :WO 2014/140097 :NA	 (71)Name of Applicant : 1)BECTON DICKINSON FRANCE S.A.S. Address of Applicant :11 rue Aristide Berg s BD 4 F 38800 Le Pont de Claix France (72)Name of Inventor : 1)DEVOUASSOUX Thomas 2)FORAT Eric 3)PROCTOR James Kenneth
	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : PACKAGING SYSTEM FOR OXYGEN SENSITIVE DRUGS

(57) Abstract :

Described herein are pharmaceutical packaging systems which prevent oxidative degradation of oxygen sensitive drugs such systems including a primary packaging container (3) with an oxygen permeable component a secondary packaging (1) with very low permeability to oxygen and an oxygen absorber (2).

No. of Pages : 52 No. of Claims : 41

(22) Date of filing of Application :28/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : A METHOD AND DEVICE FOR ENABLING DOWNLINK COORDINATED MULTIPOINT COMMUNICATION

 (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 	:H04W24/10 :NA :NA :NA :PCT/CN2013/074769 :26/04/2013 :WO 2014/172889 :NA :NA :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)ZHANG Zhan
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(57) Abstract :

The present disclosure relates to a method and device (10) for enabling downlink (DL) coordinated multipoint (CoMP) communication. In particular it relates to a method of enabling CoMP in legacy user equipments i.e. devices that only measures and reports the channel quality of the link to its primary serving point. The method comprises the steps receiving the at least one DL channel quality measurement (SI) receiving at least one uplink (UL) measurement of the respective UL channels from the wireless device to one of the multiple access points (S2) and estimating a coordinated DL multipoint channel quality of a coordinated multipoint channel quality measurement and the received UL measurements by assuming that the DL path gains from the multiple access points to the wireless device are proportional to the UL path gains to the multiple access points for respective access point thereby predicting link quality of inter access points coordinated DL multipoint transmissions from the access points.

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

(19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

(51) International classification	:G06F9/32	(71)Name of Applicant :
(31) Priority Document No	:201310049989.0	1)SHANGHAI XINHAO MICROELECTRONICS CO.
(32) Priority Date	:07/02/2013	LTD.
(33) Name of priority country	:China	Address of Applicant :Suite 1202 Building B NO. 1398 Siping
(86) International Application No	:PCT/CN2014/071794	Road Yangpu Shanghai 200092 China
Filing Date	:29/01/2014	(72)Name of Inventor :
(87) International Publication No	:WO 2014/121737	1)LIN Kenneth Chenghao
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : INSTRUCTION PROCESSING SYSTEM AND METHOD

(57) Abstract :

An instruction processing system is provided. The system includes a central processing unit (CPU) an m number of memory devices and an instruction control unit. The CPU is capable of being coupled to the m number of memory devices. Further the CPU is configured to execute one or more instructions of the executable instructions. The m number of memory devices with different access speeds are configured to store the instructions where m is a natural number greater than 1. The instruction control unit is configured to based on a track address of a target instruction of a branch instruction stored in a track table control a memory with a lower speed to provide the instruction for a memory with a higher speed.

No. of Pages : 86 No. of Claims : 85

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : MOLDED PRINT BAR

 (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 	:B41J21/14,B41J2/145,B41J2/045 :NA :NA :NA :PCT/US2013/028216 :28/02/2013 :WO 2014/133517 :NA :NA :NA	 (71)Name of Applicant : 1)HEWLETT PACKARD DEVELOPMENT COMPANY L.P. Address of Applicant :11445 Compaq Center Drive W. Houston Texas 77070 U.S.A. (72)Name of Inventor : 1)CHEN Chien Hua 2)CUMBIE Michael W. 3)CHOY Silam J.
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(57) Abstract :

In one example a print bar includes multiple printhead dies molded into an elongated monolithic body. The dies are arranged generally end to end along a length of the body and the body has a channel therein through which fluid may pass directly to the dies.

No. of Pages : 31 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :28/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : LAMINATED GLASS ARTICLES WITH PHASE SEPARATED CLADDINGS AND METHODS FOR FORMING 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 	PCT/US2014/018492 :26/02/2014 :WO 2014/134097 :NA	 (71)Name of Applicant : 1)CORNING INCORPORATED Address of Applicant :1 Riverfront Plaza Corning New York 14831 U.S.A. (72)Name of Inventor : 1)MAURO John Christopher 2)PARYSEK Ronald John 3)VENKATARAMAN Natesan 4)NA
Filing Date	:NA	
(62) Divisional to Application Number	:NA :NA	
Filing Date	.11A	

(57) Abstract :

Laminated glass articles and methods for making the same are disclosed. In one embodiment a laminated glass article may include a glass core layer and at least one glass cladding layer fused to the glass core layer. The at least one glass cladding layer may be phase separated into a first phase and at least one second phase having different compositions. The first phase of the at least one glass cladding layer may have an interconnected matrix. The at least one second phase of the at least one glass cladding layer may be dispersed throughout the interconnected matrix of the first phase of the at least one glass cladding layer. In some embodiments the at least one second phase may be selectively removed from the interconnected matrix leaving a porous interconnected matrix of the first phase.

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

(22) Date of filing of Application :28/08/2015

(43) Publication Date : 22/01/2016

(51) International classification	:A61B17/88	(71)Name of Applicant :
(31) Priority Document No	:61/782594	1) DEPUY SYNTHES PRODUCTS INC
(32) Priority Date	:14/03/2013	Address of Applicant :325 Paramount Drive Raynham
(33) Name of priority country	:U.S.A.	Massachusetts 02767 U.S.A.
(86) International Application No	:PCT/US2014/021558	(72)Name of Inventor :
Filing Date	:07/03/2014	1)SCHALLER Konrad
(87) International Publication No	:WO 2014/159027	2)VOISARD Cyril
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : SURGICAL TORQUE LIMITING INSTRUMENT

(57) Abstract :

An instrument for limiting torque can include a method for limiting torque that is transferred from a handle of the instrument through a torque transfer member to a shaft that extends relative to the handle. The method can include applying a torque to the handle along a direction relative to the shaft. The method can include transmitting the applied torque from the handle through the torque transfer member to the shaft when the applied torque is less than a limited torque value. When the applied torque is greater than the limited torque value at least one of the torque transfer member and the handle deforms so as to allow the handle to rotate along the direction relative to both the torque transfer member and the shaft.

No. of Pages : 54 No. of Claims : 35

(19) INDIA

(22) Date of filing of Application :28/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : COMMUNICATION CONTROL DEVICE COMMUNICATION CONTROL METHOD AND COMMUNICATION DEVICE

 (51) International classification (31) Priority Document Not (32) Priority Date (33) Name of priority country (86) International Application No 	:H04W16/14,H04W28/06,H04W72/04) :2013045132 :07/03/2013 :Japan :PCT/JP2013/082397 :02/12/2013	 (71)Name of Applicant : 1)SONY CORPORATION Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075 Japan (72)Name of Inventor : 1)SAWAI Ryo
Filing Date (87) International Publication No	:WO 2014/136333	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

To enable more preferable wireless communication via a receiver even in cases when a transmitter and the receiver are using the same or proximate frequency bands. [Solution] Provided is a communication control device for controlling wireless communication in accordance with time division duplexing (TDD) said communication control device being provided with: a selection unit which selects from among a plurality of candidates of link direction configurations indicating link directions in subframe units in a wireless frame including a plurality of subframes a link direction configuration for the wireless communication; and an application unit which applies the selected link direction configuration to the wireless communication. The plurality of candidates include a downlink dedicated link direction configuration and/or an uplink dedicated link direction configuration.

No. of Pages : 104 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :26/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : COMPOSITIONS FOR PERMEABILISING FIXED BLOOD CELLS AND USES THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:G01N1/30,G01N33/53,G01N33/569 :61/747044 :28/12/2012 :U.S.A.	 (71)Name of Applicant : 1)BECKMAN COULTER INC. Address of Applicant :250 S. Kraemer Boulevard, Brea, California 92821 U.S.A. (72)Name of Inventor : 1)VAN AGTHOVEN Andreas
(86) International Application No Filing Date	:PCT/US2013/077518 :23/12/2013	
(87) International Publication No	:WO 2014/105837	
(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 cell treatment composition for the permeabilization of fixed blood cells, to the use of said composition, to a method for the treatment of a biological sample comprising fixation of said sample and subsequently contacting said biological sample with said cell treatment composition. The invention further relates and to a kit comprising said cell treatment composition.

No. of Pages : 57 No. of Claims : 31

(19) INDIA

(22) Date of filing of Application :26/08/2015

(54) Title of the invention : BAR SOAP COMPOSITIONS CONTAINING ZINC PYRITHIONE AND A ZINC PYRIDINE OXIDE	
COMPLEX	

(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:PCFiling Date:14	3/12(71)Name of Applicant : 1)THE PROCTER & GAMBLE COMPANY Address of Applicant :One Procter & Gamble Plaza Cincinnati Ohio 45202 U.S.A. 2)JIANG Chunpeng 3)LIMBERG Brian Joseph 4)SMITH Edward Dewey III 5)WANG Juan 6)LIU Zhe 7)CHENG Enjun 8)KELLY Casey Patrick 9)COOK Jason Edward 10)STENGER Patrick Christopher (72)Name of Inventor : 1)JIANG Chunpeng 2)LIMBERG Brian Joseph 3)SMITH Edward Dewey III 4)WANG Juan 5)LIU Zhe 6)CHENG Enjun 7)KELLY Casey Patrick 8)COOK Jason Edward 9)STENGER Patrick Christopher
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(57) Abstract :

Antimicrobial bar soap that contains zinc pyrithione and zinc pyridine oxide complex is provided. The bar soap is characterized by lenhanced discoloration resistance extended shelf life and increased antimicrobial efficacy.

No. of Pages : 36 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :26/08/2015

(54) Title of the invention : SOLID CONCENTRATE COMPOSITIONS CONTAINING ZINC PYRITHIONE

 (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 	:A61K8/00 :PCT/CN2013/072648 :14/03/2013 :China :PCT/CN2014/073389 :13/03/2014 :WO 2014/139449 :NA :NA :NA :NA	 (71)Name of Applicant : 1)THE PROCTER & GAMBLE COMPANY Address of Applicant :One Procter & Gamble Plaza Cincinnati (70)Name of Inventor : (72)Name of Inventor : (72)Name of Inventor : (72)Name of Inventor : (72)Name of Inventor : (72)Name of Inventor : (72)Name of Inventor : (72)Name of Inventor : (72)Name of Inventor : (72)Name of Inventor : (72)Name of Inventor : (7)NICDAO Raul Songco (8)LIMBERG Brian Joseph (9)SMITH Edward Dewey III (10)WANG Juan (11)CHENG Enjun (2)KELLY Casey Patrick (3)COOK Jason Edward (4)STRENGER Patrick Christopher (5)XU Xiujun (6)WEI Karl Shiqing
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(57) Abstract :

A solid concentrate concentrate composition comprising: (a) from 5% to 25% by weight of zinc pyrifhione (ZPT); (b) from 8% to 85% by weight of at least one surfactant preferably wherein the solid concentrate composition has a penetration hardness of between 20N and 50N according to the test method as disclosed herein.

No. of Pages : 37 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : BAR SOAP COMPOSITIONS CONTAINING ZINC PYRITHIONE AND A METAL PYRIDINE OXIDE COMPLEX

(51) International classification	:A61K8/27,A61K8/19,C11D3/12	(71)Name of Applicant :
(31) Priority Document No	:PCT/CN2013/072648	1)THE PROCTER & GAMBLE COMPANY
(32) Priority Date	:14/03/2013	Address of Applicant : One Procter & Gamble Plaza Cincinnati
(33) Name of priority country	:China	Ohio 45202 U.S.A.
(86) International Application	:PCT/CN2014/072565	(72)Name of Inventor :
No	:26/02/2014	1)JIANG Chunpeng
Filing Date	.20/02/2014	2)LIMBERG Brian Joseph
(87) International Publication N	o:WO 2014/139358	3)SMITH IIIEdward Dewey
(61) Patent of Addition to	:NA	4)WANG Juan
Application Number	:NA	5)LIU Zhe
Filing Date	.NA	6)CHENG Enjun
(62) Divisional to Application	:NA	7)KELLY Casey Patrick
Number	:NA	8)COOK Jason Edward
Filing Date	.INA	9)STENGER Patrick Christopher

(57) Abstract :

A bar soap composition contains zinc pyrithione (ZPT) a metal pyridine oxide complex preferably a zinc pyridine oxide complex and at least one surfactant.

No. of Pages : 37 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR DYEING GOLF BALLS AND DYED GOLF BALLS

 (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 	:A63B45/00,A63B37/14 :13/786031 :05/03/2013 :U.S.A. :PCT/US2014/014566 :04/02/2014 :WO 2014/137519 :NA :NA :NA :NA	 (71)Name of Applicant : NIKE INNOVATE C.V. Address of Applicant :One Bowerman Drive Beaverton Oregon 97005 U.S.A. (72)Name of Inventor : TUTMARK Bradley C. SCHOBORG Anna CHANG Yihua
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(57) Abstract :

A golf ball of a first color is dyed to a second color with an anionic or nonionic disperse dye. Either or both of the cover or an optional clear coating layer on the cover comprises a member selected from the group consisting of polyurethanes polyureas polyamides and combinations thereof which can be dyed by the anionic or nonionic disperse dye.

No. of Pages : 32 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :28/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD APPARATUS AND RADIO REMOTE UNIT FOR TRANSMITTING WIRELESS BASE BAND 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 (62) Divisional to Application Number Filing Date 	:H04L1/00 :201310033743.4 :29/01/2013 :China :PCT/CN2013/082222 :23/08/2013 :WO 2013/189431 :NA :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 (72)Name of Inventor : 1)ZHAN Jianming
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(57) Abstract :

Disclosed is a method for transmitting wireless base band data comprising: receiving a downlink base band signal transmitted by a base band processing unit (BBU) processing the downlink base band signal to modulate the downlink base band signal into a downlink intermediate frequency analog signal and outputting the downlink intermediate frequency analog signal to an Ethernet cable; obtaining from the Ethernet cable an uplink intermediate frequency analog signal which is detected and fed back and processing the uplink intermediate frequency analog signal; and taking the processed uplink intermediate frequency analog signal as a feedback input of digital pre distortion (DPD) obtaining an intermediate frequency analog signal from the Ethernet cable converting the intermediate frequency analog signal into an uplink base band signal and sending the uplink base band signal to the BBU. Embodiments of the present invention also provide a corresponding apparatus and radio remote unit (RRU) for transmitting wireless base band data. By adopting the solutions disclosed in the embodiments of the present invention transmission of a wireless base band signal between a BBU and an RRU can be implemented through an Ethernet signal + intermediate frequency signal + power over Ethernet (EIP) device thereby avoiding a high network deployment cost caused by the need of laying down an optical fiber or a microwave transmission network again.

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

(21) Application No.7611/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : OXYGEN ABSORBING RESIN COMPOSITION

(31) Priority Document No(32) Priority Date	:C08L67/00,B01J20/22,B01J20/26 :2013042603 :05/03/2013 :Japan :PCT/JP2014/055549 :05/03/2014 :WO 2014/136811	 (71)Name of Applicant : 1)MITSUBISHI GAS CHEMICAL COMPANY INC. Address of Applicant :5 2 Marunouchi 2 chome Chiyoda ku Tokyo 1008324 Japan (72)Name of Inventor : 1)IWAMOTO Shinpei 2)OKADA Satoshi 3)IKEDA Shinichi 4)ITO Fumihiro
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

This oxygen absorbing resin composition contains at least a transition metal catalyst and a polyester compound that contains the following: a constitutional unit (a) that has a specific tetralin ring; and a constitutional unit (b) derived from a specific polyfunctional compound that has a valence of 3 or more.

No. of Pages : 87 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :28/08/2015

(43) Publication Date : 22/01/2016

 (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 	:18/03/2014 :WO 2014/147068	 (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)JARAMILLO FREYDELL Gabriel Esteban 2)VERKAIK Antonius Gosen Maria 3)SMOLDERS Gerardus Johannes Franciscus
8		· ·
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)SMOLDERS Gerardus Johannes Franciscus
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : METHOD FOR PROTEIN EXTRACTION FROM OIL SEED

(57) Abstract :

The present invention relates to the selective extraction of proteins over oil from oil seed meal preferably from cold pressed oilseed meal for the purpose of producing protein isolates composed of native proteins. More specifically the invention describes a method for producing from oil seed meal an intermediate aqueous protein solution having a fat to protein ratio of at least 1:12 comprising subjecting oil seed meal to aqueous extraction under minimal shear conditions and optionally collecting the resulting intermediate aqueous protein solution.

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

(21) Application No.7755/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :28/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : AMINE SALTS OF PITAVASTATIN AND ROSUVASTATIN (51) International classification :C07D215/14,C07D239/42 (71)Name of Applicant : (31) Priority Document No 1)DSM SINOCHEM PHARMACEUTICALS :13161844.9 (32) Priority Date :29/03/2013 NETHERLANDS B.V. (33) Name of priority country :EPO Address of Applicant : P.O.Box 245 Alexander Fleminglaan 1 (86) International Application No NL 2613 AX Delft Netherlands :PCT/EP2014/056268 Filing Date (72)Name of Inventor: :28/03/2014 (87) International Publication No :WO 2014/154857 1)LANGE DE Ben (61) Patent of Addition to Application 2)VROOM DE Erik :NA Number :NA Filing Date (62) Divisional to Application Number :NA

:NA

(57) Abstract :

Filing Date

The present invention relates to oxygen comprising amine salts of HMG CoA reductase inhibitors to a method of producing said amine salts and to the use of said amine salts in the production of pharmaceutically acceptable salts of HMG CoA reductase inhibitors.

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

(19) INDIA

(22) Date of filing of Application :28/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : APPLICATION AND ACTIVIATION OF DURABLE WATER REPELLANT USING A DENSIFIED 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 	:D06L1/04 :61/770964 :28/02/2013 :U.S.A. :PCT/US2014/019397 :28/02/2014 :WO 2014/134435 :NA :NA	 (71)Name of Applicant : 1)CO2NEXUS Address of Applicant :6535 N. Washington Street Denver Colorado 80229 U.S.A. (72)Name of Inventor : 1)WHITNEY Stephen
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A pressurized system using densified fluid can apply and/or activate durable water repellant. Durable water repellant bound to fibers of an article of clothing can be activated by first removing contaminants via a pressurized densified fluid cleaning process and thereafter imputing energy into the durable water repellant via the article s interactionw ith the densified fluid and its gaseous rinse cycle.

No. of Pages : 39 No. of Claims : 45

(21) Application No.7759/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :28/08/2015

(43) Publication Date : 22/01/2016

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:F01L1/356 :2013215705 :16/10/2013 :Japan :PCT/IP2014/076939	 (71)Name of Applicant : 1)AISIN SEIKI KABUSHIKI KAISHA Address of Applicant :1 Asahi machi 2 chome Kariya shi Aichi 4488650 Japan (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	:08/10/2014 :WO 2015/056617 :NA :NA :NA :NA	1)KOBAYASHI Masaki 2)YAMAKAWA Yoshiaki 3)UEDA Kazuo

(54) Title of the invention : VALVE OPEN/CLOSE PERIOD CONTROL DEVICE

(57) Abstract :

Provided is a valve open/close period control device capable of controlling both locking in an intermediate lock phase by a retarding action and locking in an intermediate lock phase by an advancing action using one solenoid valve. The valve open/close period control device is provided with: a housing that rotates synchronously with a crankshaft; an internal rotor disposed on the inner side of the housing the internal rotor rotating integrally with a camshaft; a hydraulic pressure chamber formed between the housing and the internal rotor; an intermediate lock mechanism in which a locked state and an unlocked state are switched by the supply and drainage of hydraulic oil; an unlocking channel for allowing the passage of hydraulic oil supplied to and drained from the intermediate lock mechanism; a lock discharge channel for allowing the passage of hydraulic oil discharged from the intermediate lock mechanism; and a solenoid valve for controlling the supply and drainage of hydraulic oil to and from the hydrwulic pressure chamber and the intermediate lock mechanism. In this valve open/close period control device the lock discharge channel allows the passage of hydraulic oil when the rate of power supply to the solenoid valve is 0 and at the maximum.

No. of Pages : 29 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :27/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : HYBRID COMPOSITE NANOMATERIALS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C08K9/02,C08K9/04,H01L31/042 :UD2013A000030 :01/03/2013 :Italy :PCT/IB2014/059220 :25/02/2014	 (71)Name of Applicant : 1)KUMAR Sumeet Address of Applicant :Nirmal Niketan c/o. Jagdish Narayan 3 A/246 A Azad Nagar Kanpur 208002 Uttar Pradesh India (72)Name of Inventor : 1)KUMAR Sumeet
(87) International Publication No	:WO 2014/132183	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A hybrid composite nanomaterial comprising a hydrotalcite like layered double hydroxide compound provided with one or more lanthanide elements inserted into the 2D layers and one or more organic inorganic (DONOR/ACCEPTOR) compounds or acids or salts thereof intercalated between them as shown in figure 1 and figure 31. The innovative co axial design for encapsulating the active layer(s) of a hybrid organic inorganic solar cell together with the insertion of the hydrotalcite like nanocomposite for light energy down and up conversion thereby not only providing the active material more convertible energy but also provide the opportunity to incorporate insitu the co axial geometry or envisage a standalone pair of a Photoelectrochemical (PEC) and Fuel cell (FC) to work in parallel to the organic inorganic solar cell or as standalone respectively. The nanocomposite hydrotalcite like materials or their derivatives are projected to be dispersed inside the co axial geometry where they can occupy the role of respective electrodes for the PEC/FC and also adsorb the evolved hydrogen for its future use whereby they can also convert the excess hydrogen into utilizable electricity when in presence of organic inorganic solar cell as its complementary existence around its co axial layers or inside it as shown in figure 32 (a) and (b). The potential to use the co axial hybrid organic inorganic cell (PEC/FC) as standalone driven by any other power source than the organic inorganic solar cell is also envisaged upon.

No. of Pages : 79 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :27/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : INHIBITORS OF HISTONE DEMETHYLASES

 (51) International classification (31) Priority Document Not (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to 	:27/02/2013 :Denmark :PCT/EP2014/053674 :26/02/2014 :WO 2014/131777	 (71)Name of Applicant : (71)Name of Applicant : (1)EPITHERAPEUTICS APS Address of Applicant :Ole Maal, es Vej 3 DK 2200 K, benhavn N Denmark (72)Name of Inventor : 1)LABELLE Marc 2)BOESEN Thomas 3)KHAN Qasim (4)VAKITI Ramkrishna Reddy 5)SHARMA Utpal 6)YANG Ying 7)MEHROTRA Mukund
(61) Patent of Addition to Application Number Filing Date	:NA :NA	7)MEHROTRA Mukund 8)SARASWAT Neerja 9)ULLAH Farman
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Compounds of the form In which Q is selected from CH=NR W CH=NHR CH=O and CH(OR) 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 and formulations and methods of use of such compounds.

No. of Pages : 250 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :27/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : ALL TERRAIN VEHICLE (51) International classification :B60G3/20,B60G7/00,B60G15/07 (71)Name of Applicant : (31) Priority Document No 1)POLARIS INDUSTRIES INC. :13/783216 (32) Priority Date :01/03/2013 Address of Applicant :2100 Highway 55 Medina MN 55340 (33) Name of priority country :U.S.A. 9770 U.S.A. (72)Name of Inventor: (86) International Application :PCT/US2014/019952 No 1)KVIEN Matthew M. :03/03/2014 Filing Date 2)LOVOLD Jeff S. (87) International Publication **3)WYSOCKI Timothy S.** :WO 2014/134610 No 4)KNOCHENMUS Russell L. (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

An ATV is disclosed having a frame a seat supported by the frame front and rear wheels supporting the frame a drivetrain supported by the frame and an operator s compartment extending generally between the seat and a front enclosure. The ATV includes foot pedals to control the speed and acceleration of the vehicle. The ATV may include a floorboard including a footwell and a dead pedal for locating the operator s foot relative to the foot pedals.

No. of Pages : 91 No. of Claims : 38

(19) INDIA

(22) Date of filing of Application :28/08/2015

(54) Title of the invention : LIGHT COLOURED TEA BEVERAGE

(43) Publication Date : 22/01/2016

		-
(51) International classification	:A23F3/16	(71)Name of Applicant :
(31) Priority Document No	:2013042412	1)SUNTORY BEVERAGE & FOOD LIMITED
(32) Priority Date	:04/03/2013	Address of Applicant :3 1 1 Kyobashi Chuo ku Tokyo
(33) Name of priority country	:Japan	1040031 Japan
(86) International Application No	:PCT/JP2014/055512	(72)Name of Inventor :
Filing Date	:04/03/2014	1)KOBAYASHI Shinichi
(87) International Publication No	:WO 2014/136797	2)FURUTA Hiroki
(61) Patent of Addition to Application	• NI A	3)SENGA Yoshinori
Number	:NA	4)IBUSUKI Daigo
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is a beverage which has a stable colour tone and flavour even if stored in a heated state or stored for a long period. The packaged green tea beverage contains ascorbic acid at a concentration of 100 800 ppm and value at a concentration of 1 200 ppm. The degree of brightness (L) and the degree of colour saturation (C) of the beverage which are measured by a colour difference meter satisfy the following: (i) 75=L=95 (ii) 15=C=25

No. of Pages : 31 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :28/09/2012

(43) Publication Date : 22/01/2016

(51) International classification	:B61L3/12,B61L1/00	(71)Name of Applicant :
(31) Priority Document No	:10 2010 020 421.8	1)DB Netz AG
(32) Priority Date	:12/05/2010	Address of Applicant : Theodor Heuss Allee 7 60486 Frankfurt
(33) Name of priority country	:Germany	am Main Germany
(86) International Application No	:PCT/EP2011/002011	(72)Name of Inventor :
Filing Date	:20/04/2011	1)SCHL–GL Andreas
(87) International Publication No	:WO 2011/141118	2)VAIHINGER Stefan
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : FASTENING AND PROTECTIVE DEVICE FOR A EUROBALISE

(57) Abstract :

The invention relates to a fastening and protective device for a Eurobalise that is used in the track area of rail based railway traffic. The invention aims to develop a fastening and protective device for holding track balises which allows the balise to be effectively protected from hazards arising from railway operations and which does not impair the transmitting and receiving characteristics of the balise. To achieve this according to the invention the balise is preferably embedded centrally in a recess of a balise support and the surface of the balise runs flush with said recess. The end faces of the balise support are rounded or have a pointed form and the support has a U shaped cross section. The lower face of the balise support facing away from the balise has a channel in the form of transverse groove and said balise support is detachably connected to the rail base of the two tracks or of the slab track by means of at least one fastening system or directly to the slab track or sleeper by anchor bolts.

No. of Pages : 69 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :28/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHODS AND COMPOSITIONS FOR TREATING CANCERS HAVING ACQUIRED RESISTANCE TO CHEMOTHERAPEUTIC AND TARGETED DRUGS USING CARBOXYAMIDOTRIAZOLE OROTATE

 (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 	:01/04/2013 :U.S.A. :PCT/US2014/032253 :28/03/2014 :WO 2014/165412 :NA :NA :NA	 (71)Name of Applicant : 1)TACTICAL THERAPEUTICS INC. Address of Applicant :44 Wall Street Suite 2003 New York NY 10005 U.S.A. (72)Name of Inventor : 1)KARMALI Rashida A.
Application Number Filing Date	:NA :NA	

(57) Abstract :

This invention provides methods and compositions useful for treating early and late stage metastatic cancer to prevent or treat acquired resistance due to gene amplification or mutation in response to chemotherapeutic and/or targeted drugs. In particular the methods and compositions include carboxiamidotriazole orotate (CTO) alone or in combination with specific regimens of chemotherapeutic and/or targeted drugs designed to overcome the genomic resistance raised to prior therapy.

No. of Pages : 24 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :28/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : SUBSTITUTED OXOPYRIDINE DERIVATIVES AND USE THEREOF IN THE TREATMENT OF CARDIOVASCULAR DISORDERS

(51) International		(71)Name of Applicant :
classification	:C07D413/14,C07D213/85,C07D401/12	1)BAYER PHARMA AKTIENGESELLSCHAFT
(31) Priority Document		Address of Applicant :M ¹ /4llerstr. 178 13353 Berlin Germany
No	:13161588.2	(72)Name of Inventor :
(32) Priority Date	:28/03/2013	1)R–HRIG Susanne
(33) Name of priority		2)HILLISCH Alexander
country	:EPO	3)STRABURGER Julia
(86) International		4)HEITMEIER Stefan
Application No	:PCT/EP2014/056135	5)SCHMIDT Martina Victoria
Filing Date	:27/03/2014	6)SCHLEMMER Karl Heinz
(87) International		7)TERSTEEGEN Adrian
Publication No	:WO 2014/154794	8)BUCHMLLER Anja
(61) Patent of Addition to)	9)GERDES Christoph
Application Number	INA	10)SCH,,FER Martina
Filing Date	:NA	11)KINZEL Tom
(62) Divisional to		12)TELLER Henrik
Application Number	:NA	13)SCHIROK Hartmut
Filing Date	:NA	14)KLAR J ¹ /4rgen
I ming Dute		15)JIMENEZ NUNEZ Eloisa

(57) Abstract :

The invention relates to substituted oxopyridine derivatives of the formula in which R is a group of the formula where is the attachment site to a oxopyridine ring R is bromine chlorine fluorine methyl difluoromethyl trifluoromethyl methoxy difluoromethoxy or trifluoromethoxy R is bromine chlorine fluorine cyano nitro hydroxyl methyl difluoromethyl trifluoromethyl methoxy ethoxy difluoromethoxy trifluoromethoxy ethyr 3 3 trifluoroprop l yn l yl or cyclopropyl and to processes for preparation thereof and to the use thereof for production of medicaments for treatm and/or prophylaxis of diseases especially of cardiovascular diseases preferably thrombotic or thromboembolic diseases and of oedemas and also ophthalmological disorders.

No. of Pages: 475 No. of Claims: 12

(19) INDIA

(22) Date of filing of Application :28/08/2015

(43) Publication Date : 22/01/2016

(51) International classification	:F16H21/14	(71)Name of Applicant :
(31) Priority Document No	:61/770790	1)TECHNETICS GROUP LLC
(32) Priority Date	:28/02/2013	Address of Applicant :5605 Carnegie Boulevard Suite 500
(33) Name of priority country	:U.S.A.	Charlotte NC 28209 U.S.A.
(86) International Application No	:PCT/US2014/018675	(72)Name of Inventor :
Filing Date	:26/02/2014	1)DIMARCO Bradley
(87) International Publication No	:WO 2014/134167	2)GLAFENHEIN Aaron
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : COAXIAL ROTARY SHAFT FEEDTHROUGH WITH BACKLASH REDUCTION

(57) Abstract :

A sealed dual coaxial rotary shaft feedthrough device is provide. The device includes an inner shaft and a hollow outer shaft that is coaxial to encompass the inner shaft. The shafts include coupled drive and driven shafts. The coupling which may be referred to as an eccentric coupling causes the driven shaft to rotate with the drive shaft. The rotation is transmitted without breaking the seal by an eccentric portion of either the drive or driven shaft being nutatingly coupled to either a transition cap or transition cup. Nutatingly coupled means rotation of the shaft causes the transition cap or cup to orbit but not spin about the longitudinal axis. The nutation is transmitted by the transition cap or cup to the other of the shafts which rotates.

No. of Pages : 42 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :28/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : PHARMACEUTICALLY ACCEPTABLE AMINE SALTS OF PITAVASTATIN

 (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 	:C07D215/14,A61K31/47 :13161842.3 :29/03/2013 :EPO :PCT/EP2014/056243 :28/03/2014 :WO 2014/154845	 (71)Name of Applicant : 1)DSM SINOCHEM PHARMACEUTICALS NETHERLANDS B.V. Address of Applicant :P.O. Box 245 Alexander Fleminglaan 1 NL 2613 AX Delft Netherlands (72)Name of Inventor : 1)LANGE DE Ben
 (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 pharmaceutically acceptable amine salts of pitavastatin and a method for producing pharmaceutically acceptable amine salts of pitavastatin. Also provided are pharmaceutical compositions of these amine salts or solvates thereof and methods of their use as HMG CoA reductase inhibitors.

No. of Pages : 20 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :01/10/2012

(43) Publication Date : 22/01/2016

		1
(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:61/314,540	1)LIT MOTORS CORPORATION
(32) Priority Date	:16/03/2010	Address of Applicant :1086 Folsom Street San Francisco CA
(33) Name of priority country	:U.S.A.	94103 U.S.A.
(86) International Application No	:PCT/US2011/022409	(72)Name of Inventor :
Filing Date	:25/01/2011	1)KIM Daniel Kee Young
(87) International Publication No	:WO/2011/115699	2)BRETNEY Kevin
(61) Patent of Addition to Application	:NA	3)TSANG Anderew L.
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : GYROSCOPIC STABILIZED VEHICLE

(57) Abstract :

Embodiments of the invention describe receiving via a plurality of sensors data indicating vehicle information. Said information may indicate at least orientation of a frame of a vehicle orientation of a front wheel of the vehicle with respect to the frame orientation and rotational speed of a first and second flywheel and speed of the vehicle. In one embodiment each flywheel is included in a first and second gyroscope coupled to the vehicle frame. Based at least in part on the data received from the plurality of sensors at least one of the orientation and rotational speed of at least one of the flywheels may be adjusted. Said adjustment may further be based on an input to change at least one of speed and direction of the vehicle.

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

(22) Date of filing of Application :26/08/2015

(54) Title of the invention · PRINTING PROCESS

(43) Publication Date : 22/01/2016

	ROCEDD	
(51) International classification	:C09D11/00	(71)Name of Applicant :
(31) Priority Document No	:1305107.3	1)FUJIFILM IMAGING COLORANTS INC.
(32) Priority Date	:20/03/2013	Address of Applicant :233 Cherry Lane New Castle Delaward
(33) Name of priority country	:U.K.	19720 U.S.A.
(86) International Application No	:PCT/GB2014/050750	(72)Name of Inventor :
Filing Date	:13/03/2014	1)MORRIS Daniel
(87) International Publication No	:WO 2014/147373	2)CORDWELL Janette
(61) Patent of Addition to Application	:NA	3)DOUBLE Philip
Number	:NA :NA	4)EDWARDS Martin
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

An ink jet printing process where the ink is printed onto a substrate using an ink jet printer with an ink re circulating print head and where the ink comprises: (a) 0.1 to 10 parts of a self dispersible pigment; (b) 1 to 20 parts of a latex binder; (c) 5 to 15 parts of one or more polar organic solvent(s) with a solubility parameter at 25°C greater than 27.5; (d) 0.1 to 3 parts of a surfactant; (e) 0.001 to 5 parts of biocide; (f) 0 to 10 parts of a viscosity modifier; (g) 0 to 5 parts of one or more organic solvents with a solubility parameter at 25°C less than 27.5; (h) 0 to 5 parts of a cross linking agent; (i) the balance to 100 parts water: and where the face plate of the ink re circulating print head shows a contact angle with water of less than 90°. Also printed substrates inks ink jet ink containers and ink jet printers.

No. of Pages : 37 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :03/10/2012

(43) Publication Date : 22/01/2016

(51) International classification	:G01N	(71)Name of Applicant :
(31) Priority Document No	:61/320,221	1)MEDICAL RESEARCH COUNCIL
(32) Priority Date	:01/04/2010	Address of Applicant :7th Floor Lynton House 7-12 Tavistock
(33) Name of priority country	:U.S.A.	Square London WC1H 9LT United Kingdom U.K.
(86) International Application No	:PCT/GB2011/000425	2)CAMBRIDGE ENTERPRISE LIMITED
Filing Date	:24/03/2011	3)UNIVERSITY OF OTAGO
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application	:NA	1)DAVID KRISHNA MENON
Number	:NA	2)MICHAEL P MURPHY
Filing Date	.1174	3)FRANKLIN IMO AIGBIRHIO
(62) Divisional to Application Number	:NA	4)ROBIN A J SMITH
Filing Date	:NA	

(54) Title of the invention : LIPOPHILIC CATIONIC PROBE FOR PET- IMAGING •

(57) Abstract :

The present invention provides an imaging probe which comprises a lipophilic cation, a hydrophobic moiety and a 0 PET nucleus. The present invention also provides a precursor molecule for the production of such an imaging probe and methods for using the probe for analysing mitochondrial membrane potential in a subject.

No. of Pages : 41 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :03/10/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : FRONT BEARING OF A HEAT ENGINE STARTER HAVING AN OUTPUT PINION AND STARTER HAVING AN OUTPUT PINION COMPRISING SUCH A BEARING •

 (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 	:B65B :1052272 :29/03/2010 :France :PCT/EP2011/050571 :21/03/2011 : NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)VALEO EQUIPEMENTS ELECTRIQUES MOTEUR Address of Applicant :2 rue Andr Boulle F-94046 Crteil Cedex France (72)Name of Inventor : 1)ALEXIS CHALMET 2)THIERRY PALTRIE
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(57) Abstract :

Abstract (EN): The front bearing (110) of a heat engine starter having an output pinion starter drive (120) comprises, in the front, a transverse wall (111) having an opening (112), for passing a body (122) of the starter drive (120) thereto ough, and a cavity (200) for mounting a sealing joint (240), said cavity being set up on the inner periphery of the rear surface (400) of said front bearing. Said rear surface is configured so as to form a bearing abutment for the outer ring (231) of a rolling bearing (230) and moreover has at least one hollowed-out area (300) intended to be filled with grease so as to form a grease supply. Said hollowed-out area is mostly set up outside the cavity. A heat engine starter having an output pinion is characterized in that it comprises one such front bearing.

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

(19) INDIA

(22) Date of filing of Application :03/10/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : BLOCK COPOLYMER DERIVED FROM RENEWABLE MATERIALS AND METHOD FOR MAKING SUCH A BLOCK COPOLYMER •

 (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 	:05/04/2011 : NA :NA :NA	 (71)Name of Applicant : 1)ARKEMA FRANCE Address of Applicant :420 rue dEstienne dOrves F-92700 Colombes France (72)Name of Inventor : 1)FREDERIC MALET 2)GUILLAUME LE 3)JULIEN JOUANNEAU
1 (01110)01	:NA :NA :NA	

(57) Abstract :

The invention relates to a block copolymer derived from at least one ethylene oxide and/or propylene oxide monomer containing 14c. The present invention also relates to a method for preparing such a block copolymer.

No. of Pages : 57 No. of Claims : 35

(19) INDIA

(22) Date of filing of Application :03/10/2012

(43) Publication Date : 22/01/2016

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:2010-062946	1)KAO CORPORATION
(32) Priority Date	:18/03/2010	Address of Applicant :14-10 Nihonbashi-kayabacho 1-chome
(33) Name of priority country	:Japan	Chuo-ku Tokyo 1038210 Japan
(86) International Application No	:PCT/JP2011/056581	(72)Name of Inventor :
Filing Date	:18/03/2011	1)AKIRA YOSHIDA
(87) International Publication No	:WO 2011/115258	2)TOSHIKI MATSUO
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		·

(54) Title of the invention : BINDER COMPOSITION FOR USE IN MOLD MANUFACTURING •

(57) Abstract :

The present invention provides a binder composition for use in mold manufacturing that is capable of preventing a deterioration in the mold strength in a high-humidity environment, and further restraining the generation of an irritant gas at the time of casting; and a mold manufacturing composition wherein this binder composition is used. In order to provide such the binder composition, the binder compo:;ition for use in mold manufacturing, comprises a furan resin, and a 10 metal. compound containing one or more metal elements selected from the group consisting of elements in the Groups 2, 4, 7, 10, 11 and 13 of the periodic table, wherein the content by percentage of the metal element(s) in the binder composition is from 0.01 to 0.7C% by weight, and the metal compound is one or more metal. compounds selected from hydroxides, nitrates, oxides, organic acid salts, alkoxides, and ketone complexes.

No. of Pages : 47 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

 (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 	:10 2013 206 875.1 :16/04/2013 :Germany :PCT/EP2014/055879 :24/03/2014 :WO 2014/170095 :NA :NA	 (71)Name of Applicant : 1)DRR ECOCLEAN GMBH Address of Applicant :M¹/4hlenstrasse 12 70794 Filderstadt Germany (72)Name of Inventor : 1)F-RSTER Michael
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : SYSTEM FOR TREATING WORKPIECES

(57) Abstract :

The invention relates to a system (10) for treating workpieces (28). In the system (10) there is at least one treatment station (50 54) for treating a workpiece (28) placed in a treatment position (52 56) with a fluid. The system (10) has a handling device (16) for workpieces (28) with which a workpiece (28) provided on a workpiece holder (12) can be picked up and moved into a treatment position (52 56) in the at least one treatment station (52 56). The handling device (16) has a base (18) and a support arm (20) which is hinged to the base (18) and can move at the base (18) about a first pivot axis (30).

No. of Pages : 37 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : TWO POSITION VALVE WITH FACE SEAL AND PRESSURE RELIEF PORT

 (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 	:14/03/2014	 (71)Name of Applicant : TENNECO AUTOMOTIVE OPERATING COMPANY INC. Address of Applicant :500 North Field Drive Lake Forest Illinois 60045 U.S.A. (72)Name of Inventor : NOESSLE Matthew L. MALLIN Thomas P. MCGAHEY John GARDNER Jeffrey T.
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(57) Abstract :

A shock absorber has a housing with a piston rod assembly disposed therein. A first rod guide member is secured within a first portion of the housing so as to be concentrically disposed about at least a portion of the piston rod assembly. A second rod guide member is secured within the housing adjacent the first rod guide member so as to be concentrically disposed about at least another portion of the piston rod assembly. A digital valve assembly is disposed within the second rod guide member and fluidly couples chambers within the shock absorber.

No. of Pages : 37 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :04/10/2012

(43) Publication Date : 22/01/2016

(51) International classification	:C02F1/46	(71)Name of Applicant :
(31) Priority Document No	:12/771597	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:30/04/2010	Address of Applicant :1 River Road Schenectady NY 12345
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2011/033044	(72)Name of Inventor :
Filing Date	:19/04/2011	1)BARBER John Harold
(87) International Publication No	:WO 2011/136980	2)GUTOWSKI Wojciech
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : METHOD FOR SANITIZING AN ELECTRODEIONIZATION DEVICE

(57) Abstract :

The present invention has the technical effect of disinfecting an EDI device of a water purification system The present invention may be applied to an EDI device having an internal chamber comprising ion exchange components. The internal chamber may also comprise a plurality of ion selective membranes positioned between the anode and the cathode compartments. As illustrated and described herein embodiments of the present invention seek to sanitize the EDI device without sanitization chemicals or a water supply. Embodiments of the present invention disinfect the EDI device by applying electrical power. Here an electrical supply device heats the EDI device through resistive heating of the internal chambers to a sanitization temperature. The resistive heating is a result of ionic movement through the internal chamber. The friction that is created through the ionic movement increases the temperature within the internal chamber.

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

(19) INDIA

(22) Date of filing of Application :04/10/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR RECOGNITION AND QUANTIFICATION OF MULTIPLE ANALYTES IN A SINGLE ANALYSIS •

 (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 	:A47J :NA :NA :NA :PCT/US2010/026819 :10/03/2010 :WO 2011/112188 :NA :NA :NA :NA	 (71)Name of Applicant : 1)PERFINITY BIOSCIENCES INC. Address of Applicant :3000 Kent Avenue West Lafayette IN 47906 U.S.A. (72)Name of Inventor : 1)FRED E. REGNIER 2)NICHOLAS B. HEROLD 3)KEVIN W. MEYER
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(57) Abstract :

A multi-dimensional method for simultaneously analyzing multiple analytes within a sample solution, comprising r(adding affmity selectors to a sample solution containing analytes to be measured, the affmity selectors having an affmity for one or more of the analytes within the sample solution; allowing immune complexes to form between the affmity selectors and the anc. I alytes; partially or totally resolving the formed immune complexes fkom non-analyte substances within the sample solution; disso- 0 ciating the resolved immune complexes; separating the analytes and the affmity selectors of the dissociated immune complexes 3 fkom one another by capturing the analytes through a surface adsorption process; transferring the captured analytes to a detection means; and resolving the analytes with the detection means in accordance with their mass-to-charge ratios.

No. of Pages : 67 No. of Claims : 40

(19) INDIA

(22) Date of filing of Application :27/08/2015

(43) Publication Date : 22/01/2016

(51) International classification	:F15B21/14,F15B9/00	(71)Name of Applicant :
(31) Priority Document No	:13/770858	1)CATERPILLAR INC.
(32) Priority Date	:19/02/2013	Address of Applicant :100 N.E. Adams St. Peoria Illinois
(33) Name of priority country	:U.S.A.	61629 U.S.A.
(86) International Application No	:PCT/US2014/016083	(72)Name of Inventor :
Filing Date	:12/02/2014	1)MA Pengfei
(87) International Publication No	:WO 2014/130324	2)SHANG Tonglin
(61) Patent of Addition to Application	:NA	3)ZHANG Jiao
Number		4)CHEN Dayao
Filing Date	:NA	5)WEN Gang Victor
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : ENERGY RECOVERY SYSTEM FOR HYDRAULIC MACHINE

(57) Abstract :

An energy recovery system (50) is disclosed for use with a hydraulic machine (10). The energy recovery system may have a tank (60) a pump (58) configured to draw fluid from the tank and pressurize the fluid an actuator (28) and an actuator control valve (202) movable to direct pressurized fluid from the pump to the actuator and from the actuator to the tank to move the actuator. The energy recovery system may also have a motor (241) mechanically connected to a rotary device (58 59) and configured to selectively receive fluid discharged from the actuator and at least one valve (254 256) movable to selectively redirect fluid exiting the motor back to the actuator.

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

(22) Date of filing of Application :28/09/2012

(43) Publication Date : 22/01/2016

(51) International classification	:C08F	(71)Name of Applicant :
(31) Priority Document No	:PCT/CN2010/000422	1)BAYER INTELLECTUAL PROPERTY GMBH
(32) Priority Date	:01/04/2010	Address of Applicant : Alfred-Nobel-Strasse 10 40789
(33) Name of priority country	:China	Monheim Germany
(86) International Application No	:PCT/EP2011/054732	(72)Name of Inventor :
Filing Date	:28/03/2011	1)STEPHAN KONRAD
(87) International Publication No	:WO 2011/120921	2)HEINRICH H"HNSEN
(61) Patent of Addition to Application	:NA	3)KARL-HEINZ K–HLER
Number	:NA :NA	4)TORSTEN HAGEN
Filing Date	INA	5)MARC BUTS
(62) Divisional to Application Number	:NA	6)DANIEL KOCH
Filing Date	:NA	7)FRANK GULDENTOPS

(54) Title of the invention : MELT POLYCARBONATE HAVING IMPROVED HEAT AGEING •

(57) Abstract :

The present invention for the treatment of endometriosis relates to providing a parenteral dosage form (delivery system) for the controlled release of an aromwtase inhibitor (AI) in a daily release rate that does not induce stimulation of the ovaries by negative feedback of the pituitary-ovarian-axis (which would cause secretion of gonadotropins and 5 stilnulation of ovarian follicular growth) and a gestrgen in a daily release rate below the ovulation inhibition dose that provides contraceptive efficacy based on local effects (e.g. reducing and thickening of the cervical mucus impairing sperm ascension, effects on the endometrium and on tuba1 motility impairing implantation and egg transport).

No. of Pages : 25 No. of Claims : 11

(22) Date of filing of Application :28/09/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : OXYGEN, WATER VAPOR, AND CARBON DIOXIDE ABSORPTION IN A SINGLE USE CONTAINER •

(5 1) T. (0070	
(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:12/751,583	1)MULTISORB TECHNOLOGIES INC.
(32) Priority Date	:31/03/2010	Address of Applicant :325 Harlem Road Buffalo NY 14224
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2011/029697	(72)Name of Inventor :
Filing Date	:24/03/2011	1)JOHN W. CRUMP
(87) International Publication No	:WO 2011/123308	2)CHIEH-CHUN CHAU
(61) Patent of Addition to Application	:NA	3)GEORGE E. MCKEDY
Number	:NA	4)DAVID S. PAYNE
Filing Date	INA	5)THOMAS H. POWERS
(62) Divisional to Application Number	:NA	6)STANISLAV E. SOLOVYOV
Filing Date	:NA	7)THOMAS J. HURLEY

(57) Abstract :

The invention provides for an extended shelf life single portion package including a container having therein a material for mammal ingestion that degrades by exposure to oxygen, water vapor, or carbon dioxide, an absorber selected from at least one of a carbon dioxide absorber, water vapor absorber, and oxygen scavenger wherein the container is substantially impervious to oxygen, carbon dioxide, and water vapor.

No. of Pages : 55 No. of Claims : 35

(19) INDIA

(22) Date of filing of Application :28/09/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : PARENTERAL PHARMACEUTICAL FORM WHICH RELEASES AROMATSE INHIBITOR AND GESTAGENS, FOR THE TREATMENT OF ENDOMETRIOSIS •

(57) Abstract :

The invention relates to a polycarbonate having inlproved heat ageing and reduced subsequent yellowing of the nouldingsp roduced therefrom on heat ageing wit11 otherwise equally good optical properties of the polycarbonate during processing, the polycarbonate being prepared from bisphenols and diphenyl carbonate by the transesterification process in the melt, referred to below as melt polycarbonate.

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

(19) INDIA

(22) Date of filing of Application :28/09/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : A PUNCTURING DEVICE WITH A NEEDLE SHIELD AND A METHOD FOR NEEDLE SHIELD REMOVAL •

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:61/309,010 :01/03/2010 :U.S.A.	 (71)Name of Applicant : 1)SERGEY POPOV Address of Applicant :P.O.Box 4583 84144 Beer-Sheva Israel Israel (72)Name of Inventor : 1)SERGEY POPOV
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2011/107980 :NA :NA :NA :NA	

(57) Abstract :

Puncturing device Fig.6 with needle shield 2, having a needle subassembly 1 and a needle shield 2 detachably mounted on the needle subassembly 1 for enclosing the needle distal end 9 up to the device usage, wherein said needle shield 2 has an actuating means 17 which being moved to a retracted position disengages the needle shield 2 from the needle assembly 1, wherein the detaching movement of the actuating means 17 is significantly shorter than the length of the needle 8.

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

(19) INDIA

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

(43) Publication Date : 22/01/2016

(54) Title of the invention : PROCESS TO PRODUCE CULTURED PEARL PRODUCT THROUGH TRANSPLANTATION BY USING NATURAL PEARL NUCLEUS WASTE •

 (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 	:C07C :P00201000814 :02/12/2010 :Indonesia :PCT/ID2011/000006 :10/11/2011 :WO 2011/073226 :NA :NA :NA :NA	 (71)Name of Applicant : 1)PT. SELAT ALAS Address of Applicant :Jl. Tenun No. 4 Cakranegara Kota Mataram 83235 Lombok NTB Indonesia (72)Name of Inventor : 1)BUDIYANTO HALIM
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(57) Abstract :

This invention is relating to a process to produce cultured pearl through transplantation by using natural pearl waste, c.l with silver pearl product contains COC03 of 80.82% weight, Mg C03 of 2.16% weight, Ca3 (P04)2 of 0.16% weight, SiO2 of 9.54% 0 weight, the rest are A1203 + Fez 03 with the temperature under H OCO with evaporated H20 of 13.44% weight. By applying injection 3 of softened epithelium cell to become small cuts injected into gonadal cavity by using sodium chloride solution 0.90% to touch surface natural pearl nucleus as its transplanter. ()

No. of Pages : 25 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :27/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : EARLY DETECTION AND ELIMINATION OF NON GERM LINE EVENTS IN THE SOYBEAN TRANSFORMATION 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 	:PCT/US2014/028955 :14/03/2014 :WO 2014/144513 :NA :NA	 (71)Name of Applicant : 1)DOW AGROSCIENCES LLC Address of Applicant :9330 Zionsville Rd. Indianapolis Indiana 46268 U.S.A. (72)Name of Inventor : 1)SAMUEL Jayakumar P. 2)CHENNAREDDY Sivarama R. 3)BOWLING Andy 4)WHITTECK John 5)MINNICKS Tatyana 6)PAREDDY Dayakar 7)YAU Kerrm Y. 8)SMITH Kelley A.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present disclosure relates in part to a method for identifying a soybean germline transformant from a population of soybean transformants which are comprised of a combination of soybean non germline transformants and soybean germline transformants. The soybean non germline transformants are identified and eliminated early in the transformation process. The soybean germline transformants are detected and selected for culturing into mature soybean plants. The method is readily applicable for screening and obtaining a soybean germline transformant at an early stage in the transformation process.

No. of Pages : 65 No. of Claims : 18

(19) INDIA

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

(43) Publication Date : 22/01/2016

(54) Title of the invention : PROCESS FOR PRODUCTION OF STEEL SHEET FOR CONTAINER MATERIAL WHICH HAS REDUCED LOAD ON ENVIRONMENTS STEEL SHEET FOR CONTAINER MATERIAL WHICH HAS REDUCED LOAD ON ENVIRONMENTS AND LAMINATE STEEL SHEET FOR CONTAINER MATERIAL AND COATED PRECOAT STEEL SHEET FOR CONTAINER MATERIAL WHICH ARE PRODUCED USING THE STEEL SHEET •

(51) International classification	:C22C	(71)Name of Applicant :
(31) Priority Document No	:2010-087909	1)NIPPON STEEL CORPORATION
(32) Priority Date	:06/04/2010	Address of Applicant :6-1 Marunouchi 2-chome Chiyoda-ku
(33) Name of priority country	:Japan	Tokyo 1008071 Japan
(86) International Application No	:PCT/JP2011/059121	(72)Name of Inventor :
Filing Date	:06/04/2011	1)NOBUO KADOWAKI
(87) International Publication No	:WO 2011/126137	2)HIRONORI NAKAYMA
(61) Patent of Addition to Application	. NT A	3)YUJI ABE
Number		
	:NA	
6	·NA	
 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:Japan :PCT/JP2011/059121 :06/04/2011	Tokyo 1008071 Japan (72)Name of Inventor : 1)NOBUO KADOWAKI 2)HIRONORI NAKAYMA

(57) Abstract :

Disclosed is a method for the cathodic electrocoating of a tin-coated steel sheet in a treatment 5 solution that does not contain any Cr compound, F or nitrite nitrogen. In the method, a tin oxide layer that is not subjected to a cathodic electrocoating treatment yet and is arranged on a tin-coated steel sheet is thinned to a specified thickness or less by a cathodic 10 electrocoating treatment in an aqueous solution containing sodium carbonate or sodium hydrogen carbonate or a aqueous sulfuric acid solution immersion treatment, and the tin oxide layer is subjected to a cathodic electrocoating treatment in an aqueous solution of an 15 alkaline metal sulfate containing a zirconium compound having a specified composition. In this manner, a coating film is formed on the tin oxide layer at a specific adhered amount in terms of Zr content. Also disclosed are: a process for producing a chromium-free steel sheet 20 for a container material, which has excellent adhesion to an, organic resin film and excellent iron elution resistance after dent impact; and a steel sheet for a container material, which is produced by the process.

No. of Pages : 71 No. of Claims : 8

(19) INDIA

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

(43) Publication Date : 22/01/2016

(54) Title of the invention : SIGNAL PROCESSING DEVICE AND METHOD ENCODING DEVICE AND METHOD DECODING DEVICE AND METHOD 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 	:G06F :2010-092689 :13/04/2010 :Japan :PCT/JP2011/059029 :11/04/2011 :WO 2011/129304 :NA :NA :NA	 (71)Name of Applicant : 1)SONY CORPORATION Address of Applicant :1-7-1 Konan Minato-ku Tokyo 108-0075 Japan (72)Name of Inventor : 1)YUKI YAMAMOTO 2)TORU CHINEN 3)HIROYUKI HONMA 4)YUHKI MITSUFUJI
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(57) Abstract :

The present invention relates to a signal processing apparatus and a signal processing method, an encoder and an encoding method, a decoder and a decoding method, and a program 5capable of reproducing music signal having a better sound quality by expansion of frequency band. A sampling frequency conversion unit converts a sampling frequency of an input signal, and a sub-band division circuit divides the input signal after the sampling conversion into 10 sub-band signals of sub-bands having the number corresponding to the sampling frequency. A pseudo high band sub-band power calculation circuit calculates pseudo high band sub-band powers based on low band signals of the input signal and coefficient tables having 15 coefficients for the respective high bandsub-bands. A pseudo high band sub-band powers difference calculation circuit compares high band sub-band powers and the pseudo high band sub-band sub-band powers to each other and selects a coefficient table from plural coefficient tables. In addition, a coefficient 20 index which specifies the coefficient table is encoded and set as high band encoded data. The present invention can be applied to an encoder.

No. of Pages : 207 No. of Claims : 14

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

(43) Publication Date : 22/01/2016

(54) Title of the invention : INVERTER I	POWER 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 	:H02J :12/722,299 :11/03/2010 :U.S.A. :PCT/US2011/027550 :08/03/2011 :WO 2011/112584 :NA :NA	 (71)Name of Applicant : 1)FIRST SOLAR INC. Address of Applicant :28101 Cedar Park Boulevard Perrysburg OH 43551 U.S.A. (72)Name of Inventor : 1)CHRISTOPHER THOMPSON
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A photovoltaic system may include a DC to AC inverter, a voltage sensor configured to measure an input voltage from a photovoltaic array, and a controller configured to calculate a voltage differential.

No. of Pages : 17 No. of Claims : 20

(22) Date of filing of Application :27/08/2015

(21) Application No.7710/DELNP/2015 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : SELF PROPE	ELLED SKATEBOARD	
 (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 	:A63C17/01 :NA :NA :NA	(71)Name of Applicant : 1)Kazumine Kumada Address of Applicant :4 1 1 D 703 Nara Aoba ku Yokohama shi Kanagawa 2270038 Japan (72)Name of Inventor : 1)Kazumine Kumada

(57) Abstract :

Provided is a skateboard which is configured from a front wheel a rear wheel and a board and is capable of moving forward without the rider having to put a foot against the ground according to vertical shifting of the rider s body weight. The axle of the rear wheel is positioned away from the center of the wheel so as to create a vertical swinging motion for the board and the rider would shift his body weight vertically in synch with the vertical swinging of the board such that the board is pushed down and springs back up repeatedly thereby enabling forward motion.

No. of Pages : 8 No. of Claims : 1

(19) INDIA

(22) Date of filing of Application :28/09/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : ELECTRONIC DEVICE, METHOD FOR TRANSMITTING STEREOSCOPIC IMAGE INFORMATION IN ELECTRONIC DEVICE, AND METHOD FOR RECEIVING STEREOSCOPIC IMAGE INFORMATION IN 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 	:2011-026482 :09/02/2011 :Japan	 (71)Name of Applicant : 1)SONY CORPORATION Address of Applicant :1-7-1 Konan Minato-ku Tokyo 108-0075 Japan (72)Name of Inventor : 1)AKIHIKO TAO 2)TAKEHIKO SAITO
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A high-speed efficient transfer of stereoscopic image information (3D information) between electronic devices can be achieved. 3D information is transferred between devices using MHL capability registers. (1) Immediately after making changes to 3D information of a capability register, the MHL sink device transmits a SET_INT command, sets 1 in a 3D_CHG flag of the MHL source device side, and notifies the MHL source device of the 3D information. (2) The MHL source device provides an ACK response. (3) The MHL source device acknowledges that 1 is set in the 3D_CHG flag, transmits, to the MHL sink device, a READ_DEVCAP command to which the address information of the 3D information of the capability register is added, and reads only the 3D information from the capability register. An elaborate 3D control can be achieved by performing 3D information transfer between devices using MHL scratchpad registers.

No. of Pages : 106 No. of Claims : 17

(22) Date of filing of Application :28/09/2012

(43) Publication Date : 22/01/2016

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:12/751,583	1)MULTISORB TECHNOLOGIES INC.
(32) Priority Date	:31/03/2010	Address of Applicant :325 Harlem Road Buffalo New York
(33) Name of priority country	:U.S.A.	14224-1893 U.S.A.
(86) International Application No	:PCT/US2011/029531	(72)Name of Inventor :
Filing Date	:23/03/2011	1)JOHN W. CRUMP
(87) International Publication No	:WO 2011/123298	2)CHIEH-CHUN CHAU
(61) Patent of Addition to Application	:NA	3)GEORGE E. MCKEDY
Number		4)DAVID S. PAYNE
Filing Date	:NA	5)THOMAS H. POWERS
(62) Divisional to Application Number	:NA	6)STANISLAV SOLOVYOV
Filing Date	:NA	7)THOMAS J. HURLEY

(54) Title of the invention : OXYGEN AND CARBON DIOXIDE ABSORPTION IN A SINGLE USE CONTAINER •

(57) Abstract :

The invention provides for an extended shelf life package comprising a material for human ingestion that degrades by oxidation, comprising an oxygen scavenger comprising a transition metal oxygen scavenger, a container substantially impervious to oxygen, wherein the container has a filter suspended in the container, the filter holds the material for human ingestion, and the container also holds the oxygen scavenger. In another embodiment, the invention provides for an extended shelf life package comprising human ingestible material that degrades by giving off CO2 comprising a carbon dioxide scavenger, a container substantially impervious to carbon dioxide, wherein the container has a filter suspended in the container, the filter holds the human ingestible material, and the container also holds the carbon dioxide scavenger.

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

(19) INDIA

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

(43) Publication Date : 22/01/2016

(51) International classification	:C08F	(71)Name of Applicant :
(31) Priority Document No	:10 2010 013 991.2	1)BAYER INTELLECTUAL PROPERTY GMBH
(32) Priority Date	:07/04/2010	Address of Applicant : ALFRED-NOBEL-STR. 10 40789
(33) Name of priority country	:Germany	MONHEIM Germany
(86) International Application No	:PCT/EP2011/055155	(72)Name of Inventor :
Filing Date	:04/04/2011	1)ACHIM FELDERMANN
(87) International Publication No	:WO 2011/124540	2)DIETER WITTMANN
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : FLAME-PROTECTED POLYCARBONATE COMPOSITIONS •

(57) Abstract :

The present invention relates to impact-modified polylactic acid/polycarbonate compositions, containing A) 48 to 90 parts by weight, based in each case on the sum of the parts by weight of components A+B+C+D, of aromatic polycarbonate, B) 1 to 40 parts by weight, based in each case on the sum of the parts by weight of components A+B+C+D, of polylactic acid, C) 0.5 to 15 parts by weight, based in each case on the sum of the parts by weight of components A+B+C+D, of graft polymer, D) 2 to 25 parts by weight, based in each case on the sum of the parts by weight of components A+B+C+D, of a salt of a phosphinic acid and optionally additional components such as vinyl polymers and additives, which are distinguished by an optimum combination of high heat resistance, good flame retardance and excellent mechanical properties, to the use of the 1>olycarbonate compositions for the production of mouldings themselves.

No. of Pages : 28 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :24/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHODS AND STRUCTURE FOR REDUCING LOSSES IN 90 DEGREE WASTE GATES FOR TURBOCHARGERS

(57) Abstract :

A turbocharger (10) has an improved wastegate valve assembly (45) wherein a port-controlling valve body (44) includes flow formations which serve to reduce exhaust gas flow in non-optimal directions transverse to an optimal flow direction in the direction of a wastegate passage (26). These flow formations serve to optimize or maximize the flow of exhaust gas in the optimal or primary flow direction as the exhaust gas flow turns through a turn angle (47) from an inlet direction (29) to the optimal flow direction.

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

(19) INDIA

(22) Date of filing of Application :27/08/2015

(54) Title of the invention : INJECTABLE MORPHINE FORMULATIONS

(43) Publication Date : 22/01/2016

(51) International classification	:A61K9/08,A61K31/485	(71)Name of Applicant :
(31) Priority Document No	:61/785218	1)BECTON DICKINSON FRANCE S.A.S.
(32) Priority Date	:14/03/2013	Address of Applicant :11 rue Aristide Berg s BD 4 F 38800 Le
(33) Name of priority country	:U.S.A.	Pont de Claix France
(86) International Application No	:PCT/EP2014/054831	(72)Name of Inventor :
Filing Date	:12/03/2014	1)CUINE Alain
(87) International Publication No	:WO 2014/140095	2)HOARAU Didier
(61) Patent of Addition to Application	:NA	3)ROMAIN Pauline
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided herein generally are pharmaceutical formulations . injectable pharmaceutical formulations with improved

stability comprising morphine sulfate or a hydrate thereof and methods of producing and using the same. Also provided herein are kits comprising the formulations . injectable morphine formulations.

No. of Pages : 53 No. of Claims : 49

(19) INDIA

(22) Date of filing of Application :27/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : DRILL BIT WITH A LOAD SENSOR ON THE BIT SHANK

 (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 	:E21B47/007,E21B10/00 :13/784116 :04/03/2013 :U.S.A. :PCT/US2014/020171 :04/03/2014 :WO 2014/137998	 (71)Name of Applicant : 1)BAKER HUGHES INCORPORATED Address of Applicant :P. O. Box 4740 Houston TX 77210 4740 U.S.A. (72)Name of Inventor : 1)YAO Richard
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

A drill bit is disclosed that in one embodiment includes a bit body having a cutting section a shank attached to the cutting section and a neck section and at least one sensor in contact with a surface of the shank and wherein the at least one sensor provides a signal in response to a bending moment.

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

(19) INDIA

(22) Date of filing of Application :27/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : DUAL ACTIVATOR SUPPORT CATALYST SYSTEMS

(51) International classification (31) Priority Document No	:C08F4/6592,C08F10/02,C08F110/02 :13/778294	 (71)Name of Applicant : 1)CHEVRON PHILLIPS CHEMICAL COMPANY LP Address of Applicant :10001 Six Pines Drive The Woodlands
(32) Priority Date	:27/02/2013	Texas 77380 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor : 1)YANG Qing
(86) International Application No Filing Date	:PCT/US2014/018283 :25/02/2014	2)MCDANIEL Max P 3)CRAIN Tony R 4)COLLINS Kathy S
(87) International Publication No	:WO 2014/134028	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed herein are polymerization processes for the production of olefin polymers. These polymerization processes use a catalyst system containing at least two activator supports. One activator support is a halided solid oxide and the other activator support is a sulfated solid oxide and/or phosphated solid oxide.

No. of Pages : 75 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :27/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : EMBEDDED SYSTEM FOR VIDEO PROCESSING WITH HARDWARE MEANS

(57) Abstract :

An embedded system for video processing comprises hardware means for providing the following functions: i) a server function wherein the server function is provided by virtue of the following functions being provided: i1) acceptance of at least one image data stream and at least one audio data stream; i2) compression of at least one of the image and audio data streams into a respective combined data stream; i3) output of at least one of the combined data streams via a protocol based network; ii) a client function wherein the client function is provided by virtue of the following functions being provided; ii1) acceptance of at least one combined data stream from the protocol based network; ii2) decompression of the at least one combined data stream; ii3) output of the decompressed image and audio data stream; iii) wherein the hardware means are designed such that they compress and decompress a continuous combined data stream and iv) wherein the hardware means for providing the server function and the client function are arranged on a common board.

No. of Pages : 49 No. of Claims : 23

(19) INDIA

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

(43) Publication Date : 22/01/2016

(54) Title of the invention : DEVICE AND METHOD FOR DELIVERING MEDICINE INTO THE TYMPANIC CAVITY WITH SLIDING ASSIST

 (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 	:A61M37/00 :61/314,018 :15/03/2010 :U.S.A. :PCT/US2011/028414 :14/03/2011 :WO 2011/115936 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ENTRATYMPANIC LLC Address of Applicant :131 Green Street Medfield MA 02052 U.S.A. (72)Name of Inventor : 1)ROSENBLUM Lev 2)PFEFFER Christian 3)KENNEY George
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(57) Abstract :

A device for substance delivery to and/or extraction from the tympanic cavity comprising: a stationary body having a distal surface a proximal surface; a movable body having a distal surface and a proximal surface disposed within the stationary body and free to move relative to the stationary body; at least one piercing element having a distal end and a proximal end disposed in the movable body; and a means for moving the movable body relative to the stationary body.

No. of Pages : 29 No. of Claims : 35

(19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : HETERODIMERIC PROTEINS

 (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 	y:U.S.A. :PCT/US2014/030634 :17/03/2014	 (71)Name of Applicant : 1)XENCOR INC. Address of Applicant :111 West Lemon Avenue Monrovia CA 91016 U.S.A. (72)Name of Inventor : 1)MOORE Gregory 2)DESJARLAIS John 3)RASHID Rumana 4)BERNETT Matthew J.
1 1	y:U.S.A.	
Application No Filing Date (87) International Publication	:17/03/2014	2)DESJARLAIS John 3)RASHID Rumana
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

In one aspect the present invention provides heterodimeric antibodies comprising a first monomer comprising a first heavy chain constant domain comprising a first variant Fc domain and a first antigen binding domain and a second monomer comprising a second heavy chain constant domain comprising a second variant Fc domain and a second antigen binding domain. In an additional aspect the heterodimeric antibody comprises a first monomer comprising a heavy chain comprising a first Fc domain and a single chain Fv region (scFv) that binds a first antigen wherein the scFv comprises a charged scFv linker. The heterodimeric antibody further comprises a second monomer comprising a first heavy chain comprising a second Fc domain and a first variable heavy chain and a first light chain.

No. of Pages : 293 No. of Claims : 74

(19) INDIA

(22) Date of filing of Application :28/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR PRODUCING 4 HALOSENECIOIC ACID DERIVATIVE

 (51) International classification (31) Priority Document No :2013038701 (32) Priority Date :28/02/2013 (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 (63) Date 	 (71)Name of Applicant : 1)SAGAMI CHEMICAL RESEARCH INSTITUTE Address of Applicant :2743 1 Hayakawa Ayase shi Kanagawa 2521193 Japan 2)MANAC INC. (72)Name of Inventor : 1)INOUE Munenori 2)ARAKI Hiroshi 3)TAKATA Ryuji
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(57) Abstract :

The purpose of the present invention is to provide a method for producing a 4 halosenecioic acid derivative inexpensively and with a high yield. The method for producing a 4 halosenecioic acid derivative represented by general formula (2) (in the formula R represents a protecting group and X denotes a halogen atom) is characterized by reacting an allyl alcohol derivative represented by general formula (1) (in the formula R is synonymous with R in general formula (1)) with a halogenating agent.

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

(19) INDIA

(22) Date of filing of Application :28/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : LOW ENERGY NUCLEAR THERMOELECTRIC 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 	:B60L11/00,B60L1/00,B60L11/16 :13/848888 :22/03/2013 :U.S.A. :PCT/EP2014/052961 :14/02/2014 :WO 2014/146836	 (71)Name of Applicant : 1)LENR CARS SA Address of Applicant :Chemin des Champs Courbes 1 CH 1024 Ecublens Switzerland (72)Name of Inventor : 1)CHAUVIN Nicolas
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A low energy nuclear thermoelectric system for a vehicle which provides a cost effective and sustainable means of transportation for long operation range with zero emission using an onboard low energy nuclear reaction thermal generator. The present invention generally includes a thermal generator within a thermal enclosure case an energy conversion system linked with the thermal generator an energy storage system linked with the energy conversion system a cooling system and a central control system. The thermal generator reacts nickel powder with hydrogen within a reactor chamber to produce heat. The heat is then transferred to the energy conversion system to be converted into electricity for storage in the energy storage system. The cooling system provides cooling for the various components of the present invention and the control system regulates its overall operation. The present invention may be utilized to power a vehicle in an efficient sustainable and cost effective manner.

No. of Pages : 30 No. of Claims : 21

(19) INDIA

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

(43) Publication Date : 22/01/2016

(54) Title of the invention : PORTABLE EDM SYSTEM FOR MAKING CALIBRATION STANDARDS

 (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 	:B23H9/00,B23H9/06,G01N29/30 :12/721,674 :11/03/2010 :U.S.A. :PCT/US2011/024487 :11/02/2011 :WO 2011/112306 :NA	 (71)Name of Applicant : 1)ALSTOM TECHNOLOGY LTD Address of Applicant :Brown Boveri Strasse 7 CH 5400 Baden Switzerland (72)Name of Inventor : 1)AKRIN Stewart J.
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

A portable EDM device and system thereof for producing calibration reflectors on a pipe includes a base mountable on the pipe a motor mounted on the base a cutting tool operably connected to the motor an electrode operably connected to the cutting tool a power source mounted on the base and operably connected to the electrode and operably connectable to the pipe and a source of dielectric fluid mounted on the base. The power source is configured to electrically discharge a voltage from the electrode to the pipe to remove material from the pipe. The source of dielectric fluid is in fluid communication with the pipe to remove the material removed from the pipe.

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

(19) INDIA

(22) Date of filing of Application :28/09/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : TREATMENT OF RHEUMATOID ARTHRITIS WITH A COMBINATION OF LAQUINIMOD AND **METHOTREXATE** •

 (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 	:A61K :61/339,375 :03/03/2010 :U.S.A. :PCT/US2011/026885 :02/03/2011 :WO 2011/109531 :NA :NA :NA :NA	 (71)Name of Applicant : 1)TEVA PHARMACEUTICAL INDUSTRIES LTD. Address of Applicant :5 Basel Street P.O. Box 3190 Petach- Tikva 49131 ISRAEL Israel (72)Name of Inventor : 1)Eran BLAUGRUND 2)Nora TARCIC 3)Joel KAYE
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(57) Abstract :

This invention provides a method of treating a subject afflicted with rheumatoid arthritis comprising periodically administering to the subject an amount of laquinimod or pharmaceutically acceptable salt thereof and an amount of methotrexate wherein the amounts when taken together are effective to treat the subject. This invention also provides laquinimod or pharmaceutically acceptable salt thereof for use in combination with methotrexate in treating a subject afflicted with rheumatoid arthritis. This invention also provides a pharmaceutical composition comprising an amount of laquinimod or pharmaceutically acceptable salt thereof and an amount of methotrexate for use in treating a subject afflicted with rheumatoid arthritis.

No. of Pages : 33 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :28/09/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : PROCESSES FOR THE PRODUCTION OF TETRAHYDROFURAN, GAMMA-BUTYROLACTONE AND/OR BUTANEDIOL FROM SALTS OF SUCCINIC ACID •

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C07C :61/320,074 :01/04/2010 :U.S.A. :PCT/US2011/029032 :18/03/2011	 (71)Name of Applicant : 1)BIOAMBER S.A.S. Address of Applicant :1250 Rene-Levesque Blvd., West, Suite 4110, Montreal, QC H3B 4W8 (CA). Canada (72)Name of Inventor : 1)FRUCHEY Olan S.
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:18/03/2011 :WO 2011/123270 :NA :NA :NA :NA	1)FRUCHEY Olan S. 2)MANZER Leo E. 3)DUNUWILA Dilum 4)KEEN Brian Terry 5)ALBIN Brooke Ashley 6)CLINTON Nye A. 7)DOMBEK Bernard Duane

(57) Abstract :

A process for making a hydrogenated product includes providing a clarified DAS-containing fermentation broth distilling the broth to form an overhead that includes water and ammonia and a liquid bottoms that includes MAS at least some DAS and at least about 20 wt% water cooling and/or evaporating the bottoms and optionally adding an antisolvent to the bottoms to attain a temperature and composition sufficient to cause the bottoms to separate into a DAS-containing liquid portion and a MAS-containing solid portion that is substantially free of DAS separating the solid portion from the liquid portion recovering the solid portion hydrogenating the second solid portion in the presence of at least one hydrogenation catalyst to produce the hydrogenated product comprising at least one of THF GBL or BDO and recovering the hydrogenated product.

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

(19) INDIA

(22) Date of filing of Application :28/09/2012

(54) Title of the invention : ANTI-INFEC	CTIVE COMPOUNDS •	
 (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 	:C07C :61/315,113 :18/03/2010 :U.S.A. :PCT/EP2011/001345 :18/03/2011 :WO 2011/113606 :NA :NA :NA :NA	 (71)Name of Applicant : 1)INSTITUT PASTEUR KOREA Address of Applicant :696 Sampyeong-dong Bundang-gu 463-400 Sungnam-si Gyeonggi-do Republic of Korea Republic of Korea 2)INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM) (EPST) (72)Name of Inventor : 1)NO Zaesung 2)KIM Jaeseung 3)BRODIN Priscille 4)SEO Min Jung 5)KIM Young Mi 6)CECHETTO Jonathan 7)JEON Heekyoung 8)GENOVESIO Auguste 9)LEE Saeyeon 10)KANG Sunhee 11)EWANN Fanny Anne 12)NAM Ji Youn 13)CHRISTOPHE Thierry 14)FENISTEIN Denis Philippe Cedric 15)JAMUNG Heo 16)JIYEON Jang

(57) Abstract :

The present invention relates to small molecule compounds and their use in the treatment of bacterial infections in particular Tuberculosis.

No. of Pages : 186 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :28/09/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : PROCESSES FOR THE PRODUCTION OF TETRAHYDROFURAN, GAMMA-BUTYROLACTONE AND/OR BUTANEDIOL FROM SALTS OF SUCCINIC ACID •

 (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 	:C07C :61/320,081 :01/04/2010 :U.S.A. :PCT/US2011/029024 :18/03/2011 :WO 2011/123269	 (71)Name of Applicant : 1)BIOAMBER S.A.S. Address of Applicant :1250 Rene-Levesque, Blvd., West, Suite 4110, Montreal, QC H3B 4W8 (CA). Canada (72)Name of Inventor : 1)FRUCHEY Olan S. 2)MANZER Leo E.
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	3)DUNUWILA Dilum 4)KEEN Brian Terry 5)ALBIN Brooke Ashley 6)CLINTON Nye A. 7)DOMBEK Bernard Duane

(57) Abstract :

A process for making a hydrogenated product includes providing a clarified DAS-containing fermentation broth; distilling the broth under super atmospheric pressure at a temperature of $>100^{\circ}$ C to about 300°C to form an overhead that includes water and ammonia and a liquid bottoms that includes SA and at least about 20 wt% water; cooling the bottoms to a temperature sufficient to cause the bottoms to separate into a liquid portion in contact with a solid portion that is substantially pure SA; separating the solid portion from the liquid portion; recovering the solid portion; hydrogenating the solid portion in the presence of at least one hydrogenated product.

No. of Pages : 30 No. of Claims : 20

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

(43) Publication Date : 22/01/2016

(54) Title of the invention : NOVEL COM	POSITION FOR TREA	TMENT OF ESSENTIAL THROMBOCYTHEMIA
 (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 	:A61K :10157772.4 :25/03/2010 :EPO :PCT/EP2011/054628 :25/03/2011 :WO 2011/117391	 (71)Name of Applicant : 1)AOP ORPHAN PHARMACEUTICALS AG Address of Applicant :Wilhelminenstr: 91/II f A-1160 Vienna Austria (72)Name of Inventor : 1)Rudolf WIDMANN 2)Georg STRIEDER
 (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 novel pharmaceutical composition free of gastric coating comprising anagrelide hydrochloride in combination with a non-pH dependent polymer and a pharmaceutically acceptable watersoluble acid and its use for the treatment of essential thrombocythemia.

No. of Pages : 30 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :06/10/2012

(43) Publication Date : 22/01/2016

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No(32) Priority Date	:61/322,274 :08/04/2010	1)LIFE TECHNOLOGIES CORPORATION Address of Applicant :5791 VAN ALLEN WAY,
(33) Name of priority country	:U.S.A.	CARLSBAD, CALIFORNIA 92008 U.S.A U.S.A.
(86) International Application No Filing Date	:PC1/US2011/031824 :08/04/2011	(72)Name of Inventor : 1)SIKORA Marcin
(87) International Publication No	:WO 2011/127429	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : SYSTEMS AND METHODS FOR GENOTYPING BY ANGLE CONFIGURATION SEARCH

(57) Abstract :

Methods and systems for the analysis of genotyping data are presented. According to various embodiments of methods and systems an angle configuration search may be performed. In various embodiments an exhaustive search over the entirety of an angle configuration space may be performed to provide a fit to a plurality of angles determined for a plurality of points in a data set generated from a plurality of biological samples. For various embodiments the angle configuration space may be defined to ensure that a global fit may be determined. According to various methods and systems a data base of possible angle configurations may include three angles. According to various methods and systems a data base of possible angle configurations may include for each angle configuration a probability that the angle configuration may occur.

No. of Pages : 40 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :06/10/2012

(43) Publication Date : 22/01/2016

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:61/322,749	1)LIFE TECHNOLOGIES CORPORATION
(32) Priority Date	:09/04/2010	Address of Applicant :5791 VAN ALLEN WAY,
(33) Name of priority country	:U.S.A.	CARLSBAD, CALIFORNIA 92008 U.S.A U.S.A.
(86) International Application No	:PCT/US2011/031855	(72)Name of Inventor :
Filing Date	:08/04/2011	1)JANAWAY Gordon
(87) International Publication No	:WO 2011/127454	2)CHAN Evelyn Wing-Sim
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : VISUALIZATION TOOL FOR QPCR GENOTYPING DATA

(57) Abstract :

Systems and methods are used to display data obtained from a qPCR instrument. Each of two or more samples is probed with a first labeling probe and a second labeling probe. A first data set is received from a qPCR instrument at a first cycle number that includes for each sample a first labeling probe intensity, and a second labeling probe intensity. A second data set is received at a second cycle number that includes for each sample a first labeling probe intensity and a second labeling probe intensity. A first plot of first labeling probe intensity as a function of second labeling probe intensity is created using the first data set. A second plot of first labeling probe intensity as a function of second labeling probe intensity is created using the second data set. The first plot and the second plot are displayed in response to user defined input to provide dynamic and real-time analysis of genotyping data.

No. of Pages : 47 No. of Claims : 24

(22) Date of filing of Application :06/10/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : INTERNAL CAVITY OPTICS		
 (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 	:G06Q :61/282,818 :06/04/2010 :U.S.A.	 (71)Name of Applicant : 1)MODILIS HOLDING LLC Address of Applicant :Suite 202 103 Foulk Road Wilmington DE 19803 U.S.A. (72)Name of Inventor : 1)RINKO Kari J.
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This disclosure is directed to techniques to manufacture internal cavity optical patterns and to apparatuses manufactured using the manufacturing techniques. Internal cavity optical patterns include small cavities (e.g. microcavities nanocavities etc.) spread across a surface of a thin transparent material. The thin material may then be laminated to a second material to join the surface having the cavities with the second material and thereby enclose the cavities within the resulting combination. The internal cavities may be filled with air or another medium (e.g. a fluid gas or solid) which enable the cavity to redirect light in accordance with design requirements. By manufacturing the internal cavity optics in this manner the cavities may remain free of debris that may reduce an effectiveness of the optics. In some instances additional layers of material may be laminated together to create additional layers of the internal cavity optics.

No. of Pages : 45 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :06/10/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR PRODUCING A PHOTOVOLTAIC MODULE COMPRISING SEMICONDUCTOR CELLS CONTACT-CONNECTED ON THE REAR SIDE

 (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 	:H04N :10 2010 003 765.6 :08/04/2010 :Germany :PCT/EP2011/055575 :08/04/2011 :WO 2011/124716 :NA :NA :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)SCHAAF Ulrich 2)KUGLER Andreas 3)ZIPPEL Martin 4)STIHLER Patrick 5)KOYUNCU Metin
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(57) Abstract :

The present subject matter relates to a method for producing a photovoltaic module comprising semiconductor cells (1) contactconnected on the rear side with contact regions (3) provided in each case on a contact side (2) comprising the following method steps: providing a non-conductive film-life carrier (4) placing the contact sides of the semiconductor cells onto the carrier carrying out laser dilling that penetrates through the carrier in order to produce perforations (10) on the contact regions (3) of the contact sides (2) of the semiconductor cells (1) applying a contact-connecting means (1) to the carrier in order to fill the perforations and in order to form a contact-connecting layer running on the carrier.

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

(19) INDIA

(22) Date of filing of Application :25/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : COMPOSITIONS AND METHODS FOR TREATING AND REPAIRING TENDONS

(32) Priority Date:12/02/2013Vancouver Bri(33) Name of priority country:U.S.A.(72)Name of I 1)HOFFMA	
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(57) Abstract :

The present invention relates to compositions and methods utilizing hair follicle derived Non Bulbar Dermal Sheath cells for use in the treatment or prevention of the tendon injuries.

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

(19) INDIA

(22) Date of filing of Application :28/08/2015

(43) Publication Date : 22/01/2016

(51) International classification	:G06F21/62	(71)Name of Applicant :
(31) Priority Document No	:13/771527	1)VARONIS SYSTEMS INC.
(32) Priority Date	:20/02/2013	Address of Applicant :1250 Broadway 31st Floor New York
(33) Name of priority country	:U.S.A.	New York 10001 U.S.A.
(86) International Application No	:PCT/IL2013/050921	(72)Name of Inventor :
Filing Date	:07/11/2013	1)FAITELSON Yakov
(87) International Publication No	:WO 2014/128685	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.117A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : SYSTEMS AND METHODOLOGIES FOR CONTROLLING ACCESS TO A FILE SYSTEM

(57) Abstract :

A method for controlling access to a file system having data elements including the steps of maintaining a record of respective actual accesses by users of the file system to the data elements defining a proposed removal of a set of the users from a superset of the users wherein members of the superset have common access privileges to a portion of the data elements and wherein following an implementation of the proposed removal members of the set retain respective proposed residual access permissions ascertaining prior to the implementation of the proposed removal that at least one of the respective actual access are disallowed to the members of the set or to non members of the set having actual access profiles which are similar to the actual access profiles of the members of the set by the respective proposed residual access permissions and generating an error indication responsively to the ascertaining.

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

(19) INDIA

(22) Date of filing of Application :28/08/2015

(43) Publication Date : 22/01/2016

(51) International classification	:G06F12/14	(71)Name of Applicant :
(31) Priority Document No	:13/771560	1)VARONIS SYSTEMS INC.
(32) Priority Date	:20/02/2013	Address of Applicant :1250 Broadway 31st Floor New York
(33) Name of priority country	:U.S.A.	New York 10001 U.S.A.
(86) International Application No	:PCT/IL2013/050923	(72)Name of Inventor :
Filing Date	:07/11/2013	1)FAITELSON Yakov
(87) International Publication No	:WO 2014/128686	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : SYSTEMS AND METHODOLOGIES FOR MONITORING SHARED DATA ELEMENTS

(57) Abstract :

A method for automatically ascertaining the presence of shared data elements stored on multiple storage resources in a network the method including automatically ascertaining the presence of multiple storage resources on the network by continuously monitoring the network for each of the multiple storage resources ascertained to be present in the network automatically ascertaining the presence of shared data elements associated with data elements stored thereon and for each of the shared data elements ascertained to be stored on the multiple storage resources in the network automatically ascertaining at least one property of at least one share designator associated with each of the shared data elements.

No. of Pages : 28 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :28/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : MODIFIED NUCLEOSIDES OR NUCLEOTIDES

 (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 	:15/03/2013 :PCT :PCT/EP2013/055466 :15/03/2013 :WO 2014/139596 :NA :NA :NA	 (71)Name of Applicant : I)ILLUMINA CAMBRIDGE LIMITED Address of Applicant :Chesterford Research Park Little Chesterford Nr. Saffron Walden Essex CB10 1XL U.K. (72)Name of Inventor : I)LIU Xiaohai WU Xiaolin SMITH Geoffrey Paul
	:NA :NA	

(57) Abstract :

Some embodiments described herein relate to modified nucleotide and nucleoside molecules with novel 3 hydroxy protecting groups. Said 3 hydroxy protecting groups form a structure O C(R)2N3 covalently attached to the 3 carbon atom wherein R is as defined n the claims. Also provided herein are methods to prepare such modified nucleotide and nucleoside molecules and sequencing by synthesis processes using such modified nucleotide and nucleoside molecules.

No. of Pages : 42 No. of Claims : 35

(19) INDIA

(22) Date of filing of Application :08/10/2012

(43) Publication Date : 22/01/2016

(34) The of the invention : VENDOR •		
(51) International classification	:A47J	(71)Name of Applicant :
(31) Priority Document No	:12/724,477	1)THE COCA-COLA COMPANY
(32) Priority Date	:16/03/2010	Address of Applicant :One Coca-Cola Plaza NW Atlanta GA
(33) Name of priority country	:U.S.A.	30313 USA U.S.A.
(86) International Application No	:PCT/US2011/025591	(72)Name of Inventor :
Filing Date	:21/02/2011	1)BART CARPENTIER
(87) International Publication No	:WO 2011/115726	2)JURGEN ROEKENS
(61) Patent of Addition to Application	:NA	3)ANTONIO FELTRIN
Number		4)WILLY VAN ESCH
Filing Date	:NA	5)JACOBUS PETRUS DESSING
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract :		•

(54) Title of the invention : VENDOR •

(57) Abstract :

The present application provides a product vending module for vending a number of products. The product vending module may include a product row, a product gate positioned about the product row, and a product locking system in communication with the product gate. The product locking system may include a latch and a biased base such that releasing the latch allows the product gate to be opened and one of the number of products to be removed therefrom.

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

(19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : PERMANENT MAGNET RELUCTANCE DYNAMO ELECTRIC MACHINE

	100121/07 100121/00 1001201/14	
	:H02K1/27,H02K1/22,H02K21/14	
(31) Priority Document No	:2013074958	1)KABUSHIKI KAISHA TOSHIBA
(32) Priority Date	:29/03/2013	Address of Applicant :1 1 Shibaura 1 chome Minato ku Tokyo
(33) Name of priority country	:Japan	1058001 Japan
(86) International Application	:PCT/JP2013/006046	(72)Name of Inventor :
No	:10/10/2013	1)MATSUSHITA Makoto
Filing Date	.10/10/2015	2)TAKAHASHI Norio
(87) International Publication	:WO 2014/155438	3)HASHIBA Yutaka
No	. WO 2014/155458	4)MISU Daisuke
(61) Patent of Addition to	-NI 4	5)TAKEUCHI Katsutoku
Application Number	:NA	6)HASEBE Toshio
Filing Date	:NA	
(62) Divisional to Application	NT 4	
Number	:NA	
Filing Date	:NA	

(57) Abstract :

To provide a permanent magnet reluctance dynamo electric machine whereby magnet torque and reluctance torque are enhanced and higher speed and smaller size can be realized. [Solution] A permanent magnet reluctance dynamo electric machine provided with: a stator (1) having an armature winding (3) on a stator core (7); and a rotor (5) in which permanent magnets (4) (4a 4b 4c) are provided to a stator core (8) the rotor (5) being positioned on an internal peripheral side of the stator (1); the permanent magnets (4) (4a 4b 4c) being disposed in multiple layers and disposed in positions where end parts of the permanent magnets (4) (4a 4b 4c) substantially do not overlap.

No. of Pages : 26 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND ARRANGEMENT FOR DEHUMIDIFYING INTERIOR AIR IN OFF SHORE INSTALLATIONS

 (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 	:PA201300157 :18/03/2013 :Denmark :PCT/EP2014/055303 :17/03/2014 :WO 2014/147023	 (71)Name of Applicant : 1)COTES A/S Address of Applicant :Nordre Ringgade 70C DK 4200 Slagelse Denmark (72)Name of Inventor : 1)OLESEN Thomas Roennow
	·PCT/FP2014/055303	6
Filing Date (87) International Publication No	:17/03/2014	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention concerns a method and an arrangement for dehumidifying and desalting interior air in off shore installations. A simplified arrangement is presented wherein exterior intake air containing water rich in supersaturated and wet salt particles is pretreated with dry and salt free pretreatment air before entering a dehumidifying and de salting unit from which the intake air exits as desalted and dehumidified exit air. A part of this desalted and dehumidified exit air is then redirected to the intake air flow path to serve as pretreatment air thereby simplifying construction and enhancing the lifetime of the dehumidifying and desalting unit.

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

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : 2 AMINOPYRIMIDIN 6 ONES AND ANALOGS EXHIBITING ANTI CANCER AND ANTI PROLIFERATIVE ACTIVITIES

:14/03/2014 :WO 2014/145025 :NA :NA	 (71)Name of Applicant : 1)DECIPHERA PHARMACEUTICALS LLC Address of Applicant :643 Massachusetts Suite 200 Lawrence Kansas 66044 U.S.A. (72)Name of Inventor : 1)AHN YuMi 2)VOGETI Lakshminarayana 3)CALDWELL Timothy Malcolm
:NA :NA	
	:61/792812 :15/03/2013 :U.S.A. :PCT/US2014/029661 :14/03/2014 :WO 2014/145025 :NA :NA :NA

(57) Abstract :

Described are compounds of Formula I which find utility in the treatment of cancer autoimmune diseases and metabolic bone disorders through inhibition of c FMS (CSF IR) c KIT and/or PDGFR kinases. These compounds also find utility in the treatment of other mammalian diseases mediated by c FMS c KIT or PDGFR kinases.

No. of Pages : 97 No. of Claims : 33

(19) INDIA

(22) Date of filing of Application :08/10/2012

(43) Publication Date : 22/01/2016

(51) International classification	:F16D	(71)Name of Applicant :
(31) Priority Document No	:61/320,991	1)IWALK INC.
(32) Priority Date	:05/04/2010	Address of Applicant :222 Third Street #3130 Cambridge
(33) Name of priority country	:U.S.A.	MA 02142 U.S.A.
(86) International Application No	:PCT/US2011/031105	(72)Name of Inventor :
Filing Date	:04/04/2011	1)HERR Hugh M.
(87) International Publication No	:WO 2011/126985	2)CASLER Richard J.
(61) Patent of Addition to Application	:NA	3)HAN Zhixiu
Number		4)BARNHART Chris
Filing Date	:NA	5)GIRZON Gary
(62) Divisional to Application Number	:NA	6)GARLOW David
Filing Date	:NA	

(54) Title of the invention : CONTROLLING TORQUE IN A PROSTHESIS OR ORTHOSIS

(57) Abstract :

In some embodiments of a prosthetic or orthotic ankle/foot, a prediction is made of what the walking speed will be during an upcoming step. When the predicted walking speed is slow, the characteristics of the apparatus are then modified so that less net-work that is performed during that step (as compared to when the predicted walking speed is fast). This may be implemented using one sensor from which the walking speed can be predicted, and a second sensor from which ankle torque can be determined. A controller receives inputs from those sensors, and controls a motors torque so that the torque for slow walking speeds is lower than the torque for fast walking speeds. This reduces the work performed by the actuator over a gait cycle and the peak actuator power delivered during the gait cycle. In some embodiments, a series elastic element is connected in series with a motor that can drive the ankle, and at least one sensor is provided with an output from which a deflection of the series elastic element can be determined. A controller determines a desired torque based on the output, and controls the motors torque based on the determined desired torque.

No. of Pages : 45 No. of Claims : 33

(22) Date of filing of Application :08/10/2012

(43) Publication Date : 22/01/2016

(51) International classification :C07C (71)Name of Applicant : (31) Priority Document No 1)INEOS USA LLC :12/661,720 (32) Priority Date Address of Applicant :3030 Warrenville Road Suite 650 :23/03/2010 (33) Name of priority country Lisle IL 60532 U.S.A. :U.S.A. (86) International Application No :PCT/US2011/000508 (72)Name of Inventor : Filing Date 1)BRAZDIL James F. :21/03/2011 (87) International Publication No :WO 2011/119206 2)TOFT Mark A. (61) Patent of Addition to Application 3)SEELY Michael J. :NA Number 4)BESECKER Charles J. :NA Filing Date 5)GUSTAFERRO Robert A. (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : ATTRITION RESISTANT MIXED METAL OXIDE AMMOXIDATION CATALYSTS

(57) Abstract :

A catalytic composition useful for the conversion of an olefin selected from the group consisting of propylene isobutylene or mixtures thereof to acrylonitrile methaciylonitrile and mixtures thereof. The catalytic composition comprises a complex of metal oxides comprising bismuth molybdenum iron cerium and other promoters wherein the ratio of cerium to iron in the composition is greater than or equal to 0.8 and less than or equal to 5.

No. of Pages : 36 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :27/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : SYSTEM FOR REDUCING THE BRAKE WEAR OF HEAVY VEHICLES IN PARTICULAR FOR PUBLIC TRANSPORTATION OR FOR GARBAGE COLLECTION

(51) Intermetional algoritization	:B60T8/26	(71)Nome of Applicant
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:13154922.2	1)IVECO MAGIRUS AG
(32) Priority Date	:12/02/2013	Address of Applicant :Nicolaus Otto Str. 27 89079 Ulm
(33) Name of priority country	:EPO	Germany
(86) International Application No	:PCT/EP2014/052744	(72)Name of Inventor :
Filing Date	:12/02/2014	1)LEOKA Georg
(87) International Publication No	:WO 2014/124979	2)BAUR Franz
(61) Patent of Addition to Application	NT A	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

System for reducing the brake wear of heavy vehicles in particular for public transportation or for garbage collection the vehicle comprising a pneumatic braking system for the actuation of the brakes the wear reducing system being characterized in comprising limiting means (28 29 20 161 200 201 202 203) suitable to be activated for limiting the air pressure within the pneumatic braking system.

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

(19) INDIA

(22) Date of filing of Application :27/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : SYSTEMS AND METHODS FOR MULTI FLUX COLOR MATCHING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application N Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:13/03/2014	 (71)Name of Applicant : 1)PPG INDUSTRIES OHIO INC. Address of Applicant :3800 West 143rd Street Cleveland Ohio 44111 U.S.A. (72)Name of Inventor : 1)NORRIS Alison M.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A computer implemented method. The method includes generating using a processor a set of calibration data relating to a plurality of pigments that are present in a collection of coatings. Generating includes calculating an absorption/reflectance relationship of a plurality of samples coated with a plurality of the pigments wherein calculating includes using a color matching calculation and calculating a plurality of concentrations of a non standard pigment. Generating also includes plotting a relationship between the concentrations and the absorption/reflectance relationships and determining a correlation of the concentrations for a plurality of Fresnel coefficients relating to the samples. The method further includes determining using the processor a coating formulation of a target coating based on the correlation.

No. of Pages : 23 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :27/08/2015

(43) Publication Date : 22/01/2016

 (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 	:31/01/2014 :WO 2014/121013 :NA :NA	 (71)Name of Applicant : 1)ENCELL TECHNOLOGY INC. Address of Applicant :12887 US Highway 441 Alachua FL 32615 8503 U.S.A. (72)Name of Inventor : 1)OGG Randy 2)WELCH Craig Hinton 3)SEIDEL Alan P.
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(54) Title of the invention : IRON ELECTRODE EMPLOYING A POLYVINYL ALCOHOL BINDER

(57) Abstract :

The present invention provides one with a novel continuous coated iron electrode employing a preferred binder comprised of polyvinyl alcohol (PVA) binder. Specifically the invention comprises an iron based electrode comprising a single layer of a conductive substrate coated on at least one side with a coating comprising an iron active material and a binder wherein the binder is PVA. This iron based electrode is useful in alkaline rechargeable batteries particularly as a negative electrode in a Ni Fe battery.

No. of Pages : 26 No. of Claims : 20

(22) Date of filing of Application :27/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : BATTERY COMPRISING A COATED IRON ANODE AND IMPROVED PERFORMANCE

 (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 	:H01M4/02 :61/761312 :06/02/2013 :U.S.A. :PCT/US2014/015049 :06/02/2014 :WO 2014/124107 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ENCELL TECHNOLOGY INC. Address of Applicant :12887 US Highway 441 Alachua FL 32615 8503 U.S.A. 2)OGG, Randy, Gene (72)Name of Inventor : 1)OGG Randy Gene
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(57) Abstract :

The present invention provides one with a battery having an iron anode, e.g., a Ni-Fe battery, having improved performance characteristics. The battery uses a particular electrolyte and/or battery separator. The resulting characteristics of efficiency, charge retention and cycle life are much improved over such batteries in the prior art.

No. of Pages : 16 No. of Claims : 18

(19) INDIA

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

(43) Publication Date : 22/01/2016

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:61/320,447	1)OHIO UNIVERSIYY
(32) Priority Date	:02/04/2010	Address of Applicant :340 West State Street Unit 14 Athens
(33) Name of priority country	:U.S.A.	OH 45701-2979 U.S.A.
(86) International Application No	:PCT/US2011/030694	(72)Name of Inventor :
Filing Date	:31/03/2011	1)GERARDINE G. BOTTE
(87) International Publication No	:WO 2011/123620	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : SELECTIVE CATALYTIC REDUCTION VIA ELECTROLYSIS OF UREA •

(57) Abstract :

A method and apparatus for producing ammonia suitable for use as a reductant in a selective catalytic reduction (SCR), a selective non-catalytic reduction (SNCR), or a flue gas conditioning system is provided. A method for treating combustion exhaust gas with ammonia is provided that includes the electrolytic hydrolysis of urea under mild conditions. The electrolysis apparatus includes an electrolytic cell 1 including an anode 3, a cathode 4, and an alkaline electrolytic composition of urea 6, which may be operatively coupled to an exhaust gas treatment system to provide an apparatus for reducing nitrogen oxides (NOx) and/or particulate in exhaust gases.

No. of Pages : 29 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :06/07/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : USE OF SULPHONIC ACID FOR RECOVERING GLYCEROL FROM A TRIGLYCERIDE TRANSESTERIFICATION REACTION

(51) International classification	:C07C67/03,C07C29/74,C07C29/09	(71)Name of Applicant : 1)ARKEMA FRANCE
(31) Priority Document No	:13.51995	Address of Applicant :420 Rue dEstienne dOrves F 92700
(32) Priority Date	:06/03/2013	Colombes France
(33) Name of priority country	:France	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/FR2014/050443 :28/02/2014	1)MONGUILLON Bernard 2)LAFFITTE Jean Alex
(87) International Publication	:WO 2014/135769	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to ApplicationNumberFiling Date	:NA :NA	

(57) Abstract :

The present invention concerns the use of at least one sulphonic acid for recovering glycerol from a reaction crude for the transesterification of glycerides in particular triglycerides of plant and/or animal origin. The invention also concerns a method for purifying the glycerol obtained as a by product of triglyceride transesterification during the preparation of fatty acids fatty esters and/or fatty acid salts and a combined method for preparing fatty acids fatty esters and/or fatty acid salts and glycerol from triglycerides implementing at least one sulphonic acid.

No. of Pages : 26 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :27/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : PISTON CROWN BOWLS DEFINING COMBUSTION CHAMBER CONSTRUCTIONS IN OPPOSED PISTON ENGINES

:13/843686 :15/03/2013 :U.S.A.	 (71)Name of Applicant : 1)ACHATES POWER INC. Address of Applicant :4060 Sorrento Valley Boulevard San Diego CA 92121 U.S.A. (72)Name of Inventor : 1)BURTON Tristan M. 2)REDON Fabien G.
	2) REDON Fabien G.
:NA	
:NA	
:NA	
	13/843686 15/03/2013 :U.S.A. :PCT/US2014/026670 :13/03/2014 :WO 2014/151916 :NA :NA :NA

(57) Abstract :

A combustion chamber for an opposed piston engine is defined between a pair of pistons disposed for opposing reciprocal movement in a cylinder. The combustion chamber is formed between crowns of the pistons and has a radius that decreases from the longitudinal axis of the cylinder. Each crown includes a periphery a bow! within the periphery defining a concave surface with a first portion curving inwardly toward the interior of the piston and a second portion curving outwardly from the interior and a convex surface within the periphery curving outwardly and meeting the second portion of the concave surface to form a ridge. Each ridge has a height thai decreases with the distance from a longitudinal axis.

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

(19) INDIA

(22) Date of filing of Application :27/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : ORAL CARE COMPOSITIONS CONTAINING POLYORGANOSILSESQUIOXANE PARTICLES

(51) International classification	:A61Q11/00,A61K8/891,A61K8/04	(71)Name of Applicant : 1)THE PROCTER & GAMBLE COMPANY
(31) Priority Document No	:61/810414	Address of Applicant :One Procter & Gamble Plaza Cincinnati
(32) Priority Date	:10/04/2013	Ohio 45202 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/US2014/033572 :10/04/2014	1)MIDHA Sanjeev 2)LEBLANC Michael Jude
(87) International Publication No	:WO 2014/169082	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Oral compositions containing a polyorganosilsesquioxane particle preferably polymethylsilsesquioxane particles and an orally acceptable carrier containing a gel network. Method of using such compositions for the cleaning and polishing of dental enamel such methods including the step of applying such oral care compositions to the teeth of a user.

No. of Pages : 44 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :27/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : MECHANICAL FASTENERS FOR USE WITH SURGICAL ENERGY DEVICES

(51) International classification	:A61B17/128	(71)Name of Applicant :
(31) Priority Document No	:13/804205	1)ETHICON ENDO SURGERY INC.
(32) Priority Date	:14/03/2013	Address of Applicant :4545 Creek Road Cincinnati Ohio
(33) Name of priority country	:U.S.A.	45242 U.S.A.
(86) International Application No	:PCT/US2014/022472	(72)Name of Inventor :
Filing Date	:10/03/2014	1)MESSERLY Jeffrey D.
(87) International Publication No	:WO 2014/159198	2)PRICE Daniel W.
(61) Patent of Addition to Application	:NA	3)KORVICK Donna L.
Number		4)STULEN Foster B.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

A surgical system comprises an end effector including an ultrasonic blade and a capturing arm wherein the capturing arm is movable to capture tissue against the ultrasonic blade. In addition the surgical system includes a transducer configured to generate ultrasonic energy for transmission to the ultrasonic blade and a clamping member removably coupled to the end effector the clamping member configured to clamp the captured tissue.

No. of Pages : 46 No. of Claims : 21

(22) Date of filing of Application :04/10/2012

(21) Application No.8629/DELNP/2012 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : ANTI-CD40	ANTIBODIES •	
 (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 	:C12P :61/319,574 :31/03/2010 :U.S.A. :PCT/US2011/030427 :30/03/2011 :WO 2011/123489 :NA :NA :NA :NA	 (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)RACHEL BARRETT 2)SCOTT BRODEUR 3)KEITH A CANADA 4)TOBIAS LITZENBURGER 5)SANJAYA SINGH

(57) Abstract :

The present invention relates to new humanized antagonistic anti-CD40 antibodies and therapeutic and diagnostic 3 methods and compositions for using the same.

No. of Pages : 197 No. of Claims : 15

(19) INDIA

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

(43) Publication Date : 22/01/2016

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:61/323,988	1)JOHNSON CONTROLS TECHNOLOGY COMPANY
(32) Priority Date	:14/04/2010	Address of Applicant :912 E. 32nd Street Holland MI 49423
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2011/032498	(72)Name of Inventor :
Filing Date	:14/04/2011	1)MACK J. ROBERT
(87) International Publication No	:WO 2011/130514	2)JEFFREY L. TROXEL
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : BATTERY BATTERY PLATE ASSEMBLY AND METHOD OF ASSEMBLY •

(57) Abstract :

A battery plate assembly for a lead-acid battery is disclosed The assembly includes a plates of op :post ttg polarity each firmed by an electmeaily ednduetive grid body having opposed, top and bottom frame and opposed first and second side frame elements, the top frame element having a lug and an opposing enlarged conductive section extending tloy caorndd, utchteiv beo tgtroimd efkleammeen etlse dmeefnmt,m ag p alu grarliidt yp aotft emrnte dreeofmnnmecgt ma gp leulreacltirtiyc aolf vroaeplreittniyc aaolrf e ghanosd,r i,tz hwoeni rtgea rlei dlee xmetleeennmdtsen ncgtos gn mrniedcc lwtueddx netgo e ltaeh mep letuonrptas lf,i kttayhm eo egf erriladed mbiaoelndlyty, ahenxadvte man dgpi lnaugn active material provided thereon A highly absorbent separator is wrapped around at least a portion of the plate of a first polarity and extends to op- posing plate face An electrolye is provided, wherein substantially all of the electrolyie is absorbed by the separator or active material A method for assembling a battery is also disclosed

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

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

(43) Publication Date : 22/01/2016

(54) Title of the invention : COMMERCIAL AIR COOLED APPARATUSES INCORPORATING AXIAL FLOW FANS COMPRISING SUPER LOW NOISE FAN BLADES •

(51) International classification	:F02N	(71)Name of Applicant :
(31) Priority Document No	:61/321,127	1)MOORE FANS LLC
(32) Priority Date	:05/04/2010	Address of Applicant :800 South Missouri Avenue Marceline
(33) Name of priority country	:U.S.A.	MO 64658-1602 USA U.S.A.
(86) International Application No	:PCT/US2011/000618	(72)Name of Inventor :
Filing Date	:05/04/2011	1)JOHN D MOORE
(87) International Publication No	:WO 2011/126568	
(61) Patent of Addition to Application	.NI A	
Number	:NA	
Filing Date	:NA	
0	NT A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		·

(57) Abstract :

Large diameter axial Super Low Noise flow fans (2) and commercial air cooled apparatuses =-- incorporating such fans are provided. The large diameter axial flow fan is mounted on the air cooled appa- raairtu cs o(041, 65d, a6p, p7a) rfaotru sg efnoerr aatcincogm anpl aisxhiianl ga itrh fel ocwo oinli nthge. Tfahne h faasn p hluasra ali tdyi aomf betleard e(s1 1(1) 00)f. aEta lceha sbtl afdoeu ri nfceleut.d eTsh ae leading edge (13) opposite a trailing edge (15). The entire of the leading edge (13) of each of the blades (10) is linear and forward swept, and each blade in eludes a metallic outer surface.

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

(19) INDIA

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

(43) Publication Date : 22/01/2016

(54) Title of the invention : MECHANICAL PART MADE OF STEEL HAVING HIGH PROPERTIES AND PROCESS FOR MANUFACTURING 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 	:07/04/2011 :WO 2011/124851 :NA :NA :NA	 (71)Name of Applicant : 1)ASCOMETAL Address of Applicant :Immeuble Le Colise 8 avenue de lArche Faubourg de lArche F-92400 Courbevoie France (72)Name of Inventor : 1)THOMAS SOURMAIL
Filing Date	:NA	

(57) Abstract :

Mechanical part made of steel having high properties, characterized in that its 10 composition, in percentages by weight, is: - 0.05% 5C< 0.25%; - 1.2% 5Mn 52%; - 1 % 5Cr 5 2.5%; - (830 - 270 C% - 90 Mn% - 70 Cr%) 5560; - traces 5 Si <_ 1.5%; - traces 5 Ni <1 %; - traces <_ Me 50.5%; - traces < Cu <_ 1%; - traces 5 V 5 0.3%; - traces 5 Al <_ 0.1 %; - traces <_ B 5 0.005%; - traces 5 Ti < 0.03% - traces !5 Nb < 0.06%; traces 555_0,1%; - traces < Ca 5 0.006%; - traces < Te 5 0.03%; - traces :5 Se 5 0.05%; - traces !5 Bi 5 0.05%; - traces 5 Pb 5 0.1 %; the balance being iron and impurities resulting from the smelting, and in that its structure is bainitic and contains at most 20% in total of martensite and/or proeutectoid fernite and/or perlite. Process for manufacturing a mechanical part having this composition.

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

(19) INDIA

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

(43) Publication Date : 22/01/2016

 (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 	:61/319,470 :31/03/2010 :U.S.A.	 (71)Name of Applicant : 1)LIFESCAN SCOTLAND LIMITED Address of Applicant :Beechwood Park North Inverness IV2 3ED United Kingdom U.K. (72)Name of Inventor : 1)MICHAEL MALECHA 2)ADAM CRAGGS
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : ELECTROCHEMICAL ANALYTE MEASUREMENT METHOD AND SYSTEM •

(57) Abstract :

Described and illustrated herein are systems and exemplary methods of operating an analyte measurement system having a meter and a test strip. In one embodiment, the method may be achieved by applying a first test voltage between a reference electrode and a second working electrode and applying a second test voltage between the reference electrode and a first c.l working electrode; measuring a first test current, a second test current, a third test current and a fourth test current at the second 0 working electrode after a blood sample containing an analyte is applied to the test strip;; measuring a fifth test current at the first 3 working electrode; estimating a hematocrit-corrected analyte concentration fkom the first, second, third, fourth and fifth test currents; and annunciation the hematocrit-corrected analyte concentration.

No. of Pages : 40 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :09/10/2012

(43) Publication Date : 22/01/2016

(51) International classification :C07C (71)Name of Applicant : (31) Priority Document No 1)INEOS USA LLC :12/661,705 (32) Priority Date Address of Applicant :3030 Warrenville Road Suite 650 :23/03/2010 (33) Name of priority country Lisle IL 60532 U.S.A. :U.S.A. (86) International Application No :PCT/US2011/000510 (72)Name of Inventor : Filing Date :21/03/2011 1)BRAZDIL James F. (87) International Publication No :WO 2011/119208 2)TOFT Mark A. (61) Patent of Addition to Application 3)SEELY Michael J. :NA Number 4)BESECKER Charles J. :NA 5)GUSTAFERRO Robert A. Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : IMPROVED MIXED METAL OXIDE AMMOXIDATION CATALYSTS

(57) Abstract :

A catalytic composition useful for the conversion of an olefin selected from the group consisting of propylene isobutylene or mixtures thereof to acrylonitrile methacrylonitrile and mixtures thereof. The catalytic composition comprising a complex of metal oxides comprising bismuth molybdenum iron cerium and other promoter elements wherein the X-ray diffraction pattern of the catalytic composition has X-ray diffraction peaks at 2 angle 28 ± 0.3 degrees and 2 angle 26.5 ± 0.3 degrees and wherein the ratio of the intensity of the most intense x-ray diffraction peak within 2 angle 28 ± 0.3 degrees to the intensity of most intense x-ray diffraction peak within 2 angle 26.5 ± 0.3 degrees to the intensity of most intense x-ray diffraction peak within 2 angle 26.5 ± 0.3 degrees to the intensity of most intense x-ray diffraction peak within 2 angle 26.5 ± 0.3 degrees is defined as X/Y and wherein X/Y is greater than or equal to 0.7.

No. of Pages : 38 No. of Claims : 20

(19) INDIA

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

(43) Publication Date : 22/01/2016

(54) Title of the invention : USE OF 4-PHENYLBUTYRIC ACID AND/OR THE SALTS THEREOF FOR ENHANCING THE STRESS TOLERANCE OF PLANTS

(57) Abstract :

Use of 4-phenylbutyric acid and/or the salts thereof for enhancing the stress tolerance of plants The invention relates to the use of 4phenylbutyric acid and/or salts thereof, of the formula (I) 10 n M n+ (1) for enhancing stress tolerance in plants to abiotic stress, preferably drought stress, and to the associated enhancement in plant growth and/or increase in plant yield.

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

(19) INDIA

(22) Date of filing of Application :09/10/2012

(43) Publication Date : 22/01/2016

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:C07C :12/661,716 :23/03/2010 :U.S.A. :PCT/US2011/000509	 (71)Name of Applicant : 1)INEOS USA LLC Address of Applicant :3030 Warrenville Road Suite 650 Lisle IL 60532 U.S.A. (72)Name of Inventor :
Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:21/03/2011 :WO 2011/119207 :NA	1)BESECKER Charles J. 2)BRAZDIL James F. Jr. 3)TOFT Mark A. 4)SEELY Michael J.
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	5)GUSTAFERRO Robert A.

(54) Title of the invention : PROCESS FOR PREPARING IMPROVED MIXED METAL OXIDE AMMOXIDATION CATALYSTS

(57) Abstract :

A process for the preparation of a catalyst wherein the relative ratios of the elements in said catalyst are represented by the following formula: Moi2 Bia Feb Ac Dd Ee Ff Gg Cej, Ox wherein: A is at least one element selected from the group consisting of sodium, potassium, rubidium and cesium; and D is at least one element selected from the group consisting of nickel, cobalt, manganese, zinc, magnesium, calcium, strontium, cadmium and barium; E is at least one element selected from the group consisting of chromium, tungsten, boron, aluminum, gallium, indium, phosphorus, arsenic, antimony, vanadium and tellurium; F is at least one element selected from the group consisting of a rare earth element, titanium, zirconium, hahium, niobium, tantalum, aluminum, gallium, indium, thallium, silicon, germanium, and lead; G is at least one element selected from the group consisting of silver, gold, ruthenium, rhodium, palladium, osmium, iridium, platinum and mercury; and a, b, c, d, e, f, g, h and n are, respectively, the atomic ratios of bismuth (Bi), iron (Fe), A, D, E, F, cerium (Ce) and oxygen (0), relative to 12 atoms of molybdenum (Mo), wherein a is from 0.05 to 7, b is from % ACRYLONITRILE YIELD 0.1 to 7, c is from 0.01 to 5, d is from 0.1 to 12, e is from 0 to 5, f is from 0 to 5, g is from 0 to 0.2, h is from 0.01 to 5, and n is the number of oxygen atoms required to satisfy the m o valence requirements of the other component elements r(INSTANT INVENTION present; and wherein the elements in said catalyst are com- bined together in an aqueous catalyst precursor slurry, the r(aqueous precursor slurry so obtained is dried to form a catalyst precursor, and the catalyst precursor is calcined to form said catalyst, the process comprising: (i) combining, in an aqueous solution, source compounds of Bi and Ce, and optionally one or more of Na, K, Rb, Cs, Ca, a rare earth element, Pb, W and Y, to form a mixture, (ii) adding a source compound of molybdenum to the mixture to react with the mixture and form a precipitate slurry, and (iii) combining the precipitate slurry with source compounds of the remaining elements and of the remaining molybdenum in the catalyst to form the aqueous catalyst precursor slurry.

No. of Pages : 42 No. of Claims : 30

(21) Application No.8826/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/10/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : CONCENTRATED LIQUID CLEANSER COMPOSITION AND PRODUCTION METHOD THEREOF :C07C (71)Name of Applicant : (51) International classification 1)SHISEIDO COMPANY LTD. (31) Priority Document No :2010-091799 (32) Priority Date Address of Applicant :5-5 Ginza 7-chome Chuo-ku Tokyo :12/04/2010 (33) Name of priority country :Japan 104-0061 Japan :PCT/JP2010/073771 (72)Name of Inventor : (86) International Application No Filing Date :28/12/2010 1)KINOSHITA Koichi (87) International Publication No :WO 2011/129034 2)KUROKAWA Kenji (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

An object of the present invention is to provide an easy-to-handle, before and after dilution with water, concentrated liquid cleanser composition and a production method thereof. A concentrated cleanser composition of the present invention is characterized by comprising: (A) an anionic surfactant, (B) an amphoteric surfactant, (C) 5 to 15 mass % of a monohydric or dihydric alcohol, (D) 8 to 18 mass % of a nonionic surfactant with the IOB value of 0.8 to 1.1 and the molecular weight of 500 or lower, and (E) 45 mass % or less of water, wherein the sum of (A) and (B) is 40 to 60 mass %; wherein the blending ratio (C):(D) is 3.5:1 to 1:2.5; and wherein the viscosity at 30 °C is 300 mPas or higher when the composition is diluted until the concentration of (A) and (B) becomes 15 mass %.

No. of Pages : 47 No. of Claims : 7

(22) Date of filing of Application :01/10/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : SOLAR COL	LECTORS	
 (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 	:G01N :61/324,730 :15/04/2010 :U.S.A.	 (71)Name of Applicant : 1)AXISOL INC. Address of Applicant :3438 Saint Marys Place Santa Clara CA 95051 U.S.A. (72)Name of Inventor : 1)KUMMAMURU Ravi K.

(57) Abstract :

An array of solar collectors includes dual axis reflectors for directing solar radiation to receivers at focal points of the reflectors. Solar radiation is used to heat a thermal energy storage material which may be used to generate steam for use in power generation with the aid of a turbine. The dual axis reflectors may pivot about independent axes of rotation thereby enabling use of the reflectors throughout the year.

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

(22) Date of filing of Application :03/10/2012

(21) Application No.8571/DELNP/2012 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : ASEPTIC DO	SING SYSTEM •	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:A61K :12/719,028 :08/03/2010 :U.S.A.	 (71)Name of Applicant : 1)THE COCA-COLA COMPANY Address of Applicant :Patents One Coca-Cola Plaza NW Atlanta GA 30313 U.S.A.
(86) International Application No Filing Date(87) International Publication No	:PCT/US2011/024691 :14/02/2011 : NA	(72)Name of Inventor :1)JAMES E GOLDMAN2)HUBERTUS ULRICH SCHUBERT
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)PETER SIMPSON 4)MARCELO SILVADO
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present application provides an aseptic dosing system (100) for dispensing a micro- ingredient (135). The 0 aseptic dosing system (100) may include a micro - ingredient source (140) adapted to dispense the micro - ingredient (135), a ster- ilizer (420) downstream of the micro - ingredient source (140) configured to sterilize the micro - ingredient (135), and a nozzle 0 (140) downstream of the sterilizer (420) configured to reconstitute the micro - ingredient (135) in or downstream thereof.

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

(19) INDIA

(22) Date of filing of Application :08/10/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : SULFUR CONTAINING SILICA PARTICLE

:NA

:NA

(51) International classification: C01B33/20, C01B33/18, C09C1/30 (71) Name of Applicant : (31) Priority Document No :12/756577 1)NALCO COMPANY (32) Priority Date :08/04/2010 Address of Applicant :1601 W. Diehl Road Naperville Illinois (33) Name of priority country :U.S.A. 60563 1198 U.S.A. (72)Name of Inventor: (86) International Application :PCT/US2011/031496 No 1)KEISER Bruce A. :07/04/2011 Filing Date 2)ERGANG Nicholas S. (87) International Publication **3)MIMNA Richard** :WO 2011/127230 No (61) Patent of Addition to :NA Application Number :NA

(57) Abstract :

Number

Filing Date

Filing Date

(62) Divisional to Application

A silica containing composition is disclosed. The composition comprises a compound having the following formula: (SiO)(OH)MSF: wherein M following metal or metalloid cations:

boron magnesium aluminum calcium titanium vanadium manganese iron cobalt nickel copper zinc zirconium molybdenum palladium silver cac bismuth; wherein S is a sulfur based species selected from at least one of the following: sulfide salts dithiocarbamates polymer based dithiocarb salts; wherein F optionally exists and said F is at least one of the following: a functionalized organosilane a sulfur containing organosilane an am organosilane and an alkyl containing organosilane at a surface area coverage of 0.01 100 %; and wherein the molar ratio of y/x is equal to 0.01 (equal to 3 300 and the molar ratio of a/z is 1 5.

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

(19) INDIA

(22) Date of filing of Application :08/10/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : SI	LICA CONTAINING PARTICLE	
 (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 	n :C01B33/20,C01B33/18,C09C1/30 :12/756,548 :08/04/2010 :U.S.A. :PCT/US2011/031491 :07/04/2011 :WO 2011/127228 :NA :NA :NA	 (71)Name of Applicant : 1)NALCO COMPANY Address of Applicant :1601 W. Diehl Road Naperville Illinois 60563 1198 U.S.A. (72)Name of Inventor : 1)KEISER Bruce A. 2)ERGANG Nicholas S. 3)MIMNA Richard

(57) Abstract :

A silica containing composition is disclosed. The silica composition comprising a compound having the following formula (SiO)(OH)MOF: whand said M is at least one of the following metal or metalloid cations:

boron magnesium aluminum calcium titanium vanadium manganese iron cobalt nickel copper zinc zirconium molybdenum palladium silver cad bismuth; wherein F optionally exists and said F is at least one of the following: a functionalized organosilane a sulfur containing organosilane at organosilane and an alkyl containing organosilane at a surface area coverage of 0.01 100 %; and wherein the molar ratio of y/x is equal to 0.01 0 equal to 0.1 300 and the molar ratio of a/z is dependent on the nature of the metal oxide formed.

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

(22) Date of filing of Application :07/11/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : DISPERSAN	T 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 Filing Date 	:C07C :61/327,749 :26/04/2010 :U.S.A.	 (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)DEAN THETFORD 2)PATRICK J. SUNDERLAND

(57) Abstract :

The invention relates to a composition containing a particulate solid, an organic medium, and a (meth)acrylic polymer. The invention further relates to novel compounds, and the use of the (meth)aclylic polymer as a dispersant, typically a pigment dispersant.

No. of Pages : 37 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : TREATMENT OF AUTOIMMUNE DISEASES

 (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 	:A61K48/00,A61K8/64,A61P17/14 :61/800354 :15/03/2013 :U.S.A. :PCT/US2014/029685 :14/03/2014 :WO 2014/145042	 (71)Name of Applicant : 1)LOMA LINDA UNIVERSITY Address of Applicant :11145 Anderson Street Loma Linda California 92350 U.S.A. (72)Name of Inventor : 1)ESCHER Alan P.
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

Compositions can be used for treatment of autoimmune diseases or conditions that result in hair loss such as alopecia.

No. of Pages : 32 No. of Claims : 36

(19) INDIA

(22) Date of filing of Application :26/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : HERBICIDAL COMPOSITIONS COMPRISING 4 AMINO 3 CHLORO 5 FLUORO 6 (4 CHLORO 2 FLUORO 3 METHOXYPHENYL) PYRIDINE 2 CARBOXYLIC ACID

 (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 	:A01N43/90,A01N43/54 :61/777598 :12/03/2013 :U.S.A. :PCT/US2014/023074 :11/03/2014 :WO 2014/159335 :NA :NA :NA :NA	 (71)Name of Applicant : 1)DOW AGROSCIENCES LLC Address of Applicant :9330 Zionsville Road Indianapolis IN 46268 U.S.A. (72)Name of Inventor : 1)MANN Richard K. 2)YERKES Carla N.
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(57) Abstract :

Provided herein are synergistic herbicidal compositions containing (a) a compound of formula (I): or an agriculturally acceptable salt or ester thereof and (b) insecticides including but not limited

to acephate carbaryl carbofuran cartap chlorpyrifos cypermethrin dimethoate dinotefuran etofenprox fenitrothion fipronil imidacloprid lambda cyhalothrin malathion methamidophos piperonyl butoxide pymetrozine spinetoram spinosad sulfoxaflor and triazophos. The compositions and methods provided herein control undesirable vegetation e.g. in direct seeded water seeded and transplanted

rice cereals wheat barley oats rye sorghum corn/maize sugarcane sunflower oilseed rape canola sugar

beet soybean cotton pineapple pastures grasslands rangelands fallowland turf tree and vine orchards plantation crops vegetables industrial vegetation management (IVM) and rights of way (ROW).

No. of Pages : 98 No. of Claims : 22

(22) Date of filing of Application :07/11/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD OF MAKING A COMPOSITE ARTICLE HAVING AN INTERNAL PASSAGEWAY (51) International classification :B32B7/00 (71)Name of Applicant : (31) Priority Document No 1)BELL HELICOPTER TEXTRON INC. :NA (32) Priority Date Address of Applicant : P.o. Box 482 Fort Worth TX 76101 :NA (33) Name of priority country :NA U.S.A. (86) International Application No :PCT/US2010/034643 (72)Name of Inventor : Filing Date :13/05/2010 1)ELLIOTT David A. (87) International Publication No :WO 2011/142757 2)KILMAIN Charles J. (61) Patent of Addition to Application 3)LIN Sherman S. :NA Number 4)MEASOM Ron :NA Filing Date **5)RILEY Walter** (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

In one particular embodiment a method for making a fiber reinforced composite article having an internal passageway includes providing a layup tool fiber placing a base layup onto the layup tool and generating a groove in the base layup. The method further includes placing a mandrel in the groove fiber placing a top layup onto the base layup and the mandrel curing the base layup and the top layup and removing the mandrel from the base layup and the top layup. In another particular embodiment the mandrel is replaced with a non-removable tube.

No. of Pages : 17 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :07/11/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : ACTIVE MEMBER OF THE HYDRAULIC LOCKING DEVICE EQUIPPED WITH MECHANIC LOCKING AND RETENTION •

 (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 	:B61D :PUV 2010-22560 :14/04/2010 :Czech Republic :PCT/CZ2011/000035 :14/04/2011 :WO/2011/127874 :NA :NA :NA	 (71)Name of Applicant : 1)DT- V • HYBK • RNA A STROJLRNA A.S Address of Applicant :Dolni 100 CZ- 797 11 Prostejov Czech Republic Czech Republic (72)Name of Inventor : 1)DUSAN NAVRATIL
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(57) Abstract :

The active member of the hydraulic locking device equipped with mechanic locking and rebention for setting of the railway switches swiich rails and crossing movable points consists of hollow piston and the controlling piston, characterized in that the hollow piston (10) is connected to the hollow piston rods (6, 12), in which the compressive springs (13, 24) are situated seated to the anges (31, 5) on the hollow piston rods (6, 12) and slide bushings (16, 25) on the piston rods (49, 50) of the controlling piston (32) the piston rods (49,50) of the controlling piston(32) are connected with endings (19,20) via hollow plns (23, 34) and via dog grooves (17, 22) in endings (19,20) with retention sleeves (1, 18).

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

(19) INDIA

(22) Date of filing of Application :07/11/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : POLYURETHANE ELASTOMERS A METHOD FOR PRODUCING SAME AND USE 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 	:C08F :10 2010 019 701.7 :07/05/2010 :Germany :PCT/EP2011/056955 :02/05/2011 :WO 2011/138275 :NA :NA :NA :NA	 (71)Name of Applicant : 1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant :Alfred-Nobel-Str. 10 D 40789 Monheim GERMANY Germany (72)Name of Inventor : 1)JENS KRAUSE 2)Manfred SCHMIDT
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(57) Abstract :

Process for preparing polyurethane elastomers, characterized in that a) monoineric polyisocyanate is reacted by means of a trimerization catalyst in an amount of from 0.1 to 2000 ppm, based on monomeric polyisocyanate, where the reaction is stopped at a proportion of from 0.01 lo 5.0% by weight of reacted polyisocyanate, based on the total polyisocyanate, by means of a stopper which is used in a molar ratio of stopper to trimerization catalyst from 1:2 to 20: 1,

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

(19) INDIA

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

(43) Publication Date : 22/01/2016

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:61/315,317	1)W.R. GRACE & COCONN
(32) Priority Date	:18/03/2010	Address of Applicant :7500 Grace Drive Columbia Maryland
(33) Name of priority country	:U.S.A.	21044 USA U.S.A.
(86) International Application No	:PCT/US2011/027571	(72)Name of Inventor :
Filing Date	:08/03/2011	1)YUYING SHU
(87) International Publication No	:WO 2011/115785	2)RICHARD F. WORMSBECHER
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)WU-CHENG CHENG
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : HIGH LIGHT OLEFINS FCC CATALYST COMPOSITIONS

(57) Abstract :

Catalytic cracking catalyst compositions and processes for cracking hydrocarbons to maximize light olefms prom duction are disclosed. Catalyst compositions comprise at least one zeolite having catalytic cracking activity under catalytic crack-0 ing conditions, preferably Y-type zeolite, which zeolite has low amounts of yttrium in specified ratios to rare earth metals ex-3 changed on the zeolite. Catalyst and processes of the invention provide increased yields of light olefins and gasoline olefins during a FCC process as compared to conventional lanthanum containing Y-type zeolite FCC catalysts.

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

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

(43) Publication Date : 22/01/2016

(54) Title of the invention : POWER POI	NT TRACKING	
 (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 	:A47J :12/722,163 :11/03/2012 :U.S.A.	 (71)Name of Applicant : 1)FIRST SOLAR INC. Address of Applicant :28101 Cedar Park Boulevard Perrysburg OH 43551 U.S.A. (72)Name of Inventor : 1)CHRISTOPHER THOMPSON

(57) Abstract :

An maximum power point tracking unit used in a solar cell power system can find maximum power point more efficiently

No. of Pages : 15 No. of Claims : 18

(19) INDIA

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

(43) Publication Date : 22/01/2016

(51) International classification	:G01N	(71)Name of Applicant :
(31) Priority Document No	:61/315,199	1)FIRST SOLAR INC.
(32) Priority Date	:18/03/2010	Address of Applicant :28101 Cedar Park Boulevard
(33) Name of priority country	:U.S.A.	Perrysburg OH 43551 U.S.A.
(86) International Application No	:PCT/US2011/028671	(72)Name of Inventor :
Filing Date	:16/03/2011	1)ZHIBO ZHAO
(87) International Publication No	:WO 2011/116097	2)DALE ROBERTS
(61) Patent of Addition to Application	:NA	3)YU YANG
Number	:NA	4)DOUGLAS DAUSON
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : PHOTOVOLTAIC DEVICE WITH CRYSTALLINE LAYER

(57) Abstract :

A method for manufacturing a multilayered structure may include forming a transparent conductive oxide layer including cadmium strannate in an annealing environment including a reducing agent at a temperature greater than 500 degrees C to crystallize the cadmium stannate.

No. of Pages : 16 No. of Claims : 32

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

(21) Application No.8673/DELNP/2012 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : HIGH PRESSURE 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 (62) Divisional to Application Number Filing Date 	:PCT/EP2011/053095 :02/03/2011 :WO 2011/128149 :NA :NA	 (71)Name of Applicant : ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart (72)Name of Inventor : MELER Gerhard REPPHUN Gernot MAY Ulrich
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(57) Abstract :

A high-pressure pump (1) which serves, in particular, as a radial or in-line piston pump for fuel injection Systems of air-compressing, auto-ignition internal combustion engines, comprises a pump assembly (6) and a drive shaft (7) which has at least one cam (10) which is assigned to the pump assembly (6). Here, the pump assembly (6) comprises a roller (31) which runs on a running surface (34) of the cam (10) and a roller shoe (30) which receives the roller (3 1). Here, at least one anti-corrosion layer is provided on the roller (3 1) and/or at least one anti-corrosion layer is provided on the cam (10). This can prevent oscillation crack corrosion occurring during Operation, which corrosion can lead under loading to breakouts near the surface and, as a result, to failure of the high-pressure pump.

No. of Pages : 13 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :07/11/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : POLYMORPHS OF A METABOTROPIC GLUTAMATE RECEPTOR POSITIVE ALLOSTERIC MODULATOR •

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 (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 	:A61K :61/329,662 :30/04/2010 :U.S.A. :PCT/SE2011/050489 :21/04/2011 :WO 2011/136723 :NA :NA :NA	 (71)Name of Applicant : 1)ASTRAZENECA AB Address of Applicant :S-151 85 Sdertlje Sweden Sweden (72)Name of Inventor : 1)HELEN BLADE 2)STEPHEN DAVID COSGROVE
Filing Date	:NA	

(57) Abstract :

Polymorphs of 7-methyl-5-(3-piperazin-1-ylmethyl-[1,2,4]oxadiazol-5-yl)-2-(4- trifluoromethoxybenzyl)-2,3-dihydroisoindol-1-one mesylate salt, methods of making these polymorphs and uses thereof.

No. of Pages : 25 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :07/11/2012

(43) Publication Date : 22/01/2016

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	:1007656.0	1)DEPUY (IRELAND)
(32) Priority Date	:07/05/2010	Address of Applicant :Loughbeg Ringaskiddy County Cork
(33) Name of priority country	:U.K.	(IE) Ireland
(86) International Application No	:PCT/EP2011/054794	(72)Name of Inventor :
Filing Date	:29/03/2011	1)ANDERS EKELUND
(87) International Publication No	:WO 2011/138090	2)SYLVAIN GAUTHIER
(61) Patent of Addition to Application	:NA	3)LAURENT LAFOSSE
Number		4)JACK LONG
Filing Date	:NA	5)ROBIN MAISONNEUVE
(62) Divisional to Application Number	:NA	6)DIDIER PONCET
Filing Date	:NA	

(54) Title of the invention : ROTATABLE COLLAR FOR A PROSTHESIS •

(57) Abstract :

A collar (2) arranged to couple to a prosthetic component for implantation at the end of a long bone, the prosthetic component having a distal portion arranged to couple to the bone and a proximal neck portion arranged to couple to an articulation component. The collar (2) comprises a plate including a neck hole (4) to receive a neck portion, such that the collar can rotate about the neck portion. The collar (2) further comprises a plurality of attachment portions (12) for coupling the plate to bone fragments or soft tissues. The collar (2) is lockable to the neck portion to prevent further rotation. A prosthesis comprising a combination of a collar (2), a prosthetic component and an articulation component, and a surgical method of using the collar (2) are also disclosed.

No. of Pages : 21 No. of Claims : 16

(22) Date of filing of Application :03/10/2012

(43) Publication Date : 22/01/2016

(51) International classification :B68C (71)Name of Applicant : (31) Priority Document No 1)SAINT-GOBAIN PAM :10 52510 (32) Priority Date Address of Applicant :91 Avenue de la Libration F-54000 :02/04/2010 (33) Name of priority country :France Nancy France (86) International Application No :PCT/FR2011/050737 (72)Name of Inventor : Filing Date :01/04/2011 **1)YANN MONNIN** (87) International Publication No :WO 2011/121252 2)VICTORIA LAGES (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : SECTION OF PIPE LINED WITH A RESIN MORTAR AND CORRESPONDING METHOD •

(57) Abstract :

This section of pipe comprises a basic body (10) made of metal, defining a basic body external surface (12) and a basic body internal surface (14), and an internal lining (16) applied to the basic body internal surface (14). The internal lining (16) comprises a resin mortar and in particular consists of a resin mortar, and the resin mortar comprises a mineral filler and an organic binder.

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

(19) INDIA

(22) Date of filing of Application :03/10/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : WAVEGUID	E •	
(51) International classification(31) Priority Document No(32) Priority Date	:G01N :10275025.4 :03/03/2010	 (71)Name of Applicant : 1)ASTRIUM LIMITED Address of Applicant :Gunnels Wood Road Stevenage
(32) Fibrity Date(33) Name of priority country(86) International Application No	:EPO	Hertfordshire SG1 2AS U.K. (72) Name of Inventor :
Filing Date (87) International Publication No	:02/03/2011 :WO 2011/107523	1)MARK ANTHONY KUNES
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A waveguide is provided that comprises an elongate dielectric inner region, and an electrically conducting outer region spaced apart fkom the dielectric inner region. The dielectric inner region may be arranged to be flexible, and in some examples may be formed fkom powdered dielectric contained in a polymer tube or matrix, or in other examples may be formed fkom a plurality of segments. In some examples of the waveguide, each segment may be formed to have lenticular end faces, and may be formed fkom sintered BaTi409.

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

(22) Date of filing of Application :03/10/2012

(43) Publication Date : 22/01/2016

 (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 	:C07C :61/317,868 :26/03/2010 :U.S.A. :PCT/US2011/028608 :16/03/2011 :WO 2011/119388	 (71)Name of Applicant : 1)HONEYWELL INTERNATIONAL INC. Address of Applicant :Patent Services M/S AB/2B 101 Columbia Road P.O. Box 2245 Morristown New Jersey 07962-2245 U.S.A. (72)Name of Inventor : 1)HSUEH SUNG TUNG
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)HAIYOU WANG
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : PROCESS FOR THE MANUFACTURE OF HEXAFLUORO-2-BUTENE •

(57) Abstract :

Hexafluoro-2-butene (HFO-1336) is a low global warming potential blowing agent, refkigerant and solvent. This 0 invention provides methods for making the compound, including the cis-isomer, fkom the readily available raw materials, carbon 3 tetrachloride and ethylene. The trans-isomer formed in the process can be isomerized into cis-isomer by the use of an isomerization catalyst.

No. of Pages : 28 No. of Claims : 13

(22) Date of filing of Application :03/10/2012

(43) Publication Date : 22/01/2016

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:61/317,879	1)HONEYWELL INTERNATIONAL INC.
(32) Priority Date	:26/03/2010	Address of Applicant :Patent Services M/S AB/2B 101
(33) Name of priority country	:U.S.A.	Columbia Road P.O. Box 2245 Morristown New Jersey 07962-
(86) International Application No	:PCT/US2011/028476	2245 U.S.A.
Filing Date	:15/03/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2011/119370	1)HSUEH SUNG TUNG
(61) Patent of Addition to Application	:NA	2)HAIYOU WANG
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : METHOD FOR MAKING HEXAFLUORO-2-BUTENE •

(57) Abstract :

Hexafluoro-2-butene (HFO-1336) is a low global warming potential blowing agent, refkigerant and solvent. This invention provides a method for making the compound, including the cis-isomer, fkom the readily available raw materials, carbon O tetrachloride and 3,3,3-trifluoropropene. The trans-isomer formed in the process can be isomerized into cis-isomer by the use of 3 an isomerization catalyst.

No. of Pages : 16 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :07/11/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : COMPOSITIONS CONTAINING PURINE AND PYRIMIDINE NUCLEOSIDES PEPTIDES AND MANGANESE AND THEIR USES

 (51) International classification (31) Priority Documen 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 	:61/329381 :29/04/2010 :U.S.A. :PCT/US2011/034484 :29/04/2011 :WO 2011/139881	 (71)Name of Applicant : 1)THE HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE INC. Address of Applicant :1401 Rockville Pike Suite 600 Rockville MD 20852 U.S.A. (72)Name of Inventor : 1)DALY Michael J. 2)GAIDAMAKOVA Elena K.
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(57) Abstract :

The invention provides methods of producing vaccines directed against microorganisms with the methods comprising culturing harvesting and/or suspending the microorganism in the presence of a radiation protective composition and irradiating the bacteria or viruses with a dose of radiation sufficient to render the microorganism replication deficient and/or non infective. The radiation protective compositions used in the methods of the present invention comprise at least one nucleoside at least one antioxidant and at least one small peptide. The invention also provides methods of rendering bacteria in culture resistant to ionizing radiation (IR) with these methods comprising culturing the bacteria in the presence of a radiation protective composition.

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

(21) Application No.9661/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/11/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : PROCESS FOR LIQUEFYING A CELLULOSIC MATERIAL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:12/05/2011	 (71)Name of Applicant : SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. Address of Applicant :Carel van Bylandtlaan 30 NL 2596 HR The Hague Netherlands (72)Name of Inventor : VON HEBEL Klaas Lambertus LANGE Jean Paul
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(57) Abstract :

A process for liquefying a cellulosic material comprising hydrolysing the cellulosic material in the presence of an acid catalyst in a solvent mixture to produce a liquefied product wherein the solvent mixture contains water and in the range of 5 to 95 wt% of a co solvent and wherein the co solvent is present in an amount of less than or equal to 90% by weight based on the weight of water and co solvent which co solvent comprises one or more polar solvents and wherein the solvent mixture is at least partly recycled.

No. of Pages : 29 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :07/11/2012

(43) Publication Date : 22/01/2016

(51) International classification	:H02K7/09	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DANFOSS TURBOCOR COMPRESSORS B.V.
(32) Priority Date	:NA	Address of Applicant :Koningslaan 17 NL 1075 AA
(33) Name of priority country	:NA	Amsterdam Netherlands
(86) International Application No	:PCT/US2010/043481	(72)Name of Inventor :
Filing Date	:28/07/2010	1)SUN Lin
(87) International Publication No	:WO 2012/015398	2)PEPIN Alain
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : REFRIGERANT COMPRESSOR MAGNETIC BEARING

(57) Abstract :

A magnetic bearing assembly includes a lamination stack with coil apertures extending between opposing sides. A continuous unitary insulation layer is overmoulded onto the opposing sides and within the coil apertures providing a coil aperture lining. The insulation layer includes a wall within the coil aperture adjoining coil aperture lining and bisecting the coil aperture into first and second openings. A coil portion is disposed in each of the first and second openings and electrically isolated from one another by the wall. The magnetic bearing assembly is arranged in a refrigerant compressor that includes an electric motor rotationally configured to rotationally drive an impeller via a shaft. A controller is in communication with the magnetic bearing and configured to energize the coils and provide a magnetic field rotationally supporting the shaft.

No. of Pages : 16 No. of Claims : 18

(21) Application No.9663/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/11/2012

(43) Publication Date : 22/01/2016

(51) International classification	:A61M31/00	(71)Name of Applicant :
(31) Priority Document No	:61/345022	1)C.R. BARD INC.
(32) Priority Date	:14/05/2010	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	:PCT/US2011/036530	(72)Name of Inventor :
Filing Date	:13/05/2011	1)BLANCHARD Daniel B.
(87) International Publication No	:WO 2011/143621	2)HALL John W.
(61) Patent of Addition to Application	:NA	3)STATS Jason R.
Number	:NA	4)CHRISTENSEN Mark A.
Filing Date	.1171	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : CATHETER PLACEMENT DEVICE AND METHOD

(57) Abstract :

An insertion tool for inserting a catheter into a body of a patient is disclosed. The insertion tool unifies needle insertion guidewire advancement and catheter insertion in a single device. In one embodiment the insertion tool comprises a housing in which at least a portion of the catheter is initially disposed a hollow needle distally extending from the housing with at least a portion of the catheter pre disposed over the needle and a guidewire pre disposed within the needle. A guidewire advancement assembly is also included for selectively advancing the guidewire distally past a distal end of the needle in preparation for distal advancement of the catheter. In one embodiment a catheter advancement assembly is also included for selectively advancing the catheter advancement assembly is also included for selectively advancing the catheter into the patient. Each advancement assembly can include a slide or other actuator that enables a user to selectively advance the desired component.

No. of Pages : 76 No. of Claims : 40

(19) INDIA

(22) Date of filing of Application :07/11/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : OPERATION DEVICE FOR SOLAR SHADING DEVICE LIFTING DEVICE FOR ROLL UP SHADE AND OPERATING PULLEY

 (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 	:E06B9/322,E06B9/326 :2010091737 :12/04/2010 :Japan :PCT/JP2011/059113 :12/04/2011 :WO 2011/129345 :NA :NA :NA :NA	 (71)Name of Applicant : 1)TACHIKAWA CORPORATION Address of Applicant :3 1 12 Mita Minato ku Tokyo 1088334 Japan (72)Name of Inventor : 1)KAWAI Eiji 2)NAKAMURA Hajime 3)HADANO Yoshiyuki 4)OKAMURA Tadashi
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(57) Abstract :

An operation apparatus of a sunlight shielding apparatus is provided which is equipped with a fail-safe function so as not to hinder behavior of a dweller or the like, and, in usual operation, unnecessary activation of the failsafe function is prevented, so that enhanced operability can be realized. In a sunlight shielding apparatus in which an operation cord of an endless type is suspended from a pulley supported so as to be capable of rotating in a head box, and a driving shaft is rotated based on an operation of the operation cord by way of the pulley so as to drive a shielding member, the operation cord 16 is made into an endless type by coupling via a coupling section which is configured to be decoupled with a predetermined first pull force, and a torque limiter 18 is interposed between the pulley 15 and the driving shaft 11, 12, the torque limiter being configured to run idle with a second rotation torque which is smaller than a first rotation torque which is exerted on the pulley by the first pull force.

No. of Pages : 88 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :07/11/2012

(43) Publication Date : 22/01/2016

(51) International classification(31) Priority Document No	:B31D :201020152933.X	(71)Name of Applicant : 1)FUJIAN PROVINCE HUALONG MACHINERY CO.
(32) Priority Date	:08/04/2010	LTD
(33) Name of priority country	:China	Address of Applicant :Huangshi Industrial Zone Licheng
(86) International Application No	:PCT/CN2011/072516	District Putian City Fujian Province 351144 China China
Filing Date	:07/04/2011	(72)Name of Inventor :
(87) International Publication No	:WO/2011/124143	1)Tianhua LIN
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : GANTRY TYPE CUTTING MACHINE

(57) Abstract :

A gantry type cutting machine includes a platform (1) two longitudinal beams (2) with linear guide rails (21) and fixedly connected with either side of the platform (1) a bridging beam (3) travelling on the linear guide rails (21) of the longitudinal beams a trolley (4) travelling on the bridging beam (3) an elevatable and rotatable saw (6) located on the trolley (4). The saw (6) is fixed on a rotary shaft (61) which is located on an elevating board (5) through bearings. A rotary motor (7) is fixed on the elevating board (5) and the output shaft of the rotary motor (7) is connected with the rotary shaft (61) via a synchronous belt (72).....

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

(19) INDIA

(22) Date of filing of Application :07/11/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD OF MAKING A DIAMOND PARTICLE SUSPENSION AND METHOD OF MAKING A POLYCRYSTALLINE DIAMOND ARTICLE THEREFROM •

 (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 	:G06Q :61/324,142 :14/04/2010 :U.S.A. :PCT/US2011/032502 :14/04/2011 :WO 2011/130516 :NA :NA :NA	 (71)Name of Applicant : 1)BAKER HUGHES INCORPORATED Address of Applicant :P.O. Box 4740 Houston Texas 77210- 4740 U.S.A. (72)Name of Inventor : 1)SOMA CHAKRABORTY 2)GAURAV AGRAWAL
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(57) Abstract :

A method of forming a substantially homogeneous suspension of nanodiamond particles and microdiamond particles is disclosed The method includes disposing a first functional group on a plurality of nanodiamond particles to form derivatized nanodiamond particles, and combining the derivatized nanodiamond particles with a plurality of microdiamond particles and a solvent to form a substantially homogeneous suspension of the derivatized nanodiamond particles and microdiamond particles in the solvent. A method of making an article is also disclosed. The method includes forming a superabrasive polycrystalline diamond compact by combining: a plurality of derivatized microdiamond particles having an average particle size greater than that of the derivatized nanodiamond particles, and a metal solvent-catalyst. The method also includes combining the polycrystalline diamond with a substrate comprising a ceramic. The method further includes removing a portion of the metal solvent-catalyst from the polycrystalline diamond compact by leaching.

No. of Pages : 48 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :09/10/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : USE OF DERIVATIVES OF THE (1-CYANOCYCLOPROPYL)PHENYLPHOSPHINIC ACID THE ESTERS THEREOF AND/OR THE SALTS THEREOF FOR ENHANCING THE TOLERANCE OF PLANTS TO ABIOTIC STRESS

 (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 	:C07C :10159470.3 :09/04/2010 :EPO :PCT/EP2011/055211 :04/04/2011 :WO 2011/124553 :NA :NA :NA :NA	 (71)Name of Applicant : (71)Name of Applicant : 1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant :Alfred-Nobel-Strasse 10 40789 Monheim Germany Germany (72)Name of Inventor : 1)LOTHAR WILLMS 2)HANS-JOACHIM ZEI 3)MARCO BUSCH 4)CHRISTOPHER HUGH ROSINGER 5)INES HEINEMANN 6)ISOLDE H,,USER-HAHN 7)JEFFREY MARTIN HILLS 8)PASCAL VON KOSKULL-D–RING
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(57) Abstract :

The invention relates to the use of derivatives of the (I-cyanocyclopropyl)phenylphosphinic acid of formula (I) and r(the salts thereof of formula (II) for enhancing the stress tolerance of plants to abiotic stress, preferably drought stress, in particular 0 for strengthening plant growth and/or increasing plant yield.

No. of Pages : 112 No. of Claims : 17

(22) Date of filing of Application :09/10/2012

(43) Publication Date : 22/01/2016

(51) International classification :C07C (71)Name of Applicant : (31) Priority Document No 1)BAYER MATERIALSCIENCE LLC :61/322,421 (32) Priority Date Address of Applicant :100 Bayer Road Pittsburgh PA 15205-:09/04/2010 (33) Name of priority country 9741 U.S.A. :U.S.A. (86) International Application No :PCT/US2011/000609 (72)Name of Inventor : Filing Date :05/04/2011 1)KURT E. BEST (87) International Publication No :WO 2011/126562 2)JOHN P. FORSYTHE (61) Patent of Addition to Application **3)JOSEPH R. KLEER** :NA Number **4)MICHAEL K. JEFFRIES** :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : TWO-COMPONENT POLYASPARTIC COATING COMPOSITIONS

(57) Abstract :

A polyurea coating composition comprising the reaction product of an isocyanate-functional component (A) com- prismg: a) an

aliphatic isocyanate functional material; and b) a cycloaliphatic isocyanate functional material; and an isocyanate-reactive component (B) comprising at least one polyaspartic acid ester component.

No. of Pages : 53 No. of Claims : 33

(19) INDIA

(22) Date of filing of Application :09/10/2012

(43) Publication Date : 22/01/2016

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	:10305265.0	1)THOMAS MAURICE STEWART GREGORY
(32) Priority Date	:17/03/2010	Address of Applicant :10 Upper Groversnor Steet London
(33) Name of priority country	:EPO	W1K 2NA U.K.
(86) International Application No	:PCT/GB2011/050521	(72)Name of Inventor :
Filing Date	:16/03/2011	1)THOMAS MAURICE STEWART GREGORY
(87) International Publication No	:WO 2011/114153	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
Filing Date	:NA	

(54) Title of the invention : SHOULDER REPLACEMENT APPARATUS •

(57) Abstract :

A surgical device (100) for guiding a key wire during a shoulder arthroplasty procedure, comprising a guide (105) for guiding a key wire (160) during the process of drilling into a scapula, and clamp means (101) configured to engage with the scapula neck such that a key wire located in the guide is located in a predetermined geometrical relationship with the scapula neck.

No. of Pages : 32 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :07/11/2012

(43) Publication Date : 22/01/2016

(51) International classification	:C08H8/00,C10G1/06	(71)Name of Applicant :
(31) Priority Document No	:10162722.2	1)SHELL INTERNATIONALE RESEARCH
(32) Priority Date	:12/05/2010	MAATSCHAPPIJ B.V.
(33) Name of priority country	:EPO	Address of Applicant :Carel van Bylandtlaan 30 NL 2596 HI
(86) International Application No	:PCT/EP2011/057695	The Hague Netherlands
Filing Date	:12/05/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2011/141546	1)VON HEBEL Klaas Lambertus
(61) Patent of Addition to Application	:NA	2)LANGE Jean Paul
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : PROCESS FOR LIQUEFYING A CELLULOSIC MATERIAL

(57) Abstract :

A process for liquefying a cellulosic material to produce a liquefied product which process comprises contacting the cellulosic material simultaneously with an acid catalyst; a solvent mixture containing water and a co solvent which co solvent comprises one or more polar solvents and which co solvent is present in an amount of more than or equal to 10% by weight and less than or equal to 95% by weight based on the total weight of water and co solvent; a hydrogenation catalyst; and a source of hydrogen. Products obtained from the above process and use of such products to prepare biofuels.

No. of Pages : 45 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :03/10/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR MANUFACTURING TWO ADJACENT AREAS MADE OF DIFFERENT MATERIALS

 (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 	:H01L27/28,H01L31/10 :1052647 :08/04/2010 /:France :PCT/FR2011/050466 :07/03/2011 :WO 2011/124792 :NA :NA	 (71)Name of Applicant : 1)COMMISSARIAT A LENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES Address of Applicant :25 Rue Leblanc Btiment Le Ponant D F 75015 Paris France (72)Name of Inventor : 1)BENWADIH Mohamed 2)SERBUTOVIEZ Christophe 3)VERILHAC Jean Marie
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(57) Abstract :

The invention relates to a method for manufacturing adjacent first and second areas of a surface (14), said areas consisting, respectively, of first and second materials that are diffrent from each other. Said method involves: depositing a first liquid volume (20) that encompasses the first area and comprises a solvent in which the first material is dispersed; depositing a - second liquid volume (22) that encompasses the second area and comprises a solvent in which the second material is dispersed; and removing the solvents. According to the invention, the solvents of the first and second volumes (20, 22) are immiscible, and - the second volume (22) is simultaneously or consecutively deposited with the dposition of the first volume (20), before the first ® volume reaches the second area.

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

(19) INDIA

(22) Date of filing of Application :07/11/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : UNIVERSALLY APPLICABLE LYSIS BUFFER AND PROCESSING METHODS FOR THE LYSIS OF BODILY SAMPLES

 (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 	:10005128.3 :17/05/2010 :EPO :PCT/EP2011/002303 :09/05/2011 :WO/2011/144304 :NA :NA :NA	 (71)Name of Applicant : 1)CURETIS AG Address of Applicant :Max-Eyth-Strasse 42 71088 Holzgerlingen Germany (72)Name of Inventor : 1)KLEIN Matthias 2)LDKE Gerd 3)BOOS Andreas
Filing Date	:NA	

(57) Abstract :

The present invention provides a universally applicable lysis buffer comprising a chaotropic 5 agent, a reducing agent, and a proteolytic enzyme suitable for processing a wide variety o different sample types, such as different types of bodily samples relevant for the diagnosis o a respiratory disease. Furthermore, the present invention provides the use of a chaotropic agent, a reducing agent, and a proteolytic enzyme for the lysis of a broad spectrum of bodily samples. Moreover, the present invention provides a method for processing bodily samples which is universally applicable to the lysis of a variety of different types of bodily samples. Furthermore, the present invention provides methods for analyzing a bodily sample or for detecting the presence of a pathogen in a bodily sample, preferably, for diagnosing a respiratory disease, such as pneumonia or tuberculosis. Preferably, these methods are universally applicable as one-tube-processes, are 15 suitable for performance in a high-throughput setting, and are automatable.

No. of Pages : 88 No. of Claims : 17

(22) Date of filing of Application :07/11/2012

(21) Application No.9667/DELNP/2012 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : NITRIDED S	SINTERED STEELS	
 (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 	:C22C :61/351,363 :04/06/2010 :U.S.A. :PCT/SE2011/050645 :24/05/2011 :WO 2011/152774 :NA :NA :NA :NA	 (71)Name of Applicant : 1)H–GAN,,S AB (PUBL) Address of Applicant :S-263 83 Hgans Sweden Sweden (72)Name of Inventor : 1)BERG Sigurd 2)DIZDAR Senad 3)ENGSTR–M Ulf 4)LITSTROM Ola 5)SCHNEIDER Eckart

(57) Abstract :

The present invention concerns method of producing sintered components and sintered components by the method. The method provides a cost effective production of sintered steel parts with wear resistance properties comparable to those of components made from chilled cast iron.

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

(19) INDIA

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

(43) Publication Date : 22/01/2016

(54) Title of the invention : PROCESS FOR PREPARATION OF DOPO-DERIVED COMPOUNDS AND COMPOSITIONS 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 	:C07C :61/319,580 :31/03/2010 :U.S.A. :PCT/US2011/030183 :28/03/2011 :WO 2011/123389 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ALBEMARLE CORPORATION Address of Applicant :451 Florida Street Baton Rouge LA 70801-1765 U.S.A. (72)Name of Inventor : 1)QIANG YAO 2)ARTHUR G. MACK 3)WANG JUNZUO
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(57) Abstract :

This invention relates to a process for producing compounds derived from 9,IO- Dihydro-9-Oxa-10-Phos- phaphenantrene- 10-oxide (DOPO). In particular, the invention relates to producing DOPO-derived compounds by reacting DOPO with diol compounds in the presence of a catalyst. This invention also relates to DOPO derived composition containing a high 0 melting point diastereomer. The DOPO derived compounds may be useful as flame-retardants.

No. of Pages : 34 No. of Claims : 36

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

(43) Publication Date : 22/01/2016

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:61/313,512	1)THE REGENTS OF THE UNIVERSITY OF
(32) Priority Date	:12/03/2010	CALIFORNIA
(33) Name of priority country	:U.S.A.	Address of Applicant :1111 Franklin Street 8th Floor
(86) International Application No	:PCT/US2011/028014	Oakland CA 94607-5200 U.S.A.
Filing Date	:11/03/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2011/112883	1)LIANGFANG ZHANG
(61) Patent of Addition to Application	:NA	2)DISSAYA PORNPATTANANANGKUL
Number	:NA :NA	3)CHUN-MING E. HUANG
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		·

(54) Title of the invention : TRIGGERED CARGO RELEASE FROM NANOPARTICLE STABILIZED LIPOSOMES •

(57) Abstract :

A new approach to control the fusion activity of liposomes by adsorbing biocompatible nanoparticles to the outer surface of phospholipid liposomes is disclosed. The biocompatible nanoparticles effectively prevent liposomes from fusing with one another. Release of cargo from the liposome is accomplished via trigger mechamisms that include pH triggers, pore forming toxing triggers and photosentisitve triggers. Dermal drug delivery to treat a variety of skin diseases such as acne vulgaris and staph 3 hfections is comtemplated.

No. of Pages : 64 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :09/10/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : CROSSLINKABLE POLYMER COMPOSITION AND CABLE WITH ADVANTAGEOUS ELECTRICAL PROPERTIES

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C08K3/36,H01B3/44,H01B9/00 :10159842.3 :14/04/2010 :EPO	 (71)Name of Applicant : 1)Borealis AG Address of Applicant :Wagramer Strasse 17 19 A 1220 Vienna Austria
(86) International Application No		(72)Name of Inventor :
Filing Date (87) International Publication No.	:01/03/2011 o :WO 2011/128147	1)NILSSON Ulf 2)HAGSTRAND Per Ola
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)ENGLUND Villgot 4)RONGSHENG Liu
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a polymer composition with improved DC electrical properties and to a cable surrounded by at least one layer comprising the polymer composition.

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

(22) Date of filing of Application :04/10/2012

(43) Publication Date : 22/01/2016

(51) International classification	:F03G	(71)Name of Applicant :
(31) Priority Document No	:12/798,499	1)THE GATES CORPORATION
(32) Priority Date	:06/04/2010	Address of Applicant :1551 Wewatta Street Denver CO
(33) Name of priority country	:U.S.A.	80202 U.S.A.
(86) International Application No	:PCT/US2011/030643	(72)Name of Inventor :
Filing Date	:31/03/2011	1)ALEXANDER SERKH
(87) International Publication No	:WO 2011/126915	2)DEAN SCHNEIDER
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : BYCYCLE PLANETARY GEAR TRANSMISSION ARRANGEMENT

(57) Abstract :

A bicycle comprising a frame (30) and at least one wheel (34) attached to the frame, the frame further comprising a receiver (20), a first planetary gear transmission disposed in the receiver, the wheel having a hub (36), a second planetary gear transmission disposed in the hub, and an endless member (50) for transmitting a torque trained between the first planetary gear transmission and the second planetary gear transmission.

No. of Pages : 47 No. of Claims : 18

(22) Date of filing of Application :04/10/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : SEPARATION OF CLOSE BOILING COMPOUNDS BY ADDITION OF A THIRD COMPOUND

(57) Abstract :

The invention provides a method for separating halocarbons In particular, a method for separating 2- c.l chloro- 1,l,l,2- tetrafluoropropane (HCFC-244bb) fkom 2-chloro-3,3,3-trifluoropropen(eH CFC- 1233x0 by adding a third compo- 0 nent and then separating via conventional distillation. More particularly the invention pertains to a method for separating 3 HCFC-244bb fkom HCFC-1233xf which are useful as intermediates in the production of 2,3,3,3-tetrafluoropropene (HFO-1234yt).

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

(21) Application No.8788/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 22/01/2016

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:61/312,923	1)MEARTHANE PRODUCTS CORPORATION
(32) Priority Date	:11/03/2010	Address of Applicant :16 Western Industrial Drive Cranston
(33) Name of priority country	:U.S.A.	Rhode Island 02921 U.S.A.
(86) International Application No	:PCT/US2011/027889	(72)Name of Inventor :
Filing Date	:10/03/2011	1)ALBERT C. CHIANG
(87) International Publication No	:WO 2011/112806	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : HIGH CONDUCTIVE SOFT URETHANE ROLLERS •

(57) Abstract :

Rollers for high speed printers and paper handling devices are fabricated by reacting polymeric diphenylmethane diisocyanate with a polyester polyol andlor polyester polyamine and an optional extender, together with a metal salt, a catalyst, and one or more other optional additives, including a liquid conductive additive. The resulting rollers provide a hardness as low as 15A on cube, a resistivity as low as 5E4 Ω .cm, a compression set as low as 0.5% at room temperature and as low as 3% at 157 F, 3 and low tackiness as low as 13 g/cm of adhesion force.

No. of Pages : 24 No. of Claims : 20

(19) INDIA

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

(43) Publication Date : 22/01/2016

(51) International classification :A47J (71)Name of Applicant : (31) Priority Document No 1)JOHNSON & JOHNSON VISION CARE INC. :61/323,438 (32) Priority Date Address of Applicant :7500 Centurion Parkway Jacksonville :13/04/2010 (33) Name of priority country FL 32256 U.S.A. :U.S.A. (86) International Application No :PCT/US2011/031879 (72)Name of Inventor : Filing Date **1)DONNIE J. DUIS** :11/04/2011 (87) International Publication No :WO 2011/130138 2) JOHN R. BUCH (61) Patent of Addition to Application **3)HOLLY L. GRAMMER** :NA Number **4)ERIC R. GEORGE** :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present invention relates to contact lenses which reduce indoor glare and provide improved comfort to the wearer.

(54) Title of the invention : CONTACT LENSES DISPLAYING REDUCED INDOOR GLARE •

No. of Pages : 35 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :27/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : BISPHENOL A FREE POLYETHER RESINS BASED ON PHENOL STEARIC ACID AND COATING COMPOSITIONS FORMED THEREFROM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:PCT/EP2014/055047 :14/03/2014	 1)AKZO NOBEL COATINGS INTERNATIONAL B.V. Address of Applicant :Velperweg 76 NL 6824 BM Arnhem Netherlands 2)SI GROUP INC. (72)Name of Inventor : CRAUN Gary Pierce BODE Daniel BANACH Timothy Edward
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	4)ROBIDEAU Gary Joseph 5)HOWARD Leigh Scott

(57) Abstract :

Coating compositions can be prepared from a polyether resin wherein the smallest difunctional hydroxyl phenyl segment used to form the polyether resin has a molecular weight greater than about 500 and wherein the smallest difunctional hydroxyl phenyl segment used to form the polyether resin does not comprise two or more non impaired hydroxyl groups attached to two or more different five membered or six membered carbon atom rings in a segment having a molecular weight less than about 500. The polyether resin can be prepared by reacting a dihydroxyl compound and/or a diamine compound with a phenol stearic acid compound to produce a diphenol and reacting the diphenol with a diglycidyl ether compound to form the polyether resin.

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

(21) Application No.8603/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/10/2012

(43) Publication Date : 22/01/2016

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:61/322,578	1)CRITICAL CARE DIAGNOSTICS INC.
(32) Priority Date	:09/04/2010	Address of Applicant :3030 Bunker Hill St. Suite 115A San
(33) Name of priority country	:U.S.A.	Diego California 92109 U.S.A.
(86) International Application No	:PCT/US2011/031801	(72)Name of Inventor :
Filing Date	:08/04/2011	1)SNIDER James V.
(87) International Publication No	:WO 2011/127412	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : SOLUBLE HUMAN ST-2 ANTIBODIES AND ASSAYS

(57) Abstract :

Provided herein are antibodies and antigen-binding antibody fragments that bind to human soluble Growth Stimulation-Expressed Gene 2 (ST2) protein kits containing these antibodies and antibody fragments and methods of using these antibodies and antibody fragments.

No. of Pages: 85 No. of Claims: 36

(19) INDIA

(22) Date of filing of Application :04/10/2012

(43) Publication Date : 22/01/2016

· · ·		
(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:61/311,615	1)WILLIAM MARSH RICE UNIVERSITY
(32) Priority Date	:08/03/2010	Address of Applicant :6100 Main Street Houston TX 77005
(33) Name of priority country	:U.S.A.	United States of America U.S.A.
(86) International Application No	:PCT/US2011/027556	(72)Name of Inventor :
Filing Date	:08/03/2011	1)TOUR James M.
(87) International Publication No	:WO 2011/112589	2)ZHU Yu
(61) Patent of Addition to Application Number	:NA :NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : TRANSPARENT ELECTRODES BASED ON GRAPHENE AND GRID HYBRID STRUCTURES •

(57) Abstract :

In some embodiments the present invention provides transparent electrodes that comprise: (1) a grid structure; and (2) a graphene film associated with the grid structure. In additional embodiments the transparent electrodes of the present invention further comprise a substrate such as glass. Additional embodiments of the present invention pertain to methods of making the above-described transparent electrodes. Such methods generally comprise: (1) providing a grid structure; (2) providing a graphene film; and (3) associating the graphene film with the grid structure. In further embodiments the methods of the present invention also comprise associating the transparent electrode with a substrate.

No. of Pages : 46 No. of Claims : 38

(22) Date of filing of Application :09/10/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : POWER CONVERTER		
 (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 	:G05F1/70,H02J3/26 :2010091896 :13/04/2010 :Japan	 (71)Name of Applicant : HITACHI LTD. Address of Applicant :6 6 Marunouchi 1 chome Chiyoda ku Tokyo 1008280 Japan (72)Name of Inventor : INOUE Shigenori KATOH Shuji

(57) Abstract :

A circuit system and a con trol method for a three-phase power con- verter consisting of three clusters, each com prising one or a plurality 0 1 single cells con 108 nected in a series, are provided so that the three-phase power converter outputs a nega tive-phase sequence current. A power converter obtained by connecting a power sup ply system t o a delta-connected cascade multilevel converter (CMC) comprising delta-connected bodies obtained by serially connecting a reactor with a cluster, wmch is one or a plurality o f single cells connected in series. The power converter simultane ously outputs an in-phase reactive current and a negative-phase sequence current, wmch roughly offsets an in-phase reactive current and a negative-phase sequence cur rent caused b y other unbalanced loads con nected to the power system.

No. of Pages : 51 No. of Claims : 7

(19) INDIA

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

(43) Publication Date : 22/01/2016

(51) International classification	:E06B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)FYFE EUROPE S.A.
(32) Priority Date	:NA	Address of Applicant :51 Ithakis & Kordeliou Str 16561
(33) Name of priority country	:NA	Glyfada Athens Greece
(86) International Application No	:PCT/US2010/000864	(72)Name of Inventor :
Filing Date	:24/03/2010	1)EDWARD R. FYEE
(87) International Publication No	:WO 2011/119130	2)MICHAEL KARANTZIKIS
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : SYSTEM FOR REINFORCING STRUCTURE USING SITE-CUSTOMIZED MATERIALS •

(57) Abstract :

System and method for reinforcing structures includes basalt textile (20) connected to surfaces of the structure (100) with fiber anchors (30). Textile spreads forces and increases ductility of structure. Textile may connect multiple structural elements together, including walls, floors, columns, beams, and roofs. Textile is covered with mortar (50) customized to match 03 color and texture of structure by use of locally obtained grit, aggregate, or colorant. Basalt fiber textile is preferred to avoid degra- dation of textile fkom alkaline components of mortar (50).

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

(19) INDIA

(22) Date of filing of Application :09/10/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : HIGH EFFICIENCY AMMOXIDATION PROCESS AND MIXED METAL OXIDE CATALYSTS (51) International classification :C07C (71)Name of Applicant : (31) Priority Document No 1)INEOS USA LLC :12/661,716 (32) Priority Date Address of Applicant :3030 Warrenville Road Suite 650 :23/03/2010 (33) Name of priority country Lisle IL 60532 U.S.A. :U.S.A. (86) International Application No :PCT/US2011/000499 (72)Name of Inventor : Filing Date :18/03/2011 1)BRAZDIL James F. (87) International Publication No :WO 2011/119203 2)TOFT Mark A. 3)BESECKER Charles J. (61) Patent of Addition to Application :NA Number 4)SEELY Michael J. :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A process and novel catalyst for the production of acrylonitrile acetonitrile and hydrogen cyanide characterized by the relative yields of acrylonitrile acetonitrile and hydrogen cyanide produced in the process and by the catalyst which are defined by the following: $a = [(\%AN + (3 \%HCN) + (1.5 \%ACN)) \cdot \%PC]$ 100 wherein: %AN is the Acrylonitrile Yield and %AN = 81 %HCN is the Hydrogen Cyanide Yield %ACN is the Acetonitrile Yield %PC is the Propylene Conversion and a is greater than 100.

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

(19) INDIA

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

(43) Publication Date : 22/01/2016

(54) Title of the invention : MOBILE PHONE PAYMENT PROCESSING METHODS AND 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 	:G06Q20/00,G06K9/18 :61/322477 :09/04/2010 :U.S.A. :PCT/US2011/031696 :08/04/2011 :WO 2011/127354 :NA :NA	 (71)Name of Applicant : 1)PAYDIANT INC. Address of Applicant :40 Walnut Street Suite 400 Wellesley MA 02481 U.S.A. (72)Name of Inventor : 1)LARACEY Kevin
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Embodiments provide systems methods processes computer program code and means for using mobile devices to conduct payment transactions at merchant locations including brick and mortar locations and remote locations as well as for person to person transactions.

No. of Pages : 90 No. of Claims : 63

(19) INDIA

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

(43) Publication Date : 22/01/2016

(54) Title of the invention : WEARABLE AUTOMATIC INJECTION DEVICE FOR CONTROLLED DELIVERY OF THERAPEUTIC AGENTS

 (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 	:A61M37/00,A61M5/20 :61/326637 :21/04/2010	 (71)Name of Applicant : 1)ABBOTT BIOTECHNOLOGY LTD. Address of Applicant :Clarendon House 2 Church Street Hamilton HM 11 Bermuda (72)Name of Inventor : 1)ANDERSON Philip D. 2)JULIAN Joseph F. 3)LAURUSONIS Linas P. 4)PARMER Timothy 5)YOCH Travis 6)JANG Samuel M. 7)CORRIGAN Sean 8)MATUSAITIS Tomas 9)FIENUP William 10)STRAHM Chris
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(57) Abstract :

Exemplary embodiments provide wearable automatic injection devices for subcutaneously injecting a therapeutic agent into a patient s body at controlled rates for example in a single bolus. Exemplary embodiments provide methods for assembling wearable automatic injection devices for subcutaneously injecting a therapeutic agent into a patient s body at controlled rates. Exemplary embodiments provide methods for using wearable automatic injection devices for subcutaneously injecting a therapeutic agent into a patient s body at controlled rates.

No. of Pages : 210 No. of Claims : 78

(12) PATENT APPLICATION PUBLICATION	(21) Application No.7677/DELNP/2015 A
(19) INDIA	
(22) Date of filing of Application :27/08/2015	(43) Publication Date : 22/01/2016
(54) Title of the invention : DIRECTIONAL BACKLIGHT	

(51) International classification(31) Priority Document No(32) Priority Date	:F21S2/00,F21V8/00,G02F1/1335 :61/768371 :22/02/2013	 (71)Name of Applicant : 1)REALD INC. Address of Applicant :100 North Crescent Drive Suite 200
(33) Name of priority country	:U.S.A.	Beverly Hills California 90210 U.S.A.
 (86) International Application No Filing Date (87) International Publication 	:PCT/US2014/017779 :21/02/2014	(72)Name of Inventor :1)ROBINSON Michael G.2)WOODGATE Graham J.
No	:WO 2014/130860	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A directional display may include a waveguide. The waveguide may include light extraction features arranged to direct light from an array of light sources by total internal reflection to an array of viewing windows and a reflector arranged to direct light from the waveguide by transmission through extraction features of the waveguide to the same array of viewing windows. The brightness of the directional display can be increased. An efficient and bright autostereoscopic display system can be achieved.

No. of Pages : 140 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :27/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : ORAL CARE COMPOSITIONS CONTAINING POLYORGANOSILSESQUIOXANE PARTICLES

(51) International classification (21) Priority Decument No.	:A61Q11/00,A61K8/891,A61K8/02 :61/810416	 (71)Name of Applicant : 1)THE PROCTER & GAMBLE COMPANY Address of Applicant :One Procter & Gamble Plaza Cincinnati
(31) Priority Document No(32) Priority Date	:10/04/2013	Ohio 45202 U.S.A.
(33) Name of priority country		(72)Name of Inventor :
 (86) International Application No Filing Date (87) International Publication 	:PC1/US2014/033573 :10/04/2014	1)MIDHA Sanjeev 2)LEBLANC Michael Jude 3)SCHNEIDERMAN Eva 4)HUGHES Iain Allan
No	:WO 2014/169083	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Oral compositions containing a polyorganosilsesquioxane particle preferably polymethylsilsesquioxane particles a stannous ion source and an orally acceptable carrier. Method of using such compositions for the cleaning and polishing of dental enamel such methods including the step of applying such oral care compositions to the teeth of a user.

No. of Pages : 41 No. of Claims : 15

(19) INDIA

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

(43) Publication Date : 22/01/2016

(54) Title of the invention : DATA STRUCTURE IMAGE PROCESSING APPARATUS IMAGE PROCESSING METHOD AND PROGRAM •

 (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 		 (71)Name of Applicant : 1)SONY CORPORATION Address of Applicant :1-7-1 Konan Minato-ku Tokyo 108-0075 Japan (72)Name of Inventor : 1)SUGURU USHIKI 2)MASAMI OGATA 3)TAKAFUMI MORIFUJI
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(57) Abstract :

The present invention relates to data structures, image processing apparatuses, image processing methods, and programs for enabling appropriate processing of video data 5 of 3D content. Obtained content data of 3D content contains video data of 3D images, and information about a reference image size, which is a predetermined image size serving as the reference for the 3D images, and the maximum and minimum parallaxes for 10 the reference image size. An image size detecting unit (71) detects the image size of the video data of the 3D images. If the detected image size of the 3D video data is not the same as the reference image size, a maximum/minimum parallax calculating unit (72) calculates the maximum and minimum 15 parallaxes corresponding to the image size of the 3D video data. A caption adjusting unit (73) performs predetermined image processing based on the calculated maximum and minimum parallaxes, such as processing to adjust the depth positions of captions. The present invention can be applied to an image 20 processing apparatus that processes obtained image data of 3D images, for example.

No. of Pages : 43 No. of Claims : 9

(19) INDIA

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

(54) Title of the invention : BICYCLIC PYRIMIDINYL PYRAZOLES •

 (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 	:C07C :61/321,704 :07/04/2010 :U.S.A. :PCT/EP2011/055153 :04/04/2011 :WO 2011/124539 :NA :NA :NA :NA	 (71)Name of Applicant : 1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant :Alfred-Nobel-Strasse 10 40789 Monheim Germany (72)Name of Inventor : 1)AMOS MATTES 2)HENDRIK HELMKE 3)STEFAN HILLEBRAND 4)GORKA PERIS 5)ALEXANDER SUDAU 6)LARS RODEFELD 7)STEFAN GAUGER 8)JRGEN BENTING 9)PETER DAHMEN 10)RUTH MEISSNER 11)ULRIKE WACHENDORFF-NEUMANN 12)HIROYUKI HADANO
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(57) Abstract :

Bicyclic pyridinylpyrazoles of the formula (I) (I) in which the symbols have the meanings given in the description and agrochemically active salts 5 thereof and their use for controlling unwanted microorganisms in crop protection and the protection of materials and for reducing mycotoxins in plants and plant parts, and also processes for preparing compounds of the formula (I).

No. of Pages : 139 No. of Claims : 10

(19) INDIA

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

(54) Title of the invention : HIGHLY PRODUCTIVE ISOPROPYL ALCOHOL-PRODUCING BACTERIUM •

		(71)Name of Applicant : 1)MITSUI CHEMICALS INC.
(51) International classification	:C12P	Address of Applicant :5-2 Higashi-Shimbashi 1-chome
(31) Priority Document No	:2010-052249	Minato-ku Tokyo 105-7117 Japan
(32) Priority Date	:09/03/2010	(72)Name of Inventor :
(33) Name of priority country	:Japan	1)YOSHIKO MATSUMOTO
(86) International Application No	:PCT/JP2011/055142	2)JUNICHIRO HIRANO
Filing Date	:04/03/2011	3)TAKASHI MORISHIGE
(87) International Publication No	:WO 2011/111638	4)TOMOKAZU SHIRAI
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	5)HITOSHI TAKAHASHI 6)KOH AMANO 7)NOZOMI TAKEBAYASHI 8)MITSUFUMI WADA 9)HIBOSHI SHIMIZU
Filing Date	.NA	9)HIROSHI SHIMIZU 10)CHIKARA FURUSAWA 11)TAKASHI HIRASAWA

(57) Abstract :

An isopropyi alcohol-producing E.clierichiuc oli equipped wit11 an isopropyl alcohol production system, having at least one erhanced enzyme activity selected from the group consisting of an enhanced malate dehydrogenase activity, an enhanced NAD(P) translydrogenase(AB-specific) activity, and an enhanced thiolase activity, and an isopropyl alcohol. producing method inclldingp roducing isopropyl alcohol from a plant.-derived raw inaterial using the isopropyl alcohol-producing Escherichia coli.

No. of Pages : 45 No. of Claims : 12

(19) INDIA

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

(43) Publication Date : 22/01/2016

(54) Title of the invention : COATING COMPOSITIONS FOR PACKAGING ARTICLES AND METHODS OF COATING •

 (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 	:C07C :61/324,997 :16/04/2010 :U.S.A. :PCT/US2011/032738 :15/04/2011 :WO 2011/130671 :NA :NA :NA :NA	 (71)Name of Applicant : 1)VALSPAR SOURCING INC. Address of Applicant :P.O. Box 1461 Minneapolis Minnesota 55440-1461 U.S.A. (72)Name of Inventor : 1)RICHARD H. EVANS 2)JEFFREY NIEDERST 3)ROBERT M. OBRIEN 4)BENOIT PROUVOST 5)KEVIN ROMAGNOLI 6)GRANT SCHUTTE 7)PAUL STENSON 8)TOM VAN KUREN
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(57) Abstract :

This invention provides a polymer that is useful in a variety of applications, including as a binder polymer of a O coating composition, and especially a packaging coating composition. Packaging articles (eg., containers) comprising the polymer 3 and methods of making such packaging articles are also provided.

No. of Pages : 54 No. of Claims : 25

(19) INDIA

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

(43) Publication Date : 22/01/2016

(54) Title of the invention : POLYMERIC MEMBRANES WITH HUMAN SKIN LIKE PERMEABILITY PROPERTIES AND USES 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 	:C08F :61/341,855 :05/04/2010 :U.S.A. :PCT/US2011/031094 :04/04/2011 :WO 2011/126980 :NA :NA :NA :NA	 (71)Name of Applicant : 1)EMD MILLIPORE CORPORATION Address of Applicant :290 Concord Road Billerica Massachusetts 01821 U.S.A. (72)Name of Inventor : 1)ELENA CHERNOKALSKAYA 2)VIVEK JOSHI 3)MARK KAVONIAN 4)DAVE BREWSTER
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(57) Abstract :

The present invention provides synthetic membranes Which are suitable as a human skin substitute for the investi- O gation of transdermal, diffusion of candidate pharmaceutical and cosmetic compounds. The membranes according to the present invention exhibit.human skin-like permeability properties with respect to the diffusion of a wide range of compounds having widely different physico-chemical properties.

No. of Pages : 41 No. of Claims : 15

(19) INDIA

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

(43) Publication Date : 22/01/2016

(54) Title of the invention : PROCESSES FOR PRODUCING MONOAMMONIUM SUCCINATE FROM FERMENTATION BROTHS CONTAINING DIAMMONIUM SUCCINATE MONOAMMONIUM SUCCINATE AND/OR SUCCINIC ACID AND CONVERSION OF MONOAMMONIUM SUCCINATE TO SUCCINIC ACID •

(51) International classification(31) Priority Document No(32) Priority Date	:C07C :61/317,799 :26/03/2010	 (71)Name of Applicant : 1)BIOAMBER S.A.S Address of Applicant :Route De Pomacle F-51110 Bazancourt
(33) Name of priority country	:U.S.A.	France France
(86) International Application No	:PCT/US2011/028990	(72)Name of Inventor :
Filing Date	:18/03/2011	1)FRUCHEY Olan S.
(87) International Publication No	:WO 2011/19427	2)KEEN Brian T.
(61) Patent of Addition to Application	:NA	3)ALBIN Brooke A.
Number	:NA	4)CLINTON Nye A.
Filing Date	.117	5)DUNUWILA Dilum
(62) Divisional to Application Number	:NA	6)DOMBEK Bernard D.
Filing Date	:NA	

(57) Abstract :

Processes for making monoammonium succinate (MAS) and/or succinic acid (SA) from either a clarified diammonium succinate (DAS)-containing fermentation broth or a clarified MAS-containing fermentation broth include (a) distilling the broth to form an overhead that includes water and optionally ammonia and a liquid bottoms that includes MAS or SA; (b) cooling and/or evaporating the bottoms and optionally adding an antisolvent to the bottoms to attain a temperature and composition sufficient to cause the bottoms to produce a solid portion that contains MAS or SA in contact with a liquid portion; (c) separating the solid portion from the liquid portion; and (d) recovering the solid portion.

No. of Pages : 45 No. of Claims : 40

(19) INDIA

(22) Date of filing of Application :28/09/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : PROCESS FOR PRODUCING A HYDROCHLORIDE OF A LINEAR OR CYCLIC ALIPHATIC AMINE •

 (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 	:2005-213148 :22/07/2005	 (71)Name of Applicant : 1)MITSUI CHEMICALS INC. Address of Applicant :5-2 Higashi-Shimbashi 1-chome Minato-ku Tokyo 105-7117 Japan (72)Name of Inventor : 1)CHITOSHI SHIMAKAWA 2)HIROYUKI MORI JIRI 3)HIDETOSHI HAYASHI 4)NORIHIKO FUKATSU 5)SEIICHI KOBAYASHI 6)HOMARE YUMOTO 7)JUNICHI ISHIYAMA 8)SHINYA TSUCHIYAMA
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(57) Abstract :

A process for producing a hydrochloride of a linear or cyclic aliphatic amine, which comprises reacting a linear or cyclic aliphatic amine with hydrogen chloride under a pressure between 0.01 MPa to 0.1 MPa higher than the atmospheric pressure.

No. of Pages : 52 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :08/10/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : SUPPORT FR	AME FOR RACKS •	
 (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 	:B41J :20 2010 004 600.9 :07/04/2010 :Germany	 (71)Name of Applicant : 1)TEGOMETALL INTERNATIONAL AG Address of Applicant :Industriestrasse CH-8574 Lengwil Switzerland (72)Name of Inventor : 1)ULRICH BOHNACKER

(57) Abstract :

A support frame to be laid on a pair of cross-members (16) of a shelf has at least two U-profile bars (12) and a plurality of C-profile bars (11) extending trans- verse thereto and having flanges (14) connected to the centre webs of the U-profile bars (12). The space between the U-profile bars (12) of the support frame is so dimensioned that they just fit between the two cross-members (16) of the storage shelf. The centre webs of the C-profile bars (11) are perforated; wherein at least some of the holes (17) have rims (1) protruding from the surface of the C-profile bars (11) facing away from the U-profile bars (12).

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

(21) Application No.8709/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :08/10/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : NEW MAGE	NTA QUINACRIDONE	PIGMENTS
 (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 	:C07C :10003801.7 :09/04/2010 :EPO :PCT/EP2011/001457 :23/03/2011 :WO 2011/124327 :NA :NA :NA :NA	 (71)Name of Applicant : 1)CLARIANT FINANCE (BVI) LIMITED Address of Applicant :Citco Building Wickhams Cay P.O. Box 662 Road Town Tortola British Virgin Islands U.K. (72)Name of Inventor : 1)GEMMA SOLDUGA RAMIREZ 2)JANINA OHNSMANN 3)CARSTEN PLUEG

(57) Abstract :

The invention relates to single phase solid solutions containing 65 to 98 wt.-% unsubstituted quinacridone, 1 to 34 O wt.-% 2,9-dimethylquinacridone and 1 to 10 wt.-% 2,9-dichloroquinacridone, relative to the total weight of the single phase solid \$ solution.

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

(19) INDIA

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

(43) Publication Date : 22/01/2016

(51) International classification(31) Priority Document No(22) Distance Decision	:H04N :2010901354	(71)Name of Applicant : 1)ANDREW LLC
(32) Priority Date(33) Name of priority country	:31/03/2010 :Australia	Address of Applicant :1100 CommScope Place SE Hickory North Carolina 28602 U.S.A.
(86) International Application No	:PCT/AU2011/000365	(72)Name of Inventor :
Filing Date	:30/03/2011	1)JONES Bevan Beresford
(87) International Publication No	:WO 2011/120090	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : OMNI-DIRECTIONAL MULTIPLE-INPUT MULTIPLE-OUTPUT ANTENNA SYSTEM

(57) Abstract :

Disclosed is an antenna system having an approximately omni-directional radiation pattern. The antenna system comprises an antenna comprising a plurality of columns disposed in parallel with equal spacing in a circular configuration. Each column comprises an elongated ground plane; an outwards- facing array comprising a plurality of antenna elements mounted on the ground plane iri a linear configuration parallel to the longitudinal edges of the ground plane, each antenna element comprises two feeds configured to produce orthogonally polarised radiation; a first input connected to the feeds configured for a first polarisation; and a second input connected to the feeds configured for a second, polarisation. The antenna system further comprises a feeding network comprising a first circuit network and a second circuit network. The first inputs of the columns are connected to respective outputs of the first circuit network, and the second inputs of the columns are connected to respective outputs of the second circuit network. Each circuit network is adapted to impart a phase shift to each of two inputs to the circuit network that increments between the outputs of the circuit network by a multiple of 360° divided by the number of columns.

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

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

(43) Publication Date : 22/01/2016

 (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 	:61/312,005 :09/03/2010 :U.S.A.	 (71)Name of Applicant : 1)ALLISON TRANSMISSION INC. Address of Applicant :4700 West 10th Street Indianapolis IN 46222 U.S.A. (72)Name of Inventor : 1)FAUCETT Bruce 2)COMBS Robert F. 3)JOHNSON Leroy K.
(62) Divisional to Application Number Filing Date	:NA ·NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : INTEGRATED TRANSMISSION AND AUXILIARY GEARBOX CONTROL

(57) Abstract :

A powertrain of a vehicle has a drive unit a transmission and an auxiliary gearbox. Operation of the transmission and the auxiliary gearbox is controlled by a transmission control unit. The transmission control unit controls shifting of the auxiliary gearbox and the transmission while the vehicle is in operation. The auxiliary gearbox may be electronically shifted independently of activity of the vehicle operator.

No. of Pages : 26 No. of Claims : 20

(21) Application No.8699/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/10/2012

(43) Publication Date : 22/01/2016

(51) International classification	:A47J	(71)Name of Applicant :
(31) Priority Document No	:61/311,900	1)PERCEPTIMED INC.
(32) Priority Date	:09/03/2010	Address of Applicant :3721 Ortega Court Palo Alto CA
(33) Name of priority country	:U.S.A.	94303 United States of America U.S.A.
(86) International Application No	:PCT/US2011/027586	(72)Name of Inventor :
Filing Date	:08/03/2011	1)JACOBS Alan Jeffrey
(87) International Publication No	:WO 2011/112606	2)GERSHTEIN Eugene
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(54) Title of the invention : MEDICATION VERIFICATION AND DISPENSING

(57) Abstract :

Medication errors happen frequently in hospital home and pharmacy environments. A medication verification and dispensing system provides protection against such errors. The apparatus includes a guide tube that receives a medication and imaging device(s) adjacent to the guide tube that take image(s) of the medication. The imaging devices(s) and light source(s) are oriented for capturing images that reveal markings color size shape etc. of the medication. A verification system uses a signature of the image to identify the medication or compares the image(s) to reference images to identify the medication and to a prescription record of the patient to ensure it is a correct medication dose amount timing etc. for administration. If the medication is correct it is dispensed into a dispensing vessel that locks the medication inside but unlocks when it recognizes a unique patient identifier worn by a patient that is a correct recipient for the medication.

No. of Pages : 45 No. of Claims : 54

(19) INDIA

(22) Date of filing of Application :08/10/2012

(43) Publication Date : 22/01/2016

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:61/322,052	1)PHILLIPS 66 COMPANY
(32) Priority Date	:08/04/2010	Address of Applicant :Intellectual Property - Legal P.O. Box
(33) Name of priority country	:U.S.A.	4428 Houston Texas 77210 U.S.A.
(86) International Application No	:PCT/US2011/031766	(72)Name of Inventor :
Filing Date	:08/04/2011	1)ZHENHUA MAO
(87) International Publication No	:WO 2011/127396	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : METHODS OF PREPARING CARBONACEOUS MATERIAL

(57) Abstract :

Methods and apparatus relate to methods of making carbonaceous material or coating from a precursor. Oxidation of hydrocarbons forming the precursor occurs upon adding an oxidation agent to a mixture of the precursor and a solvent for the precursor. The oxidation of the hydrocarbons yields constituents that are insoluble in the solvent and may not melt. The constituents that are insoluble in the solvent may further coat solid particles, if the solid particles are provided in the mixture. Carbonization of solids recovered by separation fkom liquids in the mixture increases carbon weight percent of the constituents that O are insoluble in the solvent. The methods result in products that provide the carbonaceous material or coating and are suitable for 3 use in electrodes.

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

(19) INDIA

(22) Date of filing of Application :08/10/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : BATTERY HANDLE AND COVER WITH PIVOT CAM FEATURE AND METHOD OF 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 	:08/04/2011 :WO 2011/127399 :NA :NA	 (71)Name of Applicant : 1)JOHNSON CONTROLS TECHNOLOGY COMPANY Address of Applicant :912 E 32nd Street Holland MI 49423 United States of America U.S.A. (72)Name of Inventor : 1)GLENN W. ANDERSEN
	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A battery is dsclosed The battery includes a battery housing containing operable battery elements. A battery cover is secured to the battery housing and has a cover recess m an outer surface A handle (48) is provided which has a crossbar inter-connecting first and second axms The handle is piv-otally attached to the battery cover m the recess The battery, handle is pivotable between a raised position relative to the battery cover and a lowered position in which the first and second arms and the crossbar are positioned within the cover recess A cam (110) is cmied by the handle and positioned to interact with a surface on the battery cover A first mating attachment element (116) is also carried by the handle and mates with a second matmg attachment element carried by the battery cover are also disclosed

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

(19) INDIA

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

(43) Publication Date : 22/01/2016

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:61/313,101	1)IMMUNE DESIGN CORP.
(32) Priority Date	:11/03/2010	Address of Applicant :Suite 700 1124 Columbia Street
(33) Name of priority country	:U.S.A.	Seattle Washington 98104 U.S.A.
(86) International Application No	:PCT/US2011/027993	(72)Name of Inventor :
Filing Date	:10/03/2011	1)CLEGG Christopher H.
(87) International Publication No	: NA	2)REED Steven G
(61) Patent of Addition to Application	:NA	3)VAN HOEVEN Neal
Number	:NA :NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : VACCINES FOR PANDEMIC INFLUENZA

(57) Abstract :

Pharmaceutical and vaccine compositions comprise recombinant hemagglutinin from a pre-pandemic or pandemic O influenza virus and an adjuvant comprising GLA. A particularly relevant pre-pandemic influenza virus is H5N1. Kits and methods CJ of using the compositions are also provided.

No. of Pages : 63 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :07/11/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : ULTRA-HIGH IV POLYESTER FOR EXTRUSION BLOW MOLDING AND METHOD FOR ITS PRODUCTION •

 (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 	:C08F :12/760,030 :14/04/2010 :U.S.A. :PCT/US2011/032300 :13/04/2011 :WO 2011/130396 :NA :NA :NA :NA	 (71)Name of Applicant : 1)DAK AMERICAS LLC Address of Applicant :5925 Carnegie Boulevard Suite 500 Charlotte NC 28209 U.S.A. (72)Name of Inventor : 1)HELEN J. CODD 2)GEORGE F ROLLEND 3)NORMAN W LISSON
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(57) Abstract :

An ultra-high IV polyester suitable for high melt strength end-uses, such as injection blow molding, pipe extrusion, profile extrusion, and extrusion blow molding, is provided, having IV of greater than 0.9; and a process for its production having high IV lift rate during SSP processing.

No. of Pages : 39 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :07/11/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : PRODUCTION METHOD FOR ARAMID PREPREG FOR FIBRE REINFORCED COMPOSITE MATERIAL

 (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 	:14/12/2011 :WO 2012/148063 :NA	 (71)Name of Applicant : 1)BAEKILL CORP. Address of Applicant :256 50 Beopgot dong Ilsanseo gu Goyang si Gyeonggi do 411 420 Republic of Korea (72)Name of Inventor : 1)KIM Dong Myoung 2)RA Yong Won 3)JANG Seong Kyu
Application Number Filing Date	:NA :NA	SJANG Stong Kyu
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This invention relates to a manufacturing method of aramid prepreg for fiber-reinforced composite materials. To be specific, this invention is concerned with a manufacturing method of aramid prepreg that can be used for manufacturing rubber composite materials that are ideal under extremely high-temperature, high-pressure conditions, while enabling seamless processing and automated processes overall by means of immersing the aramid fabric in an aqueous silane-family coupling agent, curing the fabric by squeezing it using a mangle roller, and compressing silicon rubber on one side or both sides of the fabric.

No. of Pages : 11 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :07/11/2012

(43) Publication Date : 22/01/2016

(51) International classification	:B60H1/32,B60H1/22	(71)Name of Applicant :
(31) Priority Document No	:2010123858	1)SUZUKI MOTOR CORPORATION
(32) Priority Date	:31/05/2010	Address of Applicant :300 Takatsuka cho Minami ku
(33) Name of priority country	:Japan	Hamamatsu shi Shizuoka 4328611 Japan
(86) International Application No	:PCT/JP2011/059632	(72)Name of Inventor :
Filing Date	:19/04/2011	1)HASHIGAYA Hideki
(87) International Publication No	:WO 2011/152139	2)ITO Isamu
(61) Patent of Addition to Application	.NT 4	3)KONDO Yorisada
Number	:NA	4)FUTSUHARA Yuki
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : VEHICLE AIR-CONDITIONING DEVICE

(57) Abstract :

An air conditioner (1) for a vehicle equipped with a motor for driving the vehicle includes: a vehicle speed detecting unit (19) which detects a speed of the vehicle; an electric compressor (20) and an evaporator (7) which are used for cooling an interior of the vehicle; an electric compressor rotation speed controlling unit (21) which controls a rotation speed of the electric compressor (20); a controlling unit (22) which sets an upper limit value of the rotation speed of the electric compressor (20) controlled by the electric compressor rotation speed; and a refrigerant pressure detecting unit (24) which detects a pressure of a refrigerant flowing in a pipe connecting the electric compressor (20) and the evaporator (7), wherein the controlling unit (22) calculates a first candidate for the rotation speed upper limit value of the rotation speed on the vehicle speed detected by the vehicle speed detecting unit (19), calculates a second candidate for the rotation speed upper limit value of the refrigerant pressure detecting upper limit value of the refrigerant pressure detecting upper limit value of the rotation speed upper limit value of the refrigerant pressure detecting upper limit value of the refrigerant pressure detecting upper limit value of the refrigerant pr

No. of Pages : 30 No. of Claims : 1

(22) Date of filing of Application :28/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHODS OF MANUFACTURE AND SYNTHESIS OF AMINO ACID LINKING GROUPS CONJUGATED TO COMPOUNDS USED FOR TARGETED IMAGING OF TUMORS

 (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 	:A61K49/00 :61/791921 :15/03/2013 :U.S.A. :PCT/US2013/063593 :04/10/2013 :WO 2014/149073 :NA :NA	 (71)Name of Applicant : 1)ON TARGET LABORATORIES LLC Address of Applicant :1281 Win Hentschel Blvd West Lafayette IN 47906 U.S.A. (72)Name of Inventor : 1)KULARATNE Sumith A. 2)GAGARE Pravin 3)NOSHI Mohammad
Number		3)NOSHI Mohammad
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Methods of synthesis and compositions of use for compounds that are useful as near infrared fluorescence probes wherein the compounds include i) a pteroyi ligand that binds to a target receptor protein ii) a dye molecule and iii) a linker molecule that comprises an amino acid or derivative thereof.

No. of Pages : 88 No. of Claims : 31

(22) Date of filing of Application :28/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : COMPOSITIONS AND METHODS FOR TREATING COMPLICATIONS ASSOCIATED WITH DIABETES

 (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 	:C12N15/52 :61/758511 :30/01/2013 :U.S.A. :PCT/US2014/013833 :30/01/2014 :WO 2014/123749 :NA :NA :NA :NA	 (71)Name of Applicant : 1)BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA Address of Applicant :Varner Hall 3835 Holdrege Street Lincoln NE 68583 0745 U.S.A. (72)Name of Inventor : 1)BIDASEE Keshore R.
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(57) Abstract :

Compositions and methods for inhibiting diabetes related complications are provided. Several publications and patent documents are cited throughout the specification in order to describe the state of the art to which this invention pertains. Each of these citations is incorporated herein by reference as though set forth in full. Varying duration insulin delivery pumps glucose monitoring 25 devices food management and exercise strategies are available to the more than 1.3 million individuals in the USA with Type 1 diabetes (TID) to maintain their blood glucose at near physiological levels.

No. of Pages : 43 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :01/10/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : ALCOHOL RESISTANT ENTERIC PHARMACEUTICAL COMPOSITIONS

 (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 	:A61K :61/312,081 :09/03/2010 :U.S.A. :PCT/US2011/027736 :09/03/2011 :WO/2011/112709 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ALKERMES PHARMA IRELAND LIMITED Address of Applicant :Connaught House 1 Burlington Road Dublin 4 Ireland (72)Name of Inventor : 1)LIVERSIDGE Gary 2)MANSER David 3)SHAH Hardik 4)RUDDY Stephen B. 5)REKHI Gurvinder Singh
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(57) Abstract :

Pharmaceutical formulations that resist ethanol-induced dose dumping and methods of use thereof.

No. of Pages : 58 No. of Claims : 31

(22) Date of filing of Application :07/11/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : DISPERSAN	T 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 	:C07C :61/327,301 :23/04/2010 :U.S.A.	 (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)ANDREW J. SHOOTER 2)STUART N. RICHARDS
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The invention relates to a composition containing a polyepoxide with polyether lateral chains and pendant hydrocarbyl groups. The invention further relates to a composition containing a particulate solid, an organic or aqueous medium, and a polyepoxide with polyether lateral chains and pendant hydrocarbyl groups. The invention further relates to novel compounds, and the use of the polyepoxide with polyether lateral chains and pendant hydrocarbyl groups as a dispersant.

No. of Pages : 23 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :07/11/2012

(43) Publication Date : 22/01/2016

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number Filing Date (61) Patent (62) Divisional to Application Number (63) Date (64) Patent (65) Divisional to Application Number (66) Divisional to Application Number (67) Divisional to Application Number (68) Divisional to Application Number (69) Divisional to Application Number (7) Divisional to A	 (71)Name of Applicant : 1)PAVOL FIGURA Address of Applicant :Mateja Bela 4661/12 921 01 PieÅ;tany Slovakia (72)Name of Inventor : 1)PAVOL FIGURA
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(54) Title of the invention : GEAR PUMP WITH CONTINUOUS VARIABLE OUTPUT FLOW RATE •

(57) Abstract :

Gear pump with continuous variable output flow rate, comprises at least one first gear (3) is mounted on the first shaft (1), at least one second gear (4) is mounted on the second shaft (2), the first gear (3) and the second gear (4) are arranged axially movably against each other, the first gear (3) comprises the first ring (5) with flow passages (50), fitted on the first gear (3) tightly co-axially, the second gear (4) comprises the second ring (6) with flow passages (50), fitted on the second gear (4) tightly co-axially, whereas the first ring (5) is movable with the second gear (4) and the second ring (6) is movable with the first gear (3), the first gear (3) is sealed at one end by the first sealing (7) of the first gear (3) and at the other end by the second sealing (9) of the first gear (3), whereas sealings (7, 9) of the first gear (3) are arranged on the first shaft (1), the second gear (4) is sealed at one end by the first sealing (10) of the second gear (4) and at the other end by the second gear (4), whereas sealings (10, 8) of the second gear (4) are arranged on the second shaft (2).

No. of Pages : 32 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :28/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : REFRIGERATOR EQUIPPED WITH APPARATUS FOR PRODUCING CARBONATED WATER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	a :F25D25/00,A23L2/38,F25D19/00 :1020130022343 :28/02/2013 :Republic of Korea :PCT/KR2014/001431	 (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)AN Jae Koog
Filing Date (87) International Publication No	:21/02/2014 :WO 2014/133284	2)KIM Ji Hoon 3)CHOI Sang Joe
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A refrigerator is disclosed. The refrigerator includes a body a storage chamber defined in the body while having an opened front side a door to open or close the opened front side of the storage chamber a water tank to store clean water a carbonated water production module mounted to a back surface of the door the carbonated water production module including a carbon dioxide gas cylinder stored with carbon dioxide gas a carbonated water tank to produce carbonated water through mixing of the clean water with the carbon dioxide gas and a gas regulator to adjust a pressure of the carbon dioxide gas flowing from the carbon dioxide gas cylinder to the carbonated water tank and a safety device to selectively move the carbon dioxide gas cylinder toward or away from the gas regulator thereby coupling or separating the carbon dioxide gas cylinder to or from the gas regulator.

No. of Pages : 62 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :28/08/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR DETERMINING THE SEX OF AN EMBRYO IN AN EGG

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	 (71)Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :Wittelsbacherplatz 2 80333 M¼nchen Germany (72)Name of Inventor : 1)SEWIOLO Benjamin 2)ZIROFF Andreas
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for determining the sex of at least one embryo in an egg (12) in which the sex of the embryo is determined by means of at least one detection method which is noninvasive at least with regard to the egg (12) wherein at least one oestradiol value which characterizes the concentration of oestradiol in the egg (12) is determined by means of the noninvasive detection method and the sex is determined as a function of the oestradiol value.

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

(19) INDIA

(22) Date of filing of Application :08/10/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : LARGE CAPACITY METAL CATALYST CARRIER AND CATALYTIC CONVERTER USING SAME

 (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 	:PCT/KR2011/002346 :05/04/2011 :WO 2011/126256 :NA	 (71)Name of Applicant : 1)AMOGREENTECH CO. LTD. Address of Applicant :185 1 Sucham ri Tongjin eup Gimpo si Gyeonggi do 415 863 Republic of Korea (72)Name of Inventor : 1)KIM Myoung Soo 2)KO Sun Hwan 3)HUR Tae Hyun 4)KIM Tong Bok 5)YANG Sung Chul
	:NA :NA :NA :NA	

(57) Abstract :

Provided is a large-capacity metal catalyst support and a catalytic converter using the same, in which a number of unit catalyst support blocks are changed in a form of being effectively assembled so as to be applied to a catalytic converter that is required for processing a large amount of exhaust gas such as large vessels or plants employing a number ; 10 of large-scale internal combustion engines, or large food processing devices, to thus easily assemble the unit catalyst support blocks into a large-scale assembled structure. The catalyst support includes: a number of unit catalyst support blocks in which cell formation bodies formed of a number of hollow cells that are aligned in a longitudinal direction are accommodated and stacked in a polygonal supporter wherein a catalyst is coated on the 15 surfaces of the hollow cells; and a number of assembly members each for fixing a pair of adjacent supports that mutually contact between the stacked unit catalyst support blocks.

No. of Pages : 34 No. of Claims : 19

(22) Date of filing of Application :08/10/2012

(21) Application No.8715/DELNP/2012 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : NOVEL COM	BINATION AND USE	
 (54) File of the invention . NOVEL CON (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 	:C07C :1005318.9 :30/03/2010 :U.K.	 (71)Name of Applicant : 1)HELPERBY THERAPEUTICS LIMITED Address of Applicant :25 Manchester Square London W1U 3PY U.K. (72)Name of Inventor : 1)YANMIN HU 2)ANTHONY M.R. COATES

(57) Abstract :

The present invention relates to the use of an anesthetic agent for killing clinically latent microorganisms associated with microbial infections and to novel combinations comprising an anesthetic agent and an antimicrobial agent for the treatment of microbial infections.

No. of Pages : 66 No. of Claims : 18

(22) Date of filing of Application :07/11/2012

(43) Publication Date : 22/01/2016

 (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 	:H04N :10275041.1 :16/04/2010 :EPO :PCT/EP2011/056178 :18/04/2011 :WO 2011/128460 :NA :NA :NA	 (71)Name of Applicant : ASTRIUM LIMITED Address of Applicant :Gunnels Wood Road Stevenage Hertfordshire SG1 2AS U.K. (72)Name of Inventor : MARK ANTHONY KUNES

(57) Abstract :

A multi-band filter comprising: at least one input manifold; 5 at least one output manifold; and a plurality of filters connected in parallel between said input manifold(s) and said output manifold(s), wherein the plurality of filters are single filters, and each filter is directly coupled between a said input manifold and a said output manifold;

No. of Pages : 24 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :07/11/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : INHIBITORS OF ARGINASE AND THEIR THERAPEUTIC APPLICATIONS •

 (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 	:A61K :61/326,892 :22/04/2010 :U.S.A. :PCT/US2011/033223 :20/04/2011 :WO 2011/133653 :NA :NA :NA :NA	 (71)Name of Applicant : 1)MARS INCORPORATED Address of Applicant :6885 Elm Street McLean Virginia 22101 U.S.A. (72)Name of Inventor : 1)MICHAEL VAN ZANDT 2)ADAM GOLEBIOWSKI 3)MIN KOO JI 4)DARREN WHITEHOUSE 5)TODD RYDER 6)PAUL BECKETT
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(57) Abstract :

Compounds according to Formula I and Formula I1 are potent inhibitors of Arginase I and I1 activity : Formule (I), 0 (11) where R1, R2, R3, R4, R5, R6, R7, Rs, R9, D, M, X, and Y are defined as set forth in the specification. The invention also pro- vides pharmaceutical compositions of the compounds and methods of their use for treating or preventing a disease or a condition 0 associated with arginase activity.

No. of Pages : 357 No. of Claims : 87

(22) Date of filing of Application :03/10/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : HIGH-STRENGTH HOT-DIP GALVANIZED STEEL SHEET WITH EXCELLENT FORMABILITY AND PROCESS FOR PRODUCING SAME •

(57) Abstract :

High strength hot dipped galvanized steel sheet with little fluctuation in material quality at the time of production and excellent in shapeability is provided. By controlling the amount of addition of Ti instead of the addition of Nb or B, it is possible to obtain an effect of retarding recrystallization and grain growth even if annealing by a continuous annealing process in a temperature range of the general annealing temperature of 720°C to a temperature of the lower of 800°C or Ac3 temperature (easy annealing temperature region). Further, by controlling the rolling and heat treatment conditions, it is possible to control the ferrite phase rate, grain size of the low temperature transformed phases, ratio of average values of the nano hardnesses of the ferrite phase and low temperature transformed phases and obtain high strength hot dipped galvanized steel sheet which has little fluctuation in material quality and is excellent in shapeability.

No. of Pages : 55 No. of Claims : 2

(19) INDIA

(22) Date of filing of Application :08/10/2012

(43) Publication Date : 22/01/2016

 (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 	:61/322,895 :11/04/2010 :U.S.A. :PCT/US2011/031988 :11/04/2011 :WO 2011/130184 :NA :NA :NA	 (71)Name of Applicant : 1)LIFE TECHNOLOGIES CORPORATION Address of Applicant :5791 Van Allen Way Carlsbad CA 92008 U.S.A. (72)Name of Inventor : 1)GEORGE Wallace R.
Filing Date	:NA	

(54) Title of the invention : SYSTEMS AND METHODS FOR MODEL-BASED qPCR

(57) Abstract :

A method for determining a cycle threshold for a PCR amplification curve is provided. The method includes receiving a data set for a plurality of biological samples for a PCR amplification reaction. The data set includes a plurality of amplification curves each amplification curve associated with a biological sample of the plurality of biological samples. The method further includes performing a nonlinear optimization comprising a fit of each amplification curve to a complementary modeled amplification curve to determine a best-fit set of parameters for a modeled efficiency curve and associated amplification curve. The modeled amplification curve is based on a modeled efficiency curve. The method includes determining a cycle threshold value for each biological sample based on a complementary relationship of the modeled efficiency curve to the modeled amplification curve. In an embodiment the nonlinear optimization is a constrained nonlinear optimization.

No. of Pages : 38 No. of Claims : 29

(19) INDIA

(22) Date of filing of Application :07/11/2012

(43) Publication Date : 22/01/2016

(51) International classification	:A61B5/055	(71)Name of Applicant :
(31) Priority Document No	:61/345259	1)DUKE UNIVERSITY
(32) Priority Date	:17/05/2010	Address of Applicant :2812 ERWIN ROAD, SUITE 306,
(33) Name of priority country	:U.S.A.	DURHAM, NC 27705, UNITED STATES. U.S.A.
(86) International Application No	:PCT/US2011/036811	(72)Name of Inventor :
Filing Date	:17/05/2011	1)CHILKOTI Ashutosh
(87) International Publication No	:WO 2011/146486	2)HUCKNALL Angus
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed are devices and methods for detecting analytes from a sample.

(54) Title of the invention : DETECTION DEVICES AND RELATED METHODS OF USE

No. of Pages : 48 No. of Claims : 36

(19) INDIA

(22) Date of filing of Application :07/11/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD OF DEVELOPING FLIGHT INFRASTRUCTURE IN CONJUNCTION WITH A SALE OF AN AIRCRAFT

(51) International classification	:G06F17/50	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BELL HELICOPTER TEXTRON INC.
(32) Priority Date	:NA	Address of Applicant : P.O.Box 482 Fort Worth TX 76101
(33) Name of priority country	:NA	U.S.A.
(86) International Application No	:PCT/US2010/034566	(72)Name of Inventor :
Filing Date	:12/05/2010	1)FULTON William W.
(87) International Publication No	:WO 2011/142751	2)LAPPOS Nicholas D.
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		l

(57) Abstract :

A method for providing WAAS infrastructure in conjunction with the sale of a WAAS enabled aircraft includes developing a sales package for a customer. The price of the sales package preferably includes a WAAS enabled aircraft and a WAAS infrastructure. The method further includes assembling a WAAS enabled aircraft and developing the WAAS infrastructure using a computer. The method also includes providing the customer with the WAAS enabled aircraft and the WAAS infrastructure.

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

(21) Application No.2332/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :18/07/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : A MATERIAL CONVEYOR BELT RUPTURE OR SPILLAGE DETECTION SYSTEM.

(51) International classification	:B65G43/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JSW STEEL LIMITED
(32) Priority Date	:NA	Address of Applicant : JSW CENTRE, BANDRA KURLA
(33) Name of priority country	:NA	COMPLEX, BANDRA(EAST), MUMBAI-400051
(86) International Application No	:NA	MAHARASHTRA,INDIA. Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)KHARE, Apurwa
(61) Patent of Addition to Application Number	:NA	2)SWAMY, Gonur Manjunatha
Filing Date	:NA	3)BEPARI, Nijamuddin Ismal
(62) Divisional to Application Number	:NA	4)RAJPUT, Narayan Singh
Filing Date	:NA	

(57) Abstract :

The present invention relates to a material conveyor belt rupture or spillage detection system involving a simple electro-mechanical system which detects and avoids the rupture/spillage of conveyor belt for carrying raw materials in steel plant. The system works simply on principle of leverage wherein when the belt rupture initiates and material on the belt starts falling through gap, the device collects the material on a collector plate and operates due to weight difference. The collector plate and a lever are welded on opposite sides of a conveyor idler mounted on stringer support, such that when the collector plate collects material from a ruptured belt, it moves down and thereby operating the lever upwards and this movement is sensed by a noncontact type inductive proximity sensor and as the lever lifts, sensor circuit breaks and command goes to stop the belt conveyor before it is snapped avoiding large scale damage of conveyor belt.

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

(19) INDIA

(22) Date of filing of Application :19/07/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : Process For The Production Of Polymer Modified Bitumen Using Nitrogen Rich Polycyclic Aromatic Hydrocarbon

(51) International classification	:C08L95/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Indian Oil Corporation Limited
(32) Priority Date	:NA	Address of Applicant :G-9, Ali Yavar Jung Road, Bandra
(33) Name of priority country	:NA	(East), Mumbai-400 051, India Maharashtra India
(86) International Application No	:PCT//	(72)Name of Inventor :
Filing Date	:01/01/1900	1)YADAV, Veena
(87) International Publication No	: NA	2)KUMAR, Dhanesh
(61) Patent of Addition to Application Number	:NA	3)RAMAN, Naduhatty Selai
Filing Date	:NA	4)GUPTA, Anurag Ateet
(62) Divisional to Application Number	:NA	5)DAS, Biswapriya
Filing Date	:NA	6)MALHOTRA, Ravinder Kumar

(57) Abstract :

PROCESS FOR THE PRODUCTION OF POLYMER MODIFIED BITUMEN USING NITROGEN RICH POLYCYCLIC AROMATIC HYDROCARBON Abstract Of The Invention The present invention relates to a polymer modified bitumen composition comprising a petroleum vacuum residue, a nitrogen rich polycyclic aromatic hydrocarbon and a functionalized polymer having enhanced softening point, good antistripping effect, enhanced elastic recovery higher performance grade and low temperature creep

stiffness effect. The present invention also relates to processes for the preparation of polymer modified bitumen composition.

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

(22) Date of filing of Application :26/02/2015

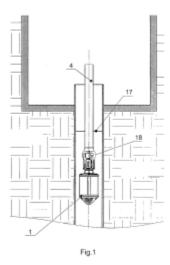
(54) Title of the invention : WATER INTAKE FILTER

(43) Publication Date : 22/01/2016

 (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 	:B01D29/11,E21B43/08 :2012132901 :01/08/2012 :Russia :PCT/RU2013/000642 :26/07/2013 :WO 2014/021740 :NA	 (71)Name of Applicant : 1)YAZYKOV Andrey Yurievich Address of Applicant :Chobotovskaya 5 ya alley 24 Moscow 119619 Russia Russia (72)Name of Inventor : 1)YAZYKOV Andrey Yurievich
	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The filter contains case (1) and removing cap (2) mechanically connected made with exit central passage (3) to supply liquid into main line (4) for pump absorption cylindrical filtering net (5) placed between case (1) and cap (2). Case (1) is made by the absorption side as a truncated perforated hollow cone (6) along whose big base periphery a non square full slot (7) for a net end (5) is made with a shot bow shaped wall (8) with two parallel rectangular slots (9) in the internal side to place longitudinal net ends (5) with uprights (10) that possess butt mounting holes for threading elements (11). Cap (3) is made as a through connecting pipe with a cylindrical reach through hole (3) and is placed around this connecting pipe flange (12) along the periphery of the latter a non square full slot (14) for another net end (5) is made with pass through holes (15) to place threading elements (screws) (11) in upright holes (10) of vase (1). Slots (7 9 14) form the continuous contour to place net ends (5) along their entire perimeter. Case (1) and cap (2) are made of plastic and net (5) is made split (rectangular and laid out) of steel. Hollow cone (6) of case (1) is made divided by webbing (16) in four sectors perforated by round holes. Uprights (10) are made together with webbing (16). This version makes the filter durable reliable and repairable.



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

(54) THE of the important DANK EVDEDT OF A SCIERCATION SYSTEM

(19) INDIA

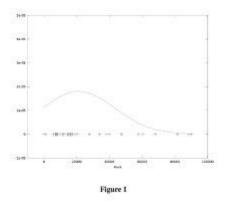
(22) Date of filing of Application :15/07/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : RANK EXPERT CLASSIFICATION SYSTEM			
 (54) Title of the invention : RANK EXPERT CLAS (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	: G06F17/30 :NA :NA	(71)Name of Applicant :	
(60) International Application No Filing Date (87) International Publication No	:NA : NA	1)VARUN AGRAWAL	
(61) Patent of Addition to Application Number	:NA		
Filing Date (62) Divisional to Application Number	:NA :NA		
Filing Date	:NA		

(57) Abstract :

The present invention describes a system and method for classifying ranks during competitive exams based on warehoused admissions data. The system is highly portable across different platforms and does not require any personal information from the user. The invention describes more efficient implementation of kNN algorithm. It makes use of K-nearest neighbor algorithm for labeling a query point. The use of the algorithm is made to operate on the backend, using only Structured Query Language (SQL). For the front-end system, all that is required from the user is his rank and optionally his preference for branch and institute which can be used to further refine the search. The back end and front end are separated using a well-defined interface and there is no change to the inherent structure of the database and the database engine. Figure 1



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

(19) INDIA

(22) Date of filing of Application :15/07/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : RETAINING RING LOCK ASSEMBLY FOR THREADED PIPE JOINT 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 	F16B41/00, :NA :NA :NA :PCT// :01/01/1900 : NA :NA :NA :NA	 (71)Name of Applicant : 1)Kothari Prima Pvt. Ltd. Address of Applicant :Plot K-45, MIDC Chincholi Solapur- 413255, Maharashtra, India Maharashtra India (72)Name of Inventor : 1)Arvind Shivlal Kothari
Filing Date	:NA :NA	

(57) Abstract :

The present invention discloses a retaining ring lock assembly for a threaded pipe joint coupling that includes a threaded pipe and a coupler. The threaded pipe includes at least one threaded portion defined along on an outer surface thereof. The threaded pipe includes at least one groove defined adjacent to said threaded portion adapted for mounting a retaining ring thereon. The threaded pipe includes a retaining ring lock nut that removably positions over said threaded pipe and rests on said retaining ring. The threaded pipe threaded pipe threadably positions within an interior of the coupler thereby having the retaining ring and the retaining lock nut positioned therein. The threaded pipe and the retaining lock nut threadably engage with respective threaded portions defined within the interior of the coupler to define a threaded connection of the retaining ring lock assembly. Ref. Fig. 3

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

(19) INDIA

(22) Date of filing of Application :24/02/2015

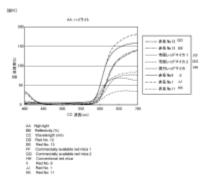
(43) Publication Date : 22/01/2016

(51) International classification	:G01J3/46	(71)Name of Applicant :
(31) Priority Document No	:2012-187715	1)MAZDA MOTOR CORPORATION
(32) Priority Date	:28/08/2012	Address of Applicant :3 1 Shinchi Fuchu cho Aki gun
(33) Name of priority country	:Japan	Hiroshima 7308670, JAPAN Japan
(86) International Application No	:PCT/JP2013/001565	(72)Name of Inventor :
Filing Date	:11/03/2013	1)NAKANO Sakura
(87) International Publication No	:WO 2014/033974	2)KUBOTA Hiroshi
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : LAMINATED COATING FILM AND COATED ARTICLE

(57) Abstract :

The purpose of the present invention is to increase the color saturation in high light and further increase a dense feeling in a laminated coating film (2) which can develop a specific color by the cooperative action of a metallic base layer (4) and a color clear layer (5) contained therein. For achieving the purpose the laminated coating film is so adapted as to fulfill formula (1) wherein R represents the high light reflectivity of the specific color and R represents the average high light reflectivity in a wavelength region outside of the hue range of the specific color: (1) (R/R) > 60.



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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :02/03/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND DEVICE FOR TRANSMITTING CHANNEL STATE INFORMATION IN WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04W24/10,H04B7/26,H04B7/04		(71)Name of Applicant :
(31) Priority Document No	:61/691,767	1)LG ELECTRONICS INC.
(32) Priority Date	:21/08/2012	Address of Applicant :20 Yeouido dong Yeongdeungpo gu
(33) Name of priority country	:U.S.A.	Seoul 150 721, Republic of Korea. Republic of Korea
(86) International Application	:PCT/KR2013/007454	(72)Name of Inventor :
No	:20/08/2013	1)KIM Hyungtae
Filing Date	.20/08/2013	2)PARK Jonghyun
(87) International Publication	:WO 2014/030904	3)KIM Kijun
No		4)KIM Eunsun
(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 a wireless communication system. A method for transmitting channel state information (CSI) by a user equipment (UE) in a wireless communication system according to one embodiment of the present invention can comprise the steps of: receiving a CSI reference signal (CSI RS); determining an overhead of a common reference signal (CRS) resource element on the basis of the number of antenna ports which is the same number of antenna ports associated with the CSI RS; and transmitting the CSI calculated on the basis of the CSI RS and the overhead of the CRS resource element.

No. of Pages : 45 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :14/07/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : TIME CONTROLLED MOSQUITO COIL :A01P17/00, (71)Name of Applicant : (51) International classification A01N25/34 1)DR. RAVINDRA S.SHETTY (31) Priority Document No Address of Applicant :S1/35, JKS SOCIETY, BANGUR :NA (32) Priority Date NAGAR, GOREGAON (WEST), MUMBAI-400104 Maharashtra :NA (33) Name of priority country India :NA (86) International Application No (72)Name of Inventor: :NA Filing Date :NA 1)DR. RAVINDRA S.SHETTY (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA

:NA

:NA

(57) Abstract :

Filing Date

The invention deals with a timer device to be placed on the conventional mosquito coil which will enable the coil to burn only till the desired length.-thereby minimizing the overexposure to the toxic fumes produced during the burning of the coil. The device essentially a metal piece in the shape of staple pins or a rectangle with open sides which can be slidably slipped into the coil and the can be moved on the coil to the desired length

No. of Pages : 17 No. of Claims : 9

(62) Divisional to Application Number

(19) INDIA

(22) Date of filing of Application :14/07/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : A PANEL HAVING MIMIC FUNCTIONALITY FOR INDICATING OPERATING CONDITION OF A PLANT

(31) Priority Document No:NAAddress of(32) Priority Date:NAKu, Tokyo, Jag(33) Name of priority country:NA(72)Name of I(86) International Application No:PCT//1)Devdatta IFiling Date:01/01/19002)Yogeshwa(87) International Publication No: NA3)Rohidas V(61) Patent of Addition to Application Number:NA4)Sunil S. B	ISHI ELECTRIC CORPORATION f Applicant :7-3 Marunouchi 2 Chome, Chiyoda- pan Japan Inventor : Hambardikar ar Bodas Vishwanath Sawant
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(57) Abstract :

A PANEL HAVING MIMIC FUNCTIONALITY FOR INDICATING OPERATING CONDITION OF A PLANT The present invention relates to a panel for indicating operating condition of a plant. In one embodiment, the panel including a housing including a first member and a second member, the second member mounted within the housing in juxtaposed relation to the first member, the first member having a plurality of opening regions including a transparent mimic film region for accommodating mimic alarm film of the plant, and the second member including a plurality of key area provided on the front face of the second member, a flat key structure positioned between the first member and the second member such that the flat key structure enacted over the transparent mimic film region of the first member, the flat key structure illuminates the corresponding operating condition of various parts/components of the plant on the transparent mimic film region using multicolour elements. Ref. Fig. 3

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(21) Application No.412/MUMNP/2015 A

(22) Date of filing of Application :25/02/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : FORMULATION FOR GRITTY FOAM DISPENSER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication N (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K8/25,A61K8/26,A61K8/31 :61/679,377 :03/08/2012 :U.S.A. :PCT/EP2013/065766 :25/07/2013 o:WO 2014/019944 :NA :NA :NA	 (71)Name of Applicant : PIBED LIMITED Address of Applicant :Denby Hall Way Denby Ripley Derbyshire DE5 8JZ, U.K. U.K. (72)Name of Inventor : GRIMADELL Louise CREAGHAN David Michael Ross HINES John D. GRASCHA Pierre Bruno
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(57) Abstract :

Disclosed herein are foamable gritty foam compositions that can suspend particulate mechanical scrubbers with particles sized from about 100 microns to about 800 microns that is capable of being foamed through a non aerosol or unpressurized pump dispenser.

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

(19) INDIA

(22) Date of filing of Application :03/03/2015

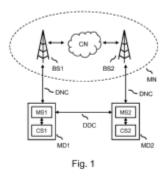
(43) Publication Date : 22/01/2016

(54) Title of the invention : ESTABLISHING A DEVICE TO DEVICE COMMUNICATION SESSION

 (51) International classification (31) Priority Document Not (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 	:06/09/2012 ·FPO	 (71)Name of Applicant : 1)KONINKLIJKE KPN N.V. Address of Applicant :Maanplein 55 NL 2516 CK The Hague Netherlands 2)NEDERLANDSE ORGANISATIE VOOR TOEGEPAST NATUURWETENSCHAPPELIJK ONDERZOEK TNO (72)Name of Inventor : 1)NORP Antonius 2)FRANSEN Frank 3)DE KIEVIT Sander
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(57) Abstract :

A method is disclosed for establishing a device to device communication session between mobile devices (MD1 MD2) which are mutually connectable via a D2D communication channel (DDC) and individually connectable to a mobile network (MN) comprising: preloading (120) an initiation key on each of the mobile devices (MD1 MD2) the initiation key being associated with a validity period; and on each of the mobile devices (MD1 MD2): verifying (140) a validity of the initiation key based on a current time; if the initiation key is deemed valid generating (160) a session key using the initiation key by using the initiation key in performing (164 166) a key agreement procedure between the mobile devices (MD1 MD2) over the D2D communication channel (DDC) the key agreement procedure resulting in the session key if the initiation key used by each of the mobile devices matches; and establishing (180) the D2D communication session over the D2D communication channel (DDC) based on the session key.



No. of Pages : 42 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :17/07/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : APPARATUS AND METHODS FOR POWER STEALING BY CONTROLLERS

 (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 	:H02J1/10, H02J3/38 :NA :NA :NA :PCT// :01/01/1900 : NA :NA :NA :NA :NA	 (71)Name of Applicant : EMERSON ELECTRIC CO. Address of Applicant :8000 West Florissant Avenue St. Louis, Missouri 63136 USA U.S.A. (72)Name of Inventor : PAWAR HARSHAL MANIK
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(57) Abstract :

A controller for use in a climate control system includes a power stealing circuit connectible with a control of the climate control system and configured for stealing power via a signal from a power source through the control. An overcurrent limiting circuit is configured to limit a first portion of the signal to prevent a false call for operation of the control. The overcurrent limiting circuit is further configured not to limit a second portion of the signal to prevent a false call, where the control is configured to recognize only the first portion as determinative of whether the signal is a call for operation.

No. of Pages : 32 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :17/07/2014

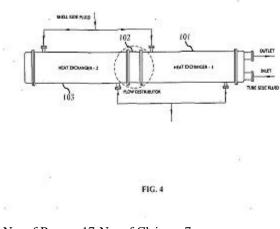
(43) Publication Date : 22/01/2016

(54) Title of the invention : USE OF COMMON FLOW DISTRIBUTOR OR FLOW DISTRIBUTORS IN MULTIPLE SHELLS HEAT EXCHANGER

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B01D47/00 :NA :NA :NA	 (71)Name of Applicant : 1)KIRLOSKAR PNEUMATIC COMPANY LIMITED Address of Applicant :HADAPSAR INDUSTRIAL ESTATE, PUNE 411 013 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SAHU RAMESH CHANDRA
(87) International Publication No	: NA	2)MAJGAONKAR AMEY SHARAD
(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 introduces a concept of flow distributor. Flow distribution using flow distributor is novelty of this invention. When the existing shell & tube heat exchanger is possible to be replaced with two or more smaller shell & tube replacement heat exchangers with shell side flow divided in the two or more shells of shell & tube replacement heat exchangers & tube side flow is common / undivided between the shell & tube replacement heat exchangers, a common flow distributor or flow distributors can be used between shell & tube replacement heat exchangers for reduction in size for ease of shipping & accommodation at site. The number of replacement heat exchangers can be two or more; similarly the number of passes can be one or more. The concept of flow distributor shall remain the same. A variety of flow distributors can be designed as per tube side flow pass distribution. The use of common flow distributor, not only saves space of one end cover per two shell and tube replacement heat exchangers but also saves piping, fittings & auxiliaries like flanges, bolts etc. Instead of a very long shell and tube heat exchanger, a person can use shell and tube heat exchangers having multiple shells with common flow distributor or flow distributors through the present invention's design for ease of inspection & maintenance.



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

(22) Date of filing of Application :17/07/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : PHOTONIC DEVICES BY ORGANO-METALLIC HALIDES BASED PEROVKITES MATERIAL AND ITS METHOD OF PREPARATION

 (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 	:C01B21/06, C01F17/00, :NA :NA :NA :NA :NA :NA : NA	 (71)Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY Address of Applicant :INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY, POWAI, MUMBAI-400076. Maharashtra India (72)Name of Inventor : 1)PROF. DINESH KABRA 2)NARESH KUMAR KUMAWAT
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)AMRITA DEY
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed is a photonic device for electroluminescence application and its method of preparation wherein device comprises a perovskite semiconductor film layer disposed between a n-type region and a p-type region, wherein the perovskite semiconductor film layer is made of an organo-metallic halide (ABX3) and is tuned to a band gap, wherein the band gap varies from NIR to visible range at room temperature and at least two inter layers, the at least two inter layers incorporated between the p-type region and perovskite semiconductor film layer and the n-type region and perovksite semiconductor film layer.

	Metallic electrode
	n-type semiconductor
	interlayer
Sir	gle halide based perovskite or
	hybrid perovskite
	Interlayer
	p-type semiconductor
Tra	nsparent conducting electrode

No. of Pages : 79 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :04/03/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : SILOXANE ORGANIC HYBRID MATERIALS PROVIDING FLEXIBILITY TO EPOXY BASED COATING COMPOSITONS

(51) International classification:C09D163/00,C09J163/00,C08L63/0(31) Priority Document No:13/611,791(32) Priority Date (33) Name of priority country:12/09/2012(33) Name of priority country:U.S.A.(86) International Application No Filing Date:PCT/US2013/058161(87) International Publication No (61) Patent of Addition to Application Number Filing Date:WO 2014/042944(62) Divisional to Application Number Filing Date:NA :NA(52) Al A to the:NA :NA	 (71)Name of Applicant : 1)MOMENTIVE PERFORMANCE MATERIALS INC. Address of Applicant :260 Hudson River Road Waterford NY 12188 U.S.A. (72)Name of Inventor : 1)GEISMANN Christian 2)KUMAR Vikram 3)KONDOS Constantine
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(57) Abstract :

Disclosed herein are epoxy based compositions that include a polysiloxane flexibilizer and amino functional alkoxysilane which provides flexibility hardness and gloss to such compositions and that are useful as coatings adhesives sealants and composites. Also disclosed are cured compositions and substrates coated with such epoxy based compositions.

No. of Pages : 53 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :17/07/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF TADALAFIL

(51) International classification:C07D471/04(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA	 (71)Name of Applicant : 1)UNICHEM LABORATORIES LIMITED Address of Applicant :UNICHEM BHAVAN, PRABHAT ESTATE, OFF. S. V. ROAD, JOGESHWARI (W), MUMBAI - 400 102, MAHARASHTRA, INDIA. Maharashtra India (72)Name of Inventor : 1)DR. DHANANJAY G. SATHE 2)DR. ARIJIT DAS 3)MR. VIKAS CHINCHOLIKAR 4)DR. DWAYAJA H. NADKARNI 5)DR. BHAVESH B. PATEL 6)MR. SHAILESH CHANDAK 7)MR. BABASAHEB L. SHINDE 8)DR MILIND SATHE
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(57) Abstract :

The present invention is to provide an improved process for the preparation of tadalafil (I). The process according to present invention is operationally simple and suitable for industrial application which will avoid hazardous chemicals such as TFA, eliminate column chromatography and use of high boiling solvent like DME, DMF.

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

(19) INDIA

(22) Date of filing of Application :17/07/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : FILTERING MATERIAL AND A 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 	B01D53/02 :NA :NA :NA :PCT// :01/01/1900 : NA	 (71)Name of Applicant : 1)ASHAPURA MINECHEM LTD Address of Applicant :Jeevan Udyog Building, 3rd Floor, 278, Dr. D.N. Road, Fort, Mumbai - 400 001, Maharashtra India. (72)Name of Inventor : 1)SHAH CHETAN NAVANITHLAL 2)CHATTERJEE AMIT
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)MANDAL SAIKAT
(62) Divisional to Application NumberFiling Date	:NA :NA	

(57) Abstract :

The present disclosure relates to a filtering medium in the form of discrete layers of coarse, medium and fine sized granules. The granules comprise a homogenized mixture of silicate, lime and a binder. The filtering medium is used for reducing the content of metals and suspended solids in wastewater/effluent. A process for preparing the filtering medium is also provided in the present disclosure.

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

(19) INDIA

(22) Date of filing of Application :26/02/2015

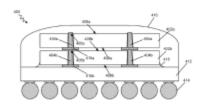
(43) Publication Date : 22/01/2016

(54) Title of the invention : ELECTROSTATIC PROTECTION FOR STACKED MULTI CHIP INTEGRATED CIRCUITS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International 	:H01L23/60,H01L23/525,H01L25/065 :13/646,109 :05/10/2012 :U.S.A. :PCT/US2013/063297 :03/10/2013	 (71)Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :Attn: International Ip Administration 5775 Morehouse Drive San Diego California 92121, U.S.A. U.S.A. (72)Name of Inventor : 1)HENDERSON Brian M. 2)TAN Chiew Guan 3)UVIEGHARA Gregory A. 4)JALILIZEINALI Reza
Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:WO 2014/055777 :NA :NA :NA :NA	

(57) Abstract :

One feature pertains to a multi chip module that comprises at least a first integrated circuit (IC) die and a second IC die. The second IC die has an input/output (I/O) node electrically coupled to the first IC die by a through substrate via. The second dies active surface also includes a fuse that is electrically coupled to the I/O node and adapted to protect the second IC die from damage caused by an electrostatic discharge (ESD). In particular the fuse protects the second IC die from ESD that may be generated as a result of electrically coupling the first die to the second die during the manufacturing of the multi chip module. Upon coupling the first die to the second die the fuse may bypass the ESD current generated by the ESD to ground. After packaging of the multi chip module is complete the fuse may be blown open.



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

(19) INDIA

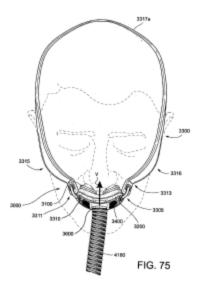
(22) Date of filing of Application :26/02/2015

(54) Title of the invention : PATIENT INTERFACE AND METHOD 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 Filing Date 	:A61M16/06,A61M16/08 :61/676,456 :27/07/2012 :U.S.A. :PCT/AU2013/000830 :26/07/2013 :WO 2014/015382 :NA :NA :NA :NA	 (71)Name of Applicant : 1)RESMED LIMITED Address of Applicant :1 Elizabeth Macarthur Drive Bella Vista New South Wales 2153, AUSTRALIA Australia (72)Name of Inventor : 1)WELLS Alicia Kristianne 2)EDWARDS Craig David 3)SHANMUGA SUNDARA Shiva Kumar 4)LEE Murray William 5)HASKARD Kirrily Michele 6)BARBARA Anthony Paul 7)WAGNER Stewart Joseph 8)TAN Chia Ik 9)MAY Frederick Arlet 10)GOLDSPINK Lachlan Richard 11)FORRESTER Martin 12)JOURDAN Ralph
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(57) Abstract :

A patient interface for delivery of a supply of pressurised air or breathable gas to an entrance of a patient s airways comprising: a cushion member that includes a retaining structure and a seal forming structure permanently connected to the retaining structure; a frame member attachable to the retaining structure; and a positioning and stabilising structure attachable to the frame member.



No. of Pages : 370 No. of Claims : 224

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(19) INDIA

(22) Date of filing of Application :04/03/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : HYDROMORPHONE HYDROCHLORIDE CONTAINING ORAL SUSTAINED RELEASE PHARMACEUTICAL 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 	:PCT/JP2013/073519 :02/09/2013 :WO 2014/034929 :NA :NA	 (71)Name of Applicant : 1)DAIICHI SANKYO COMPANYLIMITED Address of Applicant :3 5 1Nihonbashi HonchoChuo ku Tokyo 1038426 Japan (72)Name of Inventor : 1)YADA Shuichi 2)YANO Hideki 3)YOSHIDA Kazuhiro 4)FUKUI Sachiko
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention addresses the problem of providing a hydromorphone hydrochloride or oxycodone hydrochloride hydrate containing orally administered sustained release pharmaceutical composition which exhibits a reliable main pharmacological effect and has excellent formulation stability for avoiding excessive release of the principal agent such as alcohol resistance. A sustained release pharmaceutical composition containing (A) hydromorphone hydrochloride or oxycodone hydrochloride hydrate (B) hydroxypropyl methyl cellulose acetate succinate having a median diameter (D) of 40 µm or less (C) hydroxypropylcellulose and (D) a sugar; the weight ratio (C)/(B) of the (B) component and (C) component contained in the composition being 11/3 to 3/11.

No. of Pages : 68 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :19/07/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND SYSTEM FOR HAEMOGLOBIN MEASUREMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	G01N33/72 :NA :NA :NA	Address of Applicant :102 Orion Business Park, Near Cine Wonder Mall, Kapurbawadi, Thane West-400607, Maharashtra, India Maharashtra India
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Abhishek Sen 2)Aman Midha
(61) Patent of Addition to Application Number	:NA	3)PARIYATH, SREYAS V.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention preferably provides a non-invasive system for haemoglobin measurement and method thereof. The system for haemoglobin measurement comprises an image capturing device for capturing an image of conjunctiva along with an image of colour mat for correcting the image of conjunctiva; a light source for providing light during imaging of conjunctiva; a diffuser adapted to the light source for providing uniform light during imaging of conjunctiva; an optical chamber for preventing external . light from entering an eye during imaging of conjunctiva; a processing module, configured to receive and process the image captured from the image capturing device, for correcting the image of conjunctiva based on value of the image of colour mat, determining a RGB, HSV, or LAB value of the image of conjunctiva, and measuring the level of haemoglobin by comparing the RGB, HSV, or LAB value of the image of colour values of haemoglobin to retrieve a value which indicates the level of haemoglobin; and a display module, configured to display the measured level of haemoglobin from the processing module.

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

(22) Date of filing of Application :27/02/2015

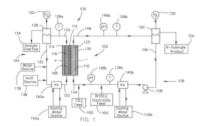
(43) Publication Date : 22/01/2016

REDUCTION OF CARBON DIOXIDE (51) International classification :C25B3/00 (71)Name of Applicant : (31) Priority Document No 1)LIOUID LIGHT INC. :61/701,237 (32) Priority Date Address of Applicant :11 Deer Park Drive Suite 121 :14/09/2012 Monmouth Junction NJ 08852 U.S.A. (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2013/053554 (72)Name of Inventor : Filing Date :05/08/2013 1)KACZUR Jerry J. (87) International Publication No :WO 2014/042781 2)KRAMER Theodore J. (61) Patent of Addition to Application **3)KEYSHAR Kunttal** :NA Number 4)MAJSZTRIK Paul :NA Filing Date 5)TWARDOWSKI Zbigniew (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : PROCESS AND HIGH SURFACE AREA ELECTRODES FOR THE ELECTROCHEMICAL

(57) Abstract :

Methods and systems for electrochemical conversion of carbon dioxide to organic products including formate and formic acid are provided. A method may include but is not limited to steps (A) to (C). Step (A) may introduce an acidic analyte to a first compartment of an electrochemical cell. The first compartment may include an anode. Step (B) may introduce a bicarbonate based catholyte saturated with carbon dioxide to a second compartment of the electrochemical cell. The second compartment may include a high surface area cathode including indium and having a void volume of between about 30% to 98%. At least a portion of the bicarbonate based catholyte is recycled. Step (C) may apply an electrical potential between the anode and the cathode sufficient to reduce the carbon dioxide to at least one of a single carbon based product or a multi carbon based product.



No. of Pages : 75 No. of Claims : 30

(21) Application No.473/MUMNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/03/2015

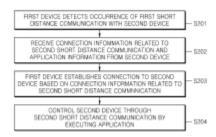
(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND DEVICE FOR EXECUTING APPLICATION

 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:09/09/2013	 (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)KO Jae woo 2)SHIN Hang sik 3)PARK Se jun
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method for executing an application based on a connection between devices by automatically connecting devices and a device are disclosed. The method includes: detecting an occurrence of first short distance communication between at least one external device and the device; receiving connection information which relates to a second short distance communication mode and application information which relates to the at least one external device from the at least one external device via the first short distance communication; establishing a connection based on the second short distance communication mode between the at least one external device and the device based on the received connection information which relates to the second short distance communication mode; and controlling the at least one external device via the second short distance communication mode by using an application which is executable based on the received application.



No. of Pages : 51 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :14/07/2014

(54) Title of the invention : NOVEL SERIES OF ALKOXYPHENYLCARBOXAMIDO DERIVATIVES-II

 (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 	A01N43/707 :NA :NA :NA :NA :NA : NA :NA	 (71)Name of Applicant : 1)SHARMA MANISH Address of Applicant :B R NAHATA COLLEGE OF PHARMACY, MANDSAUR, MP, INDIA. Madhya Pradesh India (72)Name of Inventor : 1)SHARMA MANISH 2)MALIK RUCHI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A novel series of alkoxyphenylcarboxamido derivatives with general structural formula (A) is related as memory enhancing agents/cognition enhancers/antiamnesic compounds. This series of compounds 7-17 can be further subdivided on the basis of substituents with general structural formula (A). Process of preparation of series of alkoxyphenylcarboxamido derivatives were also provided and detailed along with their analytical authentication data. The subseries of compounds shows Acetylcholinesterase inhibitory activity. They possess comparable IC50 in comparison to the standard drug piracetam/neostigmine. The novel series of alkoxyphenylcarboxzmido derivatives have determined Log P values and they have calculated QSAR descriptors calculated by internet version of MIPC (Molinspiration Property Calculator) program available online at www.molinspiration.com. A novel series of alkoxyphenylcarboxamido derivatives were evaluated on memory enhancing model such as elevated plus maze and results are dose dependent and comparable with the standard drug piracetam.[abstract]

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

(19) INDIA

(22) Date of filing of Application :27/02/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : CORROSION RESISTANT CONCRETE REINFORCING MEMBER

 (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 	:20/09/2013	 (71)Name of Applicant : 1)EDOO Quai de Azam Address of Applicant :PO BOX 259 South Fremantle Western Australia 6162 Australia (72)Name of Inventor : 1)EDOO Quai de Azam
Number	:NA :NA	

(57) Abstract :

A corrosion resistant concrete reinforcing member comprising: (i) an elongate core member defining a longitudinal axis; (ii) a longitudinally extending outer wall connected to and extending around said elongate core; and (iii) a void between the elongate core and the outer wall that is in fluid communication with the outside of the reinforcement member; wherein the surface area defined by the portions of the elongate core and the outer wall that define the void is adapted to contact concrete and assist in mechanical bonding of the reinforcing member to said concrete.

Fig 5

No. of Pages : 43 No. of Claims : 23

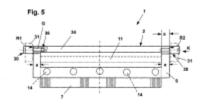
(22) Date of filing of Application :12/03/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : TOP COMB A	ATTACHMENT	
 (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 	:D01G19/10 :01750/12 :28/09/2012 :Switzerland	 (71)Name of Applicant : 1)MASCHINENFABRIK RIETER AG Address of Applicant :Klosterstrasse 20 CH 8406 Winterthun Switzerland (72)Name of Inventor : 1)MEYER Nikolaus 2)CAVADINI Flavio
Filing Date	:NA	

(57) Abstract :

The invention relates to a top comb (1) for a combing machine comprising a top comb carrier (2) which has a retainer section (4 34) connected to a carrier plate (5) to which a needle strip or top comb fitting (7) is secured said top comb carrier (2) in the region of its retainer section (4 34) and by means of at least one retainer bracket (21 31) that is associated with a top comb retainer (17) being able to be fixed to said retainer. In order to minimise the wear between the top comb carrier (2) and a retainer bracket (21 31) that is hinged to a top comb retainer it is suggested that at least two additional retainer means (30) are mounted on the retainer section (34) of the top comb and can be encompassed by one retainer bracket (31) in each case said retainer means (30) at least in the region that can be encompassed by the respective retainer bracket consisting of a material that is harder than the retainer section (34).



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

(19) INDIA

(22) Date of filing of Application :12/03/2015

(21) Application No.525/MUMNP/2015 A

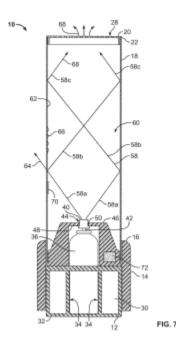
(43) Publication Date : 22/01/2016

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication N (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A01M1/20,A61L9/12,A61L9/14 :13/588976 :17/08/2012 :U.S.A. :PCT/US2013/055306 :16/08/2013 o:WO 2014/028824 :NA :NA :NA	 (71)Name of Applicant : 1)S. C. JOHNSON & SON INC. Address of Applicant :1525 Howe Street Racine WI 53403 U.S.A. (72)Name of Inventor : 1)FURNER Paul E. 2)HARWIG Jeffrey L. 3)PARSONS William G.
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(54) Title of the invention : DISPENSER

(57) Abstract :

Dispensing devices (10) are disclosed that include a base (12) a reservoir (36) that has a volatile active and a housing (14). The housing (14) includes a horizontal component (16) and a vertical wall (18) extending upwardly from the horizontal component (16). The horizontal component (16) and the vertical wall (18) define an interior volume (60) of the housing (14). An activator (40) is operatively connected to the reservoir (36). When the activator (40) is activated the volatile active is released from the reservoir (36) into the interior volume (60) of the housing (14) to create a first quantity (64) of volatile active having a first emanation rate a second quantity (66) of volatile active having a second emanation rate and a third quantity (68) of volatile active having a third emanation rate.



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

(19) INDIA

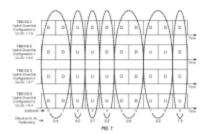
(22) Date of filing of Application :04/03/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND APPARATUS FOR SUPPORTING HYBRID CARRIER AGGREGATION		
 (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 	:61/705,092 :24/09/2012 :U.S.A.	 (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)MALLADI Durga Prasad 2)DAMNJANOVIC Jelena 3)WEI Yongbin 4)GAAL Peter

(57) Abstract :

A method an apparatus and a computer program product for wireless communication are provided. The apparatus e.g. base station determines a plurality of component carriers configured for a user equipment (UE) served by the apparatus. The plurality of component carriers includes a primary component carrier and a secondary component carrier. The primary component carrier may be a time division duplex (TDD) carrier having a same uplink:downlink configuration as a first cell at a neighboring base station and the secondary component carrier may be a TDD carrier having a different uplink:downlink configuration as a second cell at the neighboring base station. The apparatus exchanges data with the UE according to an effective uplink downlink subframe partition of the configured component carriers. The effective uplink downlink subframe partition may be time varying and the apparatus may operate to limit interference due to the different TDD configurations at the serving and neighbor cells.



No. of Pages : 69 No. of Claims : 52

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

(21) Application No.512/MUMNP/2015 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : PROCESSING PMCH / PRS AND EPDCCH IN LTE

 (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 	:H04W72/04 :61/709932 :04/10/2012 :U.S.A. :PCT/US2013/061720 :25/09/2013 :WO 2014/055304	 (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)CHEN Wanshi 2)XU Hao 2)CAAL Bater
		5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(86) International Application No	:PCT/US2013/061720	(72)Name of Inventor :
Filing Date	:25/09/2013	1)CHEN Wanshi
(87) International Publication No	:WO 2014/055304	2)XU Hao
(61) Patent of Addition to Application	:NA	3)GAAL Peter
Number	:NA	
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods and apparatuses are provided for resolving collisions between a multicast channel (such as a physical multicast channel (PMCH)) and a control channel (such as an enhanced physical downlink control channel (EPDDCH)) in a wireless network such as LTE. In an aspect a UE determines whether to process an enhanced physical downlink control channel (EPDCCH) or a signal of a service in a subframe. The UE communicates in accordance with the determination.

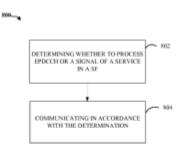


FIG. 8

No. of Pages : 37 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(19) INDIA

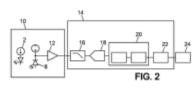
(22) Date of filing of Application :11/03/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : ANALOGUE AMPLIFICATION DEVICE INTENDED IN PARTICULAR FOR A LASER ANEMOMETER

(57) Abstract :

This analogue amplification device comprises a first stage (28) with common base transistor (36) receiving the modulated input current entering its emitter and the output signal leaving this first stage corresponds to the signal of the collector a second stage (30) is formed by a follower amplifier comprising a transistor (38) with common drain or collector setup a third stage (52) comprises a transistor (40) with common emitter setup and a fourth stage (34) is an amplifier stage with means making it possible to carry out on the one hand an amplification and on the other hand a matching of impedance. Application to a laser anemometer with optical retro injection.



No. of Pages : 26 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :26/02/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND DEVICE FOR MULTI-STATE INTERFEROMETRIC LIGHT MODULATION

(51) International classification	:G09G 3/00	(71)Name of Applicant :
(31) Priority Document No	:60/613,486	1)QUALCOMM MEMS TECHNOLOGIES, INC.
(32) Priority Date	:27/09/2004	Address of Applicant :5775 Morehouse Drive, San Diego,
(33) Name of priority country	:U.S.A.	California 92121, United States of America U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Clarence CHUI
(87) International Publication No	: NA	2)William Jerome CUMMINGS
(61) Patent of Addition to Application Number	:NA	3)Brian James GALLY
Filing Date	:NA	
(62) Divisional to Application Number	:1029/MUM/2005	
Filed on	:29/08/2005	

(57) Abstract :

A multi-state light modulator comprises a first reflector. A first electrode is positioned at a distance from the first reflector. A second reflector is positioned between the first reflector and the first electrode. The second reflector is movable between an undriven position, a first driven position, and a second driven position, each having a corresponding distance from the first reflector. In one embodiment, the three positions correspond to reflecting white light, being non-reflective, and reflecting a selected color of light. Another embodiment is a method of making the light modulator. Another embodiment is a display including the light modulator.

No. of Pages : 39 No. of Claims : 27

(22) Date of filing of Application :05/03/2015

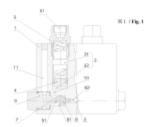
(43) Publication Date : 22/01/2016

:F16N25/02	(71)Name of Applicant :
:201210332420.0	1)AUTOL TECHNOLOGY CO. LTD
:10/09/2012	Address of Applicant :No.96 Hehuan Road High tech Zone
:China	Zhengzhou Henan 450001 China
:PCT/CN2013/079783	(72)Name of Inventor :
:22/07/2013	1)ZHAO Daping
:WO 2014/036860	2)LI Jianhua
•NI A	3)SI Yankai
	4)MA Lifeng
INA	
:NA	
:NA	
	:201210332420.0 :10/09/2012 :China :PCT/CN2013/079783 :22/07/2013 :WO 2014/036860 :NA :NA :NA

(54) Title of the invention : LIQUID DISTRIBUTING VALVE

(57) Abstract :

A liquid distributing valve comprises a shell (1) and an oil supply channel (2). The shell (1) comprises an oil storage valve and a two position three way valve; the oil storage valve is separated into an oil storage chamber (31) and an oil pressing chamber (32) by a piston (4); the oil storage chamber (31) is communicated with an oil draining port (61) and is provided with a spring (5) butting against the piston (4); the two position three way valve comprises a valve chamber (7) a valve core (8) and a valve base (9); the valve chamber (7) is communicated with the oil pressing chamber (32) through an oil exchanging channel (10); an oil inlet (62) of the valve chamber (7) is communicated with the oil supply channel (2); a core hole (91) of the valve base (9) is communicated with the oil storage chamber (31) through a bypass oil channel (11). When the valve core (8) is located at a first valve position the oil inlet (62) is plugged and the oil pressing chamber (32) is communicated with the oil storage chamber (31); when the valve core (8) is located at a second valve position the core hole (91) is plugged and lubricating oil enters the oil pressing chamber (32) from the oil inlet (62) the piston is pushed to compress the spring and the lubricating oil in the oil storage chamber (31) is drained from the oil draining port (61) and is conveyed to an appointed lubricating point. The liquid distributing valve is applicable to various lubricating demands has a compact structure and high reliability and is convenient in maintenance.



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

(19) INDIA

(22) Date of filing of Application :12/03/2015

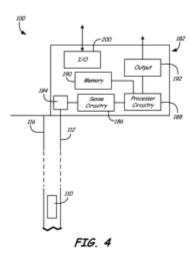
(43) Publication Date : 22/01/2016

(51) International classification	:F04B47/12	(71)Name of Applicant :
(31) Priority Document No	:13/630783	1)ROSEMOUNT INC.
(32) Priority Date	:28/09/2012	Address of Applicant :8200 Market Boulevard Chanhassen
(33) Name of priority country	:U.S.A.	MN 55317 U.S.A.
(86) International Application No	:PCT/US2013/060540	(72)Name of Inventor :
Filing Date	:19/09/2013	1)HEDTKE Robert C.
(87) International Publication No	:WO 2014/052142	2)WIATER Nathan L.
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : DETECTION OF POSITION OF A PLUNGER IN A WELL

(57) Abstract :

A system (182) for identifying location of a plunger (110) that moves along a length of a well (100) includes an acoustic source (160 170) carried in the well configured to transmit an acoustic signal when the plunger (110) reaches a sense location in the well (100). An acoustic receiver (184) is positioned at a top (116) of the well (100) and is configured to receive the acoustic signal. Processing circuitry processes the received acoustic signal and provides an output indicative of the plunger reaching the sense location.



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

(19) INDIA

(22) Date of filing of Application :26/02/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD, PROCESSING DEVICE AND PROCESSING LINE FOR MECHANICALLY PROCESSING AN ORGAN OR ORGANS TAKEN OUT FROM SLAUGHTERED POULTRY

(51) International classification	:A22C	(71)Name of Applicant :
(31) International classification	21/00	1)Meyn Food Processing Technology B.V.
(31) Priority Document No	:2012465	Address of Applicant :Westeinde 6, NL-1511 MA
(32) Priority Date	:18/03/2014	OOSTZAAN, the Netherlands. Netherlands
(33) Name of priority country	:Netherlands	(72)Name of Inventor :
(86) International Application No	:PCT//	1)Busch, Cornelis
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) 11		1

(57) Abstract :

Method and processing device for processing an organ package taken out from slaughtered poultry, using at least two cooperating rollers that define a nip between said rollers for selectively allowing preselected organs from said organ pack-age to pass through said nip, which rollers during operation rotate in opposite directions in order to convey the organ package and simultaneously promote that said preselected organs pass through said nip, wherein the rollers have a cross-sectional diameter, the value of which varies as seen in the longitudinal direction of the rollers and depends on the location of the cross-section between an entrance portion and an exit portion of said rollers so as to provide each of the rollers with a superficial curved contour.

No. of Pages : 17 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :04/03/2015

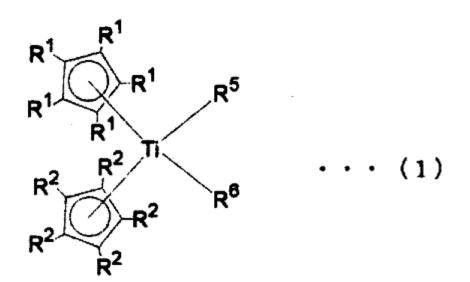
(43) Publication Date : 22/01/2016

(54) Title of the invention : HYDROGENATION CATALYST COMPOSITION AND HYDROGENATION METHOD USING SAID HYDROGENATION CATALYST 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 	:12/09/2013 :WO 2014/046016 :NA	 (71)Name of Applicant : 1)ASAHI KASEI CHEMICALS CORPORATION Address of Applicant :1 105 Kanda Jinbocho Chiyoda ku Tokyo 1018101 Japan (72)Name of Inventor : 1)ARAKI Yoshifumi 2)SASAYA Eiji 3)NITTA Katsunori
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

5612This hydrogenation catalyst composition contains (A) to (D) and has a mass ratio (D)/(A) of 0.01 2.00. (A) is the titanocene compound of formula (1) (R and R being selected from the group consisting of hydrogen a hydrocarbon group having 1 12 carbon atoms an aryloxy group an alkoxy group a halogen group and a carbonyl group; and R and R being selected from hydrogen and a hydrocarbon group having 1 12 carbon atoms). (B) is a compound containing an element selected from Li Na K Mg Zn Al and Ca. (C) is an unsaturated polymer having a fraction of the amount of olefinic unsaturated double bonds in side chains to the amount of olefinic unsaturated double bonds in the entirety thereof of 0.25 1.0. (D) is a polar compound.



No. of Pages : 75 No. of Claims : 7

(21) Application No.514/MUMNP/2015 A

(19) INDIA

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

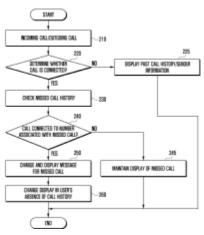
(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND APPARATUS FOR DISPLAYING MISSED CALLS ON MOBILE 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 Number Filing Date (62) Divisional to Application Number Filing Date 	:H04M1/57, H04M1/725 :1020120104722 :20/09/2012 :Republic of Korea :PCT/KR2013/008421 :17/09/2013 :WO 2014/046470 :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)CHO Jaewan
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(57) Abstract :

A displaying method and apparatus in a mobile terminal are provided. The displaying method in a mobile terminal includes displaying a message for a missed call for a first number on an idle screen or a call list screen when the missed call is generated from the first number displaying a call history for the first number on an incoming call screen or an outgoing call screen when a call is received from the first number or the call is transmitted to the first number and changing the message for the missed call for the first number when a call is connected to the first number and displaying the changed message.



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

(19) INDIA

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

(43) Publication Date : 22/01/2016

(54) Title of the invention : MUTANT TOMATOES AND USE THEREOF FOR PREVENTING WEIGHT GAIN AND/OR TREATING OBESITY RELATED CONDITIONS

 (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 	:A01H5/08,A61K36/81 :2009317 :13/08/2012 :Netherlands :PCT/NL2013/050596 :13/08/2013 :WO 2014/027886 :NA :NA	 (71)Name of Applicant : 1)GREEN4HEALTH B.V. Address of Applicant :Papierbaan 50 A NL 9672 BH Winschoten Netherlands (72)Name of Inventor : 1)VAN DER WINDT Arie Dirk
Number Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to the use of tomatoes for inhibition amelioration or prevention of adipogenesis mediated diseases such as obesity lipid storage disease and hyperlipemia. Provided is a tomato plant fruit fragment or extract thereof for use in a method for preventing weight gain and/or inhibiting preventing or ameliorating a disease condition associated with adipogenesis in a mammal wherein the tomato is a ripening impaired mutant tomato such as a ripening inhibitor (rin) nonripening (nor) and /or never ripe (Nr) gene mutant tomato. Also provided are anti adipogenic extracts and compositions comprising the extract.

No. of Pages : 24 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :26/02/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD, PROCESSING DEVICE AND PROCESSING LINE FOR MECHANICALLY PROCESSING AN ORGAN OR ORGANS TAKEN OUT FROM SLAUGHTERED POULTRY

(51) International classification	:A22C	(71)Name of Applicant :
(51) International classification	21/00	1)Meyn Food Processing Technology B.V.
(31) Priority Document No	:2012464	Address of Applicant :Westeinde 6, NL-1511 MA
(32) Priority Date	:18/03/2014	OOSTZAAN, the Netherlands. Netherlands
(33) Name of priority country	:Netherlands	(72)Name of Inventor :
(86) International Application No	:PCT//	1)Busch, Cornelis
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	
		1

(57) Abstract :

Method and processing device for processing an organ package taken out from slaughtered poultry, using at least two cooperating rollers that define a nip between said rollers for selectively allowing preselected organs from said organ package to pass through said nip, which rollers during operation rotate in opposite directions in order to convey the organ package and simultaneously promote that said preselected organs pass through said nip, wherein the rollers have a cross-sectional diameter, the value of which varies as seen in the longitudinal direction of the rollers and depends on the location of the cross-section between an entrance portion and an exit portion of said rollers so as to provide each of the rollers with a superficial curved contour.

No. of Pages : 17 No. of Claims : 25

(22) Date of filing of Application :15/07/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : WARRANTY COST I	ESTIMATION	
(51) International classification	:G06Q30/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA CONSULTANCY SERVICES LIMITED
(32) Priority Date	:NA	Address of Applicant :Nirmal Building, 9th Floor, Nariman
(33) Name of priority country	:NA	Point, Mumbai, Maharashtra 400021 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)AGARWAL, Puneet
(87) International Publication No	: NA	2)SHROFF, Gautam
(61) Patent of Addition to Application Number	:NA	3)SINGH, Karamjlt
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Estimating warranty cost of products having multiple parts is described. In an implementation, part-failure data indicative of number of cycles at which each part fails in and after a first predefined time period is determined. Sensor data and service records data are obtained to determine DTC occurrence data and DTC observance data. The DTC occurrence data and the DTC observance data are indicative of number of cycles at which each DTC associated with each part occurs and is observed for first time in the first predefined time period, respectively. Dependency parameters between the part-failure data, the DTC occurrence data and the DTC observance data are identified based on Bayesian Network that represents probabilistic relationships between the part-failure data, the DTC occurrence data and the DTC observance data. Number of failures of products in a second predefined time period is computed based on the dependency parameters for estimating the warranty cost.

No. of Pages : 36 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :15/07/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : RS232 BASED INCUBATOR MONITORING AND ALARM SYSTEM WITH REMOTELY PLACED DISPLAY

(51) International classification:H02J7/00, H02J9/06(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No Filing Date:PCT// :01/01/190(87) International Publication No Filing Date:NA(61) Patent of Addition to Application Number Filing Date:NA(62) Divisional to Application Number Filing Date:NA(63) International to Application Number:NA(64) Patent of Addition to Application Number:NA(65) Divisional to Application Number:NA(66) Date:NA(67) Divisional to Application Number:NA(68) Divisional to Application Number:NA(61) Paten:NA(62) Divisional to Application Number:NA(63) Date:NA	Address of Applicant :c/o PROF. DR. S. G. KULKARNI, BUNGLOW NO. 11 A, FERGUSSON COLLEGE CAMPUS, PUNE- 411004 Maharashtra India 2)PRIYANKA MADHUSUDAN MODANI 3)HRISHIKESH VINAYAK DESHPANDE 4)CHAITANYA ASHOK IAMDHADE
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(57) Abstract :

RS232 BASED INCUBATOR MONITORING AND ALARM SYSTEM WITH REMOTELY PLACED DISPLAYmonitors various physical parameters like Temperature of incubator, Humidity of incubator, Pressure inside the incubator, contents of hazardous gases in it and body temperature of baby continuously by sensing all the data with the help of corresponding sensors. After sensing this data, it is amplified, digitized and then serially transmitted, which is then received by the Receiver. This received data is then displayed on doctor/nurse/concerned authorityTMs computer. We can also save all the data for the incubators.

No. of Pages : 19 No. of Claims : 1

(19) INDIA

(22) Date of filing of Application :16/07/2014

	:	(71)Name of Applicant :
(51) International classification	A23L1/025,	
	A23G3/48	Address of Applicant :18-C, 1ST FLOOR, SWATI
(31) Priority Document No	:NA	APARTMENTS, SAROJINI ROAD, SANTACRUZ (WEST),
(32) Priority Date	:NA	MUMBAI - 400054 Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)MR. KAMAL PATIDAR
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : 5-HYDROXYTRYPTOPHAN SUGAR FREE GRANULES

(57) Abstract :

A novel coating system whereby sugar free granules coated by 5 HTP without using any coating polymer and served in the ready to use fast dissolving tea bag or pouch. The present invention relates to the oral delivery system of 5-hydroxytryptophan (5-HTP) particularly includes a tea bag or pouch like delivery system for making a hot rejuvenating and re-energizing beverage. Also sugar free 5-HTP granule dosage form is convenient for diabetic consumer suffering from anxiety and stress.

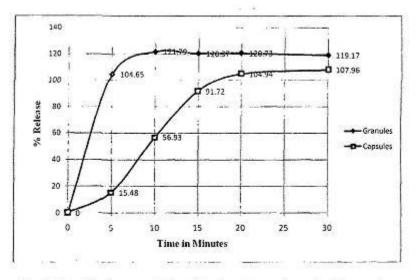


Fig: 1. Graphical representation of in-vitro release of granules Vs capsules

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

(19) INDIA

(22) Date of filing of Application :28/02/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : A SENSING DEVICE FOR A HANGER OF A READY-MADE CLOTHING SYSTEM

(51) International classification	:A41D 27/00	(71)Name of Applicant :
(31) International classification		
(31) Priority Document No	:CN	1)Taizhou Feiyue Twinstar Apparel Machinery Co., Ltd.
	201410148607.4	Address of Applicant :No.109 Middle Airport Road, Jiaojiang
(32) Priority Date	:14/04/2014	District, Taizhou City, Zhejiang Province, 318000 China China
(33) Name of priority country	:China	(72)Name of Inventor :
(86) International Application No	:PCT//	1)WENG,Duanwen
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 A SENSING DEVICE FOR A HANGER OF A READY-MADE CLOTHING SYSTEM The present invention provides a sensing device for a hanger of a ready-made clothing system to address the problem of the existing sensing device for poor stability of the sensing device in operation as the thin rod is used as the trigger plate. Particularly, the invention provides a sensing device for a hanger of a ready-made clothing system, including a micro-switch and a trigger mechanism, in which the trigger mechanism is used to be in contact with the hanger, and the alteration of the position of the trigger mechanism after being in contact with the hanger acts on the contact point of the micro-switch. The trigger mechanism comprises a sheet-like trigger plate. One end of the trigger plate has a pivot point, and the other end of the trigger plate is a free end. A position restriction mechanism is provided on the inner side of the trigger plate in the widthwise direction for restricting the position of the trigger plate.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(19) INDIA

(22) Date of filing of Application :03/03/2015

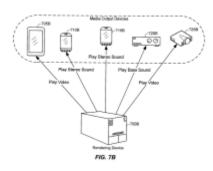
(43) Publication Date : 22/01/2016

(54) Title of the invention : AD HOC MEDIA PRESENTATION BASED UPON DYNAMIC DISCOVERY OF MEDIA OUTPUT DEVICES THAT ARE PROXIMATE TO ONE OR MORE USERS

(51) International classification:H04L12/28,H04L29/08,H04N21/258(31) Priority Document No:61/682,050(32) Priority Date:10/08/2012(33) Name of priority country:U.S.A.(86) International Filing Date:PCT/US2013/054347(87) International Publication No:WO 2014/026115(61) Patent of Addition to Filing Date:NA(62) Divisional to Filing Date:NA(62) Divisional to Filing Date:NA(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(33) Name of priority country:NA(34) Name of priority country:NA(55) Name of priority country:NA(61) Patent of Addition to Application Number Filing Date:NA(52) Divisional to Filing Date:NA(53) Divisional to Filing Date:NA(54) Date:NA(55) Divisional to Filing Date:NA(56) Divisional to Filing Date:NA	 (71)Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :Attn: International Ip Administration 5775 Morehouse Drive San Diego CA 92121 1714 U.S.A. (72)Name of Inventor : 1)GUEDALIA Isaac David 2)GLICKFIELD Sarah 3)POMERANTZ Riva
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(57) Abstract :

In an embodiment a device controller initiates a dynamic discovery procedure to detect media output devices that are currently in proximity to a user. The device controller determines a first subset of the detected media output devices configured to present a first media type (e.g. video audio etc.) to the user and a second subset of the detected media output devices configured to present a second media type (e.g. audio video etc.) to the user. The device controller directs first and second portions of media to the first and second subsets conjunctive presentation. In another embodiment the first and/or second subsets can include two or more devices such that the same media type can be presented by multiple devices (e.g. to achieve a surround sound effect a split screen or cloned video effect etc.).



No. of Pages : 72 No. of Claims : 52

(19) INDIA

(22) Date of filing of Application :10/03/2015

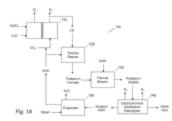
(43) Publication Date : 22/01/2016

(51) International classification(31) Priority Document No(32) Priority Date	:C25B3/04 :61/703229 :19/09/2012	 (71)Name of Applicant : 1)LIQUID LIGHT INC. Address of Applicant :11 Deer Park Drive Suite 121
(33) Name of priority country	:U.S.A.	Monmouth Junction NJ 08852 U.S.A.
(86) International Application No	:PCT/US2013/053566	(72)Name of Inventor :
Filing Date	:05/08/2013	1)KACZUR Jerry J.
(87) International Publication No	:WO 2014/046791	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : INTEGRATED PROCESS FOR PRODUCING CARBOXYLIC ACIDS FROM CARBON DIOXIDE

(57) Abstract :

The present disclosure is a method and system for production of carboxylic based chemicals including carboxylic acids and salts. A method for producing at oxalic acid may include receiving an anolyte feed at an anolyte region of an electrochemical cell including an anode and receiving a catholyte feed including carbon dioxide and an alkali metal hydroxide at a catholyte region of the electrochemical cell including a cathode. Method may include applying an electrical potential between the anode and cathode sufficient to reduce the carbon dioxide to at least one reduction product and converting the at least one reduction product and the alkali metal hydroxide to an alkali metal oxalate via a thermal reactor. The method may further include receiving the alkali metal oxalate at an electrochemical acidification electrolyzer and converting the alkali metal oxalate to oxalic acid at the electrochemical acidification electrolyzer.



No. of Pages : 37 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :10/03/2015

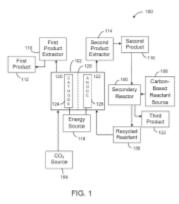
(43) Publication Date : 22/01/2016

(54) Title of the invention : ELECTROCHEMICAL CO PRODUCTION OF CHEMICALS EMPLOYING THE RECYCLING OF A HYDROGEN HALIDE

 (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 (2) Discrimination 	:PCT/US2013/053569 :05/08/2013	 (71)Name of Applicant : 1)LIQUID LIGHT INC. Address of Applicant :11 Deer Park Drive Suite 121 Monmouth Junction NJ 08852 U.S.A. (72)Name of Inventor : 1)TEAMEY Kyle 2)KACZUR Jerry J.
11		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present disclosure is a system and method for producing a first product from a first region of an electrochemical cell having a cathode and a second product from a second region of the electrochemical cell having an anode. The method may include a step of contacting the first region with a catholyte comprising carbon dioxide. The method may include another step of contacting the second region with an anolyte comprising a recycled reactant. The method may include a step of applying an electrical potential between the anode and the cathode sufficient to produce a first product recoverable from the first region and a second product recoverable from the second region. The second product may be removed from the second region and introduced to a secondary reactor. The method may include forming the recycled reactant in the secondary reactor.



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

(19) INDIA

(22) Date of filing of Application :02/03/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : Locking device and suspension system for a motor vehicle seat which is supported such that it can vibrate and motor vehicle seat with a suspension 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 Filing Date 	:B60G 11/00 :102014003130.6 :04/03/2014 :Germany :PCT// :01/01/1900 : NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)ISRINGHAUSEN GMBH & CO. KG. Address of Applicant :ISRINGHAUSEN-Ring 58, 32657 Lemgo, Germany Germany (72)Name of Inventor : 1)D-RING, Horst 2)KR-NCKE, Reiner
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(57) Abstract :

The invention relates to a locking device for a suspension system of scissor-type construction for a motor vehicle seat which is supported such that it can vibrate, to stop the vibrationat different seat heights, which has a toothed segment 16 with a first toothing 13 which can be connected to a bottom frame 25 such that it can pivot and a pawl 7 with a second toothing 14 which can be connected to a top frame 24 such that it can pivot, wherein there is a locking position at each lockable seat height in which the first toothing 13 engages with the second toothing 14, and at each lockable seat height there is a freewheel position in which the first toothing 13 does not engage with the second toothing 14. In addition, the invention relates to a suspension system of scissor-type construction for a motor vehicle seat which is supported such that it can vibrate, comprising a bottom frame 25 connected to the motor vehicle and a top frame 24 facing the occupant, which has a locking device which, triggered by a release force introduced into the system from outside, prevents or permits a change in the vertical distance between the bottom frame 25 and the top frame 24 reversibly into a large number of height positions of the suspension system, wherein in each of these height positions in each case a locking position is present, in which the change in the vertical distance is prevented, and a freewheel position is present, in which the change in the vertical distance is prevented at the above-described suspension system. (Fig. 2)

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

(22) Date of filing of Application :22/12/2009

(43) Publication Date : 22/01/2016

(54) Title of the invention : DEVELOPMENT OF AN EFFECTIVE HERBAL DRUG FORMULATION FOR THE TREATMENT OF SICKLE CELL ANAEMIA AND THE PROCESS THEREOF

(57) Abstract :

The invention comprises a pharmaceutical dosage composition comprising antisickling effective amount of extract of seeds of Wrightia tinctoha R. Br. with or without combination with extract of raw fruits of Carica papaya L, process of making the same and its use for treatment of Sickle Cell Disease.

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

(19) INDIA

(22) Date of filing of Application :12/03/2015

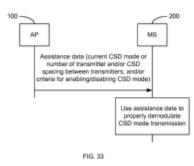
(43) Publication Date : 22/01/2016

:G01S5/00	(71)Name of Applicant :
:13/624653	1)QUALCOMM Incorporated
:21/09/2012	Address of Applicant :ATTN: International IP Administratio
:U.S.A.	5775 Morehouse Drive San Diego CA 92121 1714 U.S.A.
:PCT/US2012/056932	(72)Name of Inventor :
:24/09/2012	1)DO Ju Yong
:WO 2014/046690	2)SRIDHARA Vinay
.N. A	3)GARIN Lionel Jacques
:NA	
:NA	
:NA	
	:13/624653 :21/09/2012 :U.S.A. :PCT/US2012/056932 :24/09/2012 :WO 2014/046690 :NA :NA :NA

(54) Title of the invention : CYCLIC SHIFT DELAY DETECTION USING SIGNALING

(57) Abstract :

Systems apparatus and methods for determining a cyclic shift diversity (CSD) mode are presented. Examples communicate the CSD mode in a signaling message. Specifically a CSD mode is set in an access point the sent to a mobile device. The signaling messages may be either a point to point message or a broadcast message. The access point or location server may set the current CSD mode from a plurality of mobile devices by crowd sourcing. For example the plurality of mobile devices may report what CSD mode was detected. Alternative the plurality of mobile devices may send a channel impulse response (CIR) or the like to a location server and the location server may determine what CSD mode is currently used by the access point.



No. of Pages : 59 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :12/03/2015

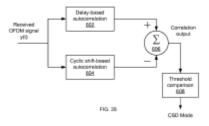
(43) Publication Date : 22/01/2016

(51) International classification	:G01S5/00	(71)Name of Applicant :
(31) Priority Document No	:13/624649	1)QUALCOMM INCORPORATED
(32) Priority Date	:21/09/2012	Address of Applicant :ATTN: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(86) International Application No	:PCT/US2012/056931	(72)Name of Inventor :
Filing Date	:24/09/2012	1)ZHANG Xiaoxin
(87) International Publication No	:WO 2014/046689	2)ZHANG Ning
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number		

(54) Title of the invention : CYCLIC SHIFT DELAY DETECTION USING AUTOCORRELATIONS

(57) Abstract :

Systems apparatus and methods for determining a cyclic shift diversity (CSD) mode are presented. Examples use two different autocorrelations to determine a current CSD mode. Specifically a delay based autocorrelation and a cyclic shift based autocorrelation are each computed then compared to each other for example by taking a difference of the two autocorrelations. A multipath signal leads to similar autocorrelations where as a signal with a CSD mode enabled leads to dissimilar autocorrelations. By examining the number of peaks in the delay based autocorrelation or the autocorrelation difference a current CSD mode may be determined.



No. of Pages : 59 No. of Claims : 16

(22) Date of filing of Application :12/03/2015

(21) Application No.522/MUMNP/2015 A

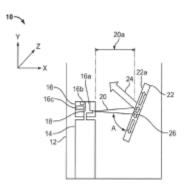
(43) Publication Date : 22/01/2016

 (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 	:PCT/US2013/055300 :16/08/2013 :WO 2014/028820 :NA :NA	 (71)Name of Applicant : 1)S.C. JOHNSON & SON INC. Address of Applicant :1525 Howe Street Racine WI 53403 U.S.A. (72)Name of Inventor : 1)FURNER Paul E. 2)HARWIG Jeffrey L. 3)PARSONS William G.
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(54) Title of the invention : DISPENSER

(57) Abstract :

A dispensing device (10) includes a housing (12) a substrate (22) having a surface (22a) and disposed within the housing (12) a reservoir (14) disposed within the housing (12) and having a volatile active and an activator (16) operatively connected to the reservoir (14). When the activator (16) is activated the volatile active (20) is released from the reservoir (14) onto the surface (22b) to create a first quantity (24) of volatile active (20) having a first emanation rate and a second quantity (26) of volatile active (20) having a second emanation rate.



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

(19) INDIA

(22) Date of filing of Application :03/03/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : STRADDLE TYPE VEHICLE WITH SINGLE CYLINDER 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 	:B62J1/00 :14158362.5 :07/03/2014 :EPO :PCT// / :01/01/1900 : NA	Address of Applicant :2500 Shingai, Iwata-shi, Shizuoka 438- 8501, Japan Japan (72) Name of Inventor :
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

ABSTRACT TITLE.: STRADDLE TYPE VEHICLE WITH SINGLE CYLINDER ENGINE The invention relates to a straddle-type vehicle which comprises a body frame, comprising a left pipe section and a right pipe section; a seat comprising a bottom plate and a cushion element provided on the bottom plate, wherein the seat overlaps at least a portion of the left pipe section and at least a portion of the right pipe section in plan view; a power unit/engine rigidly fixed to the body frame such that the power unit/engine cannot rotate with respect to the body frame; and at least one electrical component wherein the straddle-type vehicle further comprises a resin support member connecting the left pipe section and the right pipe section, the seat overlaps at least a portion of the resin support member in plan view, and the at least one electrical component is supported on the resin support member.

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

(19) INDIA

(22) Date of filing of Application :14/07/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : NOVEL 2-SUBSTITUTED THAIZOLE COMPOUNDS

 (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 	:NA :NA :NA :NA	 (71)Name of Applicant : 1)B.V. PATEL PHARMACEUTICAL EDUCATION AND RESEARCH DEVELOPMENT (PERD) CENTER Address of Applicant :B. V. PATEL PERD CENTRE, THALTEJ-GANDHINAGAR HIGHWAY, THALTEJ, AHMEDABAD 380 054, GUJARAT (IN) Gujarat India (72)Name of Inventor : 1)KAMALA KUNJU VASU 2)VASUDEVAN SUDARSANAM 3)DHAIVATKUMAR HARIKRISHNABHAI PANDYA 4)JAYESH ANILKUMAR SHARMA 5)MANISH NIVSARKAR
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(57) Abstract :

The invention relates to novel 2-substituted thaizoles as adenosine receptor ligands. The biological activity against adenosine receptor is useful in the management of adenosine receptor antagonists and their implication in the treatment of various diseases like inflammation, asthma, autoimmune diseases, cancer, cardiovascular diseases and neurodegenerative diseases like Parkinson's disease/Alzheimer's disease using the same. The invention also relates to methods for the synthesis of thiazole compounds according to present invention.

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

(19) INDIA

(22) Date of filing of Application :14/07/2014

(54) Title of the invention : (5-THIAZOLYL/THIENYL)-2-THIENYL METHANONES

		(71)Name of Applicant :
		1)B.V. PATEL PHARMACEUTICAL EDUCATION
(51) International classification	:A61K	RESEARCH AND DEVELOPMENT (PERD) CENTER
(31) Priority Document No	:NA	Address of Applicant : B. V. PATEL PERD CENTRE,
(32) Priority Date	:NA	THALTEJ-GANDHINAGAR HIGHWAY, THALTEJ,
(33) Name of priority country	:NA	AHMEDABAD 380 054, GUJARAT (IN) Gujarat India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KAMALA KUNJU VASU
(87) International Publication No	: NA	2)VASUDEVAN SUDARSANAM
(61) Patent of Addition to Application Number	:NA	3)JAYESH ANILKUMAR SHARMA
Filing Date	:NA	4)DHAIVATKUMAR HARIKRISHNABHAI PANDYA
(62) Divisional to Application Number	:NA	5)MILEE AGARWAL
Filing Date	:NA	6)SNEHA PATEL
-		7)SHAIKH MUHAMMAD VASEEM
		8)RAVAT NIRAV MINESHKUMAR

(57) Abstract :

The invention relates to novel 5-thiazolyl/thienyl)-2-thienyl methanones or pharmaceutically acceptable salts as potential anti-cancer agents. The biological activity against cancer cell lines are useful in the management of cancer and their implication in the treatment of various diseases like inflammation, asthma, autoimmune diseases, cardiovascular diseases and neurodegenerative diseases like Parkinson's disease/Alzheimer's disease using the same. The invention also relates to methods for the synthesis of 5-thiazolyl/thienyl)-2-thienyl methanones according to present invention.

No. of Pages : 30 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :27/02/2015

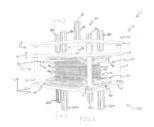
(43) Publication Date : 22/01/2016

(54) Title of the invention : APPARATUS FOR FOLDING A SHEET OF MATERIAL INTO A SUPPORT STRUCTURE

(51) International classification	:B21D5/00,B21D11/00,B29C53/00	(71)Name of Applicant : 1)TESSELLATED GROUP LLC
(31) Priority Document No	:61/682,702	Address of Applicant :3380 Atlas Peak Road Napa CA 94558,
(32) Priority Date	· · · · · · · · · · · · · · · · · · ·	U.S.A. U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
 (86) International Application No Filing Date (87) International Publication No 	:PCT/US2013/054813 :13/08/2013 :WO 2014/028544	1)GALE Gregory W.
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

Apparatus and methods for forming three dimensional structures from a sheet of material of a desired medium are described. Examples described include an apparatus for folding a sheet of material to create a folded structure the apparatus having a first and second array of creasing elements and at least one actuator for causing relative movement of the first and second array of creasing elements from a first position to a second position.



No. of Pages : 94 No. of Claims : 16

(19) INDIA

Number

Filing Date

Filing Date

(57) Abstract :

(22) Date of filing of Application :05/03/2015

(87) International Publication No

(61) Patent of Addition to Application

(62) Divisional to Application Number

(43) Publication Date : 22/01/2016

2)ALSALEEM Fadi M.

(54) Title of the invention : COMPRESS	OR HAVING A CONTRO	OL AND DIAGNOSTIC MODULE
(51) International classification	:F04B49/06,F24F11/02	(71)Name of Applicant :
(31) Priority Document No	:61/705373	1)EMERSON CLIMATE TECHNOLOGIES INC.
(32) Priority Date	:25/09/2012	Address of Applicant :1675 W. Campbell Road Sidney Ohio
(33) Name of priority country	:U.S.A.	45365 0669 U.S.A.
(86) International Application No	:PCT/US2013/061389	(72)Name of Inventor :
Filing Date	:24/09/2013	1)PHAM Hung M.

:WO 2014/052307

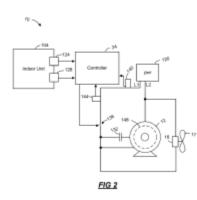
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A system and method includes a power supply that generates an alternating current power for powering a compressor with a capacitor a voltage sensor that measures voltage values based on the alternating current power a current sensor that measures current values based on the alternating current power and a controller. The controller communicates with the voltage sensor and the current sensor determines a power factor value based on at least one of the voltage values and at least one of the current values and determines a fault in the capacitor based on the power factor and at least one of the current values.



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

(19) INDIA

(22) Date of filing of Application :05/03/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : WIDE-ANGLE IMAGE CAPTURING LENS ASSEMBLY, IMAGE CAPTURING DEVICE AND VEHICLE 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 	:H04N 5/00 :103108193 :10/03/2014 :Taiwan :PCT// :01/01/1900 : NA :NA :NA :NA :NA :NA	Address of Applicant :No.11, Jingke Rd., Nantun Dist., Taichung City 408, Taiwan, R.O.C. Taiwan (72) Name of Inventor :
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(57) Abstract :

TITLE.: WIDE-ANGLE IMAGE CAPTURING LENS ASSEMBLY, IMAGE CAPTURING DEVICE AND VEHICLE DEVICE A wide-angle image capturing lens assembly includes, in order from an object side to an image side, a first lens element, a second lens element, a third lens element and a fourth lens element. The first lens element with negative refractive power has an image-side surface being concave in a paraxial region thereof. The second lens element with refractive power has an image-side surface being convex in a paraxial region thereof. The third lens element has positive refractive power. The fourth lens element with refractive power has an object-side surface being concave in a paraxial region thereof and an image-side surface being convex in a paraxial region thereof. The object-side surface and the image-side surface of the fourth lens element are aspheric. At least one of the object-side surface of the fourth lens element has at least one inflection point in an off-axis region thereof.

No. of Pages : 72 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :24/02/2015

(43) Publication Date : 22/01/2016

(51) International classification :B22D17/00 (71)Name of Applicant : (31) Priority Document No 1) ALUMINIO TECNO INDUSTRIALES ORINOCO C.A. :NA (32) Priority Date :NA Address of Applicant :Calle Boyaca EDIF. Centro de oficinas (33) Name of priority country uno piso 6 oficina 62 A Maracay Edo Aragua Venezuela :NA (86) International Application No :PCT/IT2012/000278 (72)Name of Inventor : Filing Date :12/09/2012 1)MEDOLAGO Albani Lucio (87) International Publication No :WO 2014/041569 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : PROCESS AND PLANT FOR PRODUCING COMPONENTS MADE OF AN ALUMINIUM ALLOY

FOR VEHICLES AND WHITE GOODS AND COMPONENTS OBTAINED THEREBY

(57) Abstract :

A plant and a process are disclosed for producing components made of an aluminium alloy for vehicles and white goods through the steps of: providing thixotropic billets made of an aluminium alloy; sizing the billets depending on a ratio between weight and size of the component to be produced thereby obtaining crop ends of material; heating the crop ends in a range of temperatures during which both a solid phase and a liquid phase coexist with a prevalence in the solid phase (more than 50%) in heating means (5); loading through loading means (9) the crop ends in an injecting vessel made of non magnetic steel for further workings; removing through scalping devices an external part of said crop ends that has become cooled when passing from the heating means (5) to the loading means (9); firstly injecting the crop ends through a press; secondly injecting the crop ends through the press in 18 milliseconds by using a closed loop control system and increasing the injection unit power with respect to a closing unit of the press; thirdly injecting the crop ends by coining the finished part in order to remove all porosities; extracting the molding through extracting means (13); depositing the molding onto a conveyor belt (15); and controlling a quality of the obtained molding the molding being then sent to downstream mechanical workings and/or an heat treatment.

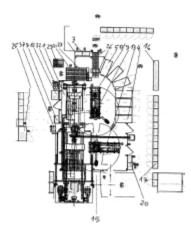


FIG.1

No. of Pages : 23 No. of Claims : 31

(19) INDIA

(22) Date of filing of Application :27/02/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : SUPPORTED CATALYST AND ACTIVE FORM THEREOF AND PREPARATION METHOD AND USE 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 	:PCT/CN2013/080898 :06/08/2013 :WO 2014/023220 :NA	 (71)Name of Applicant : 1)CHINA PETROLEUM & CHEMICAL CORPORATION Address of Applicant :22a Chaoyangmenbei Street Chaoyang District Beijing 100728 China China 2)BEIJING RESEARCH INSTITUTE OF CHEMICAL INDUSTRY CHINA PETROLEUM & CHEMICAL CORPORATION (72)Name of Inventor : 1)DAI Wei 2)JIANG Haibin 3)LU Shuliang 4)ZHANG Xiaohong
Filing Date	:NA	4)ZHANG Xiaohong 5)WANG Guoqing
(62) Divisional to Application Number Filing Date	:NA :NA	6)QIAO Jinliang 7)PENG Hui

(57) Abstract :

A supported catalyst and preparation method thereof the catalyst comprising an organic polymer material carrier and Raney alloy particles supported on the organic polymer material carrier; basically all of the Raney alloy grains are partially embedded in the organic polymer material carrier. The catalyst can be used in hydrogenation dehydrogenation amination dehalogenation or desulfurization reactions.



Fig 2

No. of Pages : 34 No. of Claims : 19

(21) Application No.468/MUMNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/03/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : NUTRITIONAL SUPPLEMENT CONTAINING IRON

(51) International classification:A61K36/06,A61K31/295,A23L1/28(31) Priority Document No (31) Priority Date:61/699623(32) Priority Date:11/09/2012(33) Name of priority country:U.S.A.(86) International Filing Date:PCT/AU2013/001028(87) International Publication No:WO 2014/040122(61) Patent of Addition to Filing Date:NA(62) Divisional to Filing Date:NA(62) Divisional to Filing Date:NA(61) Patent of Number Filing Date:NA(61) Patent of Addition Filing Date:NA(62) Divisional to Filing Date:NA(63) Divisional to Filing Date:NA(64) Patent of Number Filing Date:NA(65) Divisional to Filing Date:NA(65) Date:NA(65) Date:NA(66) Date:NA(7) Date:NA(7) Date:NA(7) Date<	 (71)Name of Applicant : 1)DAKOTA STAR CAPITAL LLC Address of Applicant :Food Sciences Building Iowa State University Ames IA 50011 U.S.A. (72)Name of Inventor : 1)WICKING J Bruce
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(57) Abstract :

A nutritional supplement containing fungal biomass having at least 100 mg/kg iron and processes for producing the nutritional supplement using filamentous fungi are described.

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

(19) INDIA

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

(43) Publication Date : 22/01/2016

(54) Title of the invention : SYNTHESIS AND INTERMEDIATES OF PYRROLOBENZODIAZEPINE DERIVATIVES FOR CONJUGATION

classification :A61K47/48,C07D487/04,C07D519/00 (31) Priority Document No:61/713083 (32) Priority Date :12/10/2012	 (71)Name of Applicant : SPIROGEN SRL Address of Applicant :c/o Michael Forer Rue Saint Pierre 2 CH 1003 Lausanne Switzerland (72)Name of Inventor : HOWARD Philip Wilson
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(57) Abstract :

A method of synthesing a compound of formula (I) from a compound of formula (III).

No. of Pages : 70 No. of Claims : 70

(19) INDIA

(22) Date of filing of Application :09/03/2015

(43) Publication Date : 22/01/2016

(51) International classification	:F16H37/08	(71)Name of Applicant :
(31) Priority Document No	:201420134840.2	1)LOROM INDUSTRIAL CO., LTD.
(32) Priority Date	:24/03/2014	Address of Applicant :Fl. 13, Rm. 2, No. 78, Sec. 2, An-Ho
(33) Name of priority country	:China	Rd, Taipei 10680, Taiwan Taiwan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)WANG, Ching-Feng
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : TRANSMISSION SYSTEM FOR AN ELECTRIC VEHICLE

(57) Abstract :

A transmission system for an electric vehicle includes a gearbox which produces different rotation ratio between a drive motor and drive wheels during running of the electric vehicle, a differential which serves to absorb a power of the gearbox to overcome rotation speed difference between the drive wheels, and two wheel axles which are used to deliver the power to the drive wheels from the differential, the gearbox has a housing which is connected to a vehicle frame of the electric vehicle via a universal coupling. When the electric vehicle runs on a bumpy road and makes a turn, the vehicle frame is able to swing up and down and pivot left and right with respect to the gearbox housing, so as to reduce the bounce of the vehicle and dampen the centrifugal force caused tilt or roll of the vehicle, thus improving driving comfort and stability.

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

(19) INDIA

(22) Date of filing of Application :14/07/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : NOVEL METHOD FOR SYNTHESIS OF NEUROMUSCULAR BLOCKING AGENTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (36) Name of priority country 	C07D401/12 :NA :NA :NA	 (71)Name of Applicant : 1)NEON LABORATORIES LTD. Address of Applicant :Damji Shamji Industrial Complex, Mahakali Caves Road, Andheri (East), Mumbai - 400093, Maharashtra, India. Maharashtra India (72)Name of Incention
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA : NA	1)DALVI, Mahesh Bhagoji 2)TAPADE, Brodeen Kisen
(87) International Publication No(61) Patent of Addition to Application Number	:NA :NA	2)TARADE, Pradeep Kisan
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention discloses a novel method for preparing neuromuscular blocking agents using aryl esters as a reagent of di-acylation as well as highly regioselective mono-acylation of androstane-diols.

No. of Pages : 18 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :27/02/2015

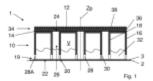
(43) Publication Date : 22/01/2016

(54) Title of the invention : CATTLE FLO	JOR	
(51) International classification	:A01K1/015	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PERMAVOID LIMITED
(32) Priority Date	:NA	Address of Applicant :Christopher House 94B London Road
(33) Name of priority country	:NA	Leicester LE2 0QS U.K.
(86) International Application No	:PCT/NL2012/050629	(72)Name of Inventor :
Filing Date	:07/09/2012	1)VAN RAAM Carolus Hermanus
(87) International Publication No	:WO 2014/038930	2)SHUTTLEWORTH Andrew Bryan
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)CULLETON Paul David
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention · CATTLE FLOOP

(57) Abstract :

Floor for animals such as cattle comprising a base structure and a top layer wherein the top layer is permeable to fluid portions of animal faeces and/or animal urine but impermeable to solid parts of the animal faeces wherein the base structure comprises voids for receiving said fluid portions and/or urine passing through the top layer wherein the base structure comprises an array base elements forming a substantially continuous deck supporting the top layer wherein the deck is arranged for passing said fluids into internal volumes of the base elements forming said voids the internal volumes of at least a number of said base elements being in fluid communication with each other preferably such that fluids received in said internal volumes can be removed from the base elements by flow through said internal volumes.



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

(22) Date of filing of Application :27/02/2015

(21) Application No.428/MUMNP/2015 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FO	OR SCREENING CANCE	ER
 (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 :NA :NA :NA	(71)Name of Applicant : 1)NATIONAL DEFENSE MEDICAL CENTER Address of Applicant :No.161 Sec.6 Minquan E.Rd. Neihu Dist. Taipei Taiwan 114 China (72)Name of Inventor : 1)LAI Hungcheng

(57) Abstract :

Disclosed in the present invention is a method for screening cancer comprising the following steps: (1) providing a specimen to be detected; (2) detecting the methylation status of CpG sequence of at least one target gene which is at least one of ADRA1D AJAP1 HS3ST2 MAGI2 POU4F2 POU4F3 PTGDR SOX17 and SYR9 in genomic DNA of the specimen; (3) determining whether cancer or precancerous lesions are present in the specimen according to the presence or absence of methylation status of at least one target gene.

No. of Pages : 64 No. of Claims : 47

(19) INDIA

(22) Date of filing of Application :05/03/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : COMPRESSOR ASSEMBLY WITH DIRECTED SUCTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:F04C18/02,F04C29/12,F04C29/00 :61/700625 :13/09/2012 :U.S.A.	 (71)Name of Applicant : 1)EMERSON CLIMATE TECHNOLOGIES INC. Address of Applicant :1675 W. Campbell Road Sidney Ohio 45365 0669 U.S.A. (72)Name of Inventor : 1)PEREVOZCHIKOV Michael M. 2)DOEPKER Roy J.
Filing Date (87) International Publication		3)PISCOPO Matthew Thomas 4)CAVENDER Eric P.
No	:WO 2014/043444	5)REID Brian L.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	6)GEHRET Kevin J. 7)TUMMINO Stephen Barry
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A compressor may include a shell assembly a compression mechanism and a conduit. The shell assembly may include a fitting through which fluid is received from outside of the compressor. The compression mechanism may be disposed within a chamber defined by the shell assembly. The conduit may extend through the chamber between the fitting and a suction inlet of the compression mechanism and transmit at least a portion of the fluid from the fitting to the suction inlet. The conduit may include an inlet that may be spaced apart from the fitting and an outlet that may engage the compression mechanism.

No. of Pages : 72 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :10/03/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : DOUBLE-EDGED SCRIBING WHEEL FOR CUTTING COATED GLASS

(51) International classification	:B26D3/08	(71)Name of Applicant :
(31) Priority Document No	:201410093936.3	1)Beijing Worldia Diamond Tools Co., Ltd.
(32) Priority Date	:13/03/2014	Address of Applicant :Roon H-03, 7-12 East 5F, 7 Building,
(33) Name of priority country	:China	No.1 Jiuxianqiao East Road, Chaoyang District, Beijing 100015,
(86) International Application No	:PCT//	China China
Filing Date	:01/01/1900	(72)Name of Inventor :
(87) International Publication No	: NA	1)TANG, Wenlin
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT TITLE.: DOUBLE-EDGED SCRIBING WHEEL FOR CUTTING COATED GLASS Disclosed is a double-edged scribing wheel for cutting coated glass, which comprises two disk faces on the two sides thereof and a center hole, wherein the outer circles of the two disk faces extend outward respectively to form a first slope and a second slope, and the outer circles of the first slope and the second slope extend outward to form a third slope and a fourth slope; the intersection line of the first and the third slopes and the intersection line of the second and the fourth slope form a primary cutting edge on the two disk faces respectively, and the intersection line of the third and the fourth slopes is a circumferential cutting edge, and the effective cutting part of the circumferential cutting edge forms a secondary cutting edge. According to different secondary cutting edges, double-edged scribing wheels may be divided into scribing wheels of which the secondary cutting edge is a circumferential full cutting edge without teeth, an intermittent cutting edge with V grooves or U grooves or a gear tooth-typed full cutting edge with grooves. The two cutting angles corresponding to the primary cutting edge and the secondary cutting edge are respectively used for cutting the film layer and the glass layer of coated glass. The double-edged scribing wheel of the invention is especially applicable for cutting high grade coated glass such as liquid crystal display (LCD) panel glass, etc. Figure of Abstract : Figure 3

No. of Pages : 20 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :19/07/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : Process for the preparation of Methyl (2R, 3S)-3-(4-Methoxyphenyl)Oxirane-2-Carboxylate

(51) International classification	:C12P7/40	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Unimark Remedies Ltd.
(32) Priority Date	:NA	Address of Applicant :Enterprise Center, 1st Floor, Off: Nehru
(33) Name of priority country	:NA	Road, Vile Parle (East), Mumbai- 400099, Maharashtra, India
(86) International Application No	:PCT//	Maharashtra India
Filing Date	:01/01/1900	(72)Name of Inventor :
(87) International Publication No	: NA	1)SHARMA, Ajendra Kumar
(61) Patent of Addition to Application Number	:NA	2)BARAD, Hitesh Ajabhai
Filing Date	:NA	3)ATTRI, Hariom Kumar
(62) Divisional to Application Number	:NA	4)SHIRSATH, Krishnarao Tukaram
Filing Date	:NA	5)CHAUHAN, Yogendra Kumar

(57) Abstract :

A PROCESS FOR THE PREPARATION OF METHYL (2R, 3S)-3-(4-METHOXYPHENYL) OXIRANE-2-CARBOXYLATE Abstract Of The Invention The present invention relates to a process for the preparation of optically pure glycidate ester such as methyl (2R, 3S)-3-(4-methoxyphenyl) oxirane-2-carboxylate of Formula I, which is key intermediate for the preparation of Diltiazem and Taxol side chain.

No. of Pages : 12 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :24/02/2015

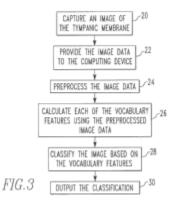
(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND APPARATUS FOR AIDING IN THE DIAGNOSIS OF OTITIS MEDIA BY CLASSIFYING TYMPANIC MEMBRANE IMAGES

(51) International classification (31) Priority Document No	:G06T7/00,A61B5/00 :61/679,348	(71)Name of Applicant : 1)UNIVERSITY OF PITTSBURGH OF THE
(32) Priority Date	:03/08/2012	COMMONWEALTH SYSTEM OF HIGHER EDUCATION
(33) Name of priority country	:U.S.A.	Address of Applicant :200 Gardner Steel Conference Center
(86) International Application No	:PCT/US2013/045123	Thackeray & OHara Streets Pittsburgh Pennsylvania 15260
Filing Date	:11/06/2013	U.S.A.
(87) International Publication No	:WO 2014/021994	2)CARNEGIE MELLON UNIVERSITY
(61) Patent of Addition to Application	:NA	(72)Name of Inventor :
Number	:NA :NA	1)HOBERMAN Alejandro
Filing Date	INA	2)KOVACEVIC Jelena
(62) Divisional to Application Number	:NA	3)SHAIKH Nader
Filing Date	:NA	4)KURUVILLA Anupama

(57) Abstract :

A method of aiding the diagnosis of otitis media in a patient includes obtaining image data in a processor apparatus of a computing device the image data being associated with at least one electronic image of a tympanic membrane of the patient calculating a plurality of image features each image feature being calculated based on at least a portion of the image data classifying the at least one electronic image as a particular type of otitis media using the plurality of image features and outputting an indication of the particular type of otitis media. Also a system for implementing such a method that includes an output device and a computing device.



No. of Pages : 33 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :05/03/2015

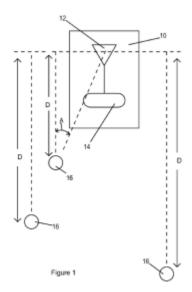
(43) Publication Date : 22/01/2016

(54) Title of the invention : AUTOMATIC CALL MUTING METHOD AND APPARATUS USING SOUND LOCALIZATION

(51) International classification	:H04M3/56,H04M1/60,H04R29/00	(71)Name of Applicant : 1)CHINTALA Sandeep Kumar
(31) Priority Document No	:1214369.9	Address of Applicant Flat 93 Aspects 1 Throwley Way Sutton
(32) Priority Date	:13/08/2012	Surrey SM1 4FD U.K. U.K.
(33) Name of priority country	:U.K.	(72)Name of Inventor :
 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:PCT/GB2013/052151 :13/08/2013 :WO 2014/027190 :NA :NA	1)CHINTALA Sandeep Kumar
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A mobile telephone device (10) comprises a microphone (20) and one or more spaced audio sensors (12) to sense the position and/or voice characteristics of one or more individual speakers (16). A mute control means (14) employs sound phase and/or sound time of arrival and/or sound loudness to create a map of the positions of individual speakers (16). The mute control means (14) identifies individual speaker (16) voice characteristics using one the other or both of audio signal analysis of the sound of individual speaker s voices; and use of voice CODEC analysis results for each individual speaker. A call may involve no sound muting may involve sound muting except for one individual speaker (16) or sound muting except for any one of a plurality of accepted individual speakers. A default individual speaker position immediately before and closest the microphone is provided. Positional tolerance for individual speakers of at least 5% to 10% is employed.



No. of Pages : 19 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :10/03/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : TENOFOVIR PRODRUG AND PHARMACEUTICAL USES THEREOF

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(57) Abstract :

The invention relates to a tenofovir prodrug and pharmaceutical uses thereof. In particular the invention relates to a compound as shown in general formula (I) and its isomer pharmaceutically acceptable salt hydrate or solvate as well as their uses in preparing drugs for treating viral infectious diseases especially HIV infection hepatitis B and diseases caused by hepatitis B virus the definition of each substituent in the general formula (I) being the same as the definition in the specification.

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

(19) INDIA

(22) Date of filing of Application :10/03/2015

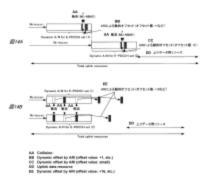
(43) Publication Date : 22/01/2016

(54) Title of the invention : WIRELESS COMMUNICATION TERMINAL BASE STATION DEVICE AND RESOURCE ALLOCATION METHOD

 classification (31) Priority Document No (32) Priority Date (33) Name of priority (34) Priority Date (35) International (36) International (37) Publication No (38) Publication Number (39) Publication Number (31) Publication Number (31) Publication Number (32) Divisional to (33) Annologia (19) Publication Number (34) Publication Number (36) Divisional to (37) Publication Number (38) Publication Publication Number 	H04W72/04,H04J13/18,H04W72/12 2012214981 27/09/2012 Japan PCT/JP2013/004160 04/07/2013 WO 2014/049917 NA NA NA	 (71)Name of Applicant : 1)PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA Address of Applicant :20000 Mariner Avenue Suite 200 Torrance CA 90503 U.S.A. (72)Name of Inventor : 1)TAKEDA Kazuki 2)SUZUKI Hidetoshi 3)HORIUCHI Ayako 4)OIZUMI Toru
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(57) Abstract :

A wireless communication terminal capable of increasing the utilization efficiency of ACK/NACK resources and suppressing unnecessary PUSCH band reduction while avoiding ACK/NACK collision in a system in which E PDCCH control information is transmitted. The wireless communication terminal has a configuration provided with: a reception unit for receiving a control signal including ARI via an E PDCCH set from among one or a plurality of E PDCCH sets; a control unit for determining an offset value indicated by the ARI on the basis of whether or not a resource region that may be taken by a dynamic ACK/NACK resource corresponding to the E PDCCH set that has received the control signal and a resource region that may be taken by a dynamic ACK/NACK resource corresponding to another E PDCCH set overlap and imparting an offset to the ACK/NACK resource according to the value of the ARI; and a transmission unit for transmitting the ACK/NACK signal using the determined ACK/NACK resource.



No. of Pages : 87 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :02/03/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : BOLT TENSION GAUGING DEVICE		
(51) International classification	:G01B	(71)Name of Applicant :
	13/00	1)KABO TOOL COMPANY Address of Amplicant No. 267, Deiveng Dd. Fengymen Dist.
(31) Priority Document No(32) Priority Date	:103203598	Address of Applicant :No.367, Beiyang Rd., Fengyuan Dist., Taichung City 420, Taiwan, R.O.C. Taiwan
(33) Name of priority country	:Taiwan	(72)Name of Inventor :
(86) International Application No	:PCT//	1)Chih-Ching HSIEH
Filing Date	:01/01/1900	
(87) International Publication No	: NA :NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT TITLE.: BOLT TENSION GAUGING DEVICE A bolt tension gauging device is provided. The bolt tension gauging device includes a sensing bolt, a head and a displayer. The sensing bolt is for transmitting a stress signal. The head is for fitting with the sensing bolt. The displayer is connected to the head for displaying the stress signal.

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

(19) INDIA

(22) Date of filing of Application :02/03/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHODS AND SYSTEMS FOR DELAYED NOTIFICATIONS IN COMMUNICATIONS NETWORKS

 (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 	:H04L12/58 :61/694,325 :29/08/2012 :U.S.A. :PCT/CA2013/000739 :27/08/2013 :WO 2014/032161 :NA :NA :NA :NA	 (71)Name of Applicant : 1)RIDESHARK CORPORATION Address of Applicant :2031 Merivale Road Ottawa Ontario K2G 1G7 Canada (72)Name of Inventor : 1)LEWINSON Tom Henrik 2)LEWINSON Sharon Elizabeth
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(57) Abstract :

Communications is the exchange of thoughts messages or information. However whilst immense investments into evolving communications infrastructure supporting multiple communications channels have been made the vast majority of communications models standards and developments focus to the transmission of the message as a single process with other aspects of the communications channel are considered simply delays in the communications channel. However it would be beneficial to provide enhancements to such communications channels to provide additional information to the sender with respect to the delivery to and recovery by the recipient of the message such that not only do they have the option to elect to receive a delivery notification in communications systems that today do not provide such information but that in these systems and those supporting delivery notifications increased information is provided to the user allowing them to ascertain or estimate the recipient s absorption / reading of the message.

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

(19) INDIA

(22) Date of filing of Application :25/02/2015

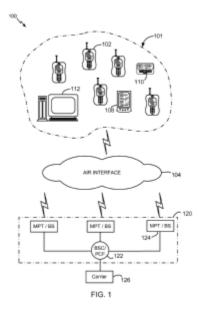
(43) Publication Date : 22/01/2016

(51) International classification	:G06F3/01	(71)Name of Applicant :
(31) Priority Document No	:13/625,543	1)QUALCOMM INCORPORATED
(32) Priority Date	:24/09/2012	Address of Applicant : Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 U.S.A.
(86) International Application No	:PCT/US2013/060309	(72)Name of Inventor :
Filing Date	:18/09/2013	1)KRISHNAN Kulathumani
(87) International Publication No	:WO 2014/047118	2)WHITE Jr. John Alexander
(61) Patent of Addition to Application	:NA	3)MAGGENTI Mark A.
Number		4)KERGER Kameron
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alastra et :		L

(54) Title of the invention : DATA BASED ON SOCIAL TEMPORAL AND SPATIAL PARAMETERS

(57) Abstract :

In an embodiment a client device receives a query that specifies social temporal and spatial parameters relative to a set of users (e.g. a source user or source user group). The client device determines degrees to which the specified parameters are related to a group of target users in social temporal and spatial dimensions. The client device also determines an expected availability of one or more target users for interaction (e.g. interaction via particular types of communication session types such as voice video text etc.). The client device performs a processing function on at least one data object associated with the group of target users based on (i) whether the determined degrees of relation satisfy the specified parameters of the query and (ii) the expected availability of the one or more target users in the group of target users.



No. of Pages : 110 No. of Claims : 29

(21) Application No.500/MUMNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/03/2015

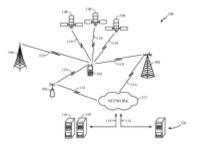
(43) Publication Date : 22/01/2016

(51) International classification	:H04W64/00,G01S5/02	(71)Name of Applicant :
(31) Priority Document No	:13/630730	1)QUALCOMM INCORPORATED
(32) Priority Date	:28/09/2012	Address of Applicant :ATTN: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(86) International Application No	:PCT/US2013/061262	(72)Name of Inventor :
Filing Date	:24/09/2013	1)PALANKI Ravi
(87) International Publication No	:WO 2014/052252	2)CHAO Hui
(61) Patent of Addition to Application	:NA	3)DAS Saumitra Mohan
Number	:NA :NA	4)GUPTA Rajarshi
Filing Date	.INA	5)KHORASHADI Behrooz
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : TECHNIQUES FOR FASTER TIME TO FIRST FIX

(57) Abstract :

Example methods apparatuses or articles of manufacture are disclosed herein that may be utilized in whole or in part to facilitate or support one or more operations or techniques for a relatively faster time to first fix such as for use in or with a mobile communication device. Briefly in accordance with at least one implementation a method may include transmitting a first message to a mobile device the first message comprising abbreviated positioning assistance data; receiving a second message from the mobile device the second message comprising an indication of a coarse location of the mobile device; and transmitting a third message to the mobile device the third message comprising a detailed tiled radio heat map obtained based at least in part on the received indication of the coarse location of the mobile device.



No. of Pages : 49 No. of Claims : 47

(19) INDIA

(22) Date of filing of Application :25/02/2015

(54) Title of the invention : POWER TRAIN FOR CONTINUOUSLY VARIABLE POWER TRANSMISSION

	:B61L	(71)Name of Applicant :
(51) International classification	15/00	1)DEERE & COMPANY
(31) Priority Document No	:14/255722	Address of Applicant :ONE JOHN DEERE PLACE,
(32) Priority Date	:17/04/2014	MOLINE, ILLINOIS, 61265-8098, USA U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)SMEMO ALFRED S
Filing Date	:NA	2)PUETZ CRAIG A
(87) International Publication No	: NA	3)EASTMAN BRITON T
(61) Patent of Addition to Application Number	:NA	4)EIKE CRAIG R
Filing Date	:NA	5)LOVE GALEN R
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A power train and related vehicle are described for continuously variable transmission of power. A gear set includes first and second input components and an output component. An engine provides mechanical power to the first input component and, when a clutch device is in a first state, to a first continuously variable power source (CVP). With the clutch device in a second state, the first CVP is decoupled from the engine. A second CVP receives non-mechanical power from the first CVP, and converts the non-mechanical power to mechanical power. When a brake device is not engaged, the second CVP provides the resulting mechanical power to the second input component. When the brake device is engaged, the brake device prevents the second input component from rotating.

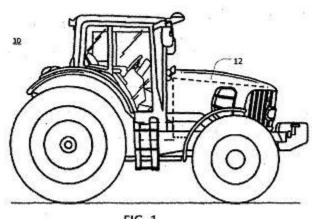


FIG. 1 No. of Pages : 22 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :17/07/2014

(54) Title of the invention : PROCESS FOR HYDROLYSIS OF STARCH BASED FEEDSTOCKS

 (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 	:C12P7/10 :NA :NA :NA	 71)Name of Applicant : 1)PRAJ INDUSTRIES LIMITED Address of Applicant :PRAJ TOWER, 274-275, BHUMKAR CHOWK, HINJEWADI ROAD, HINJEWADI, PUNE - 411057, NDIA. Maharashtra India 72)Name of Inventor : 1)SURENDRA SATISH KALE 2)MAHESH DEVIDAS BADGUJAR 3)MAHESH NANDAKUMAR WAVIKAR 4)SANDIP VISHNU MORE 5)PRAMOD SHANKAR KUMBHAR 6)MAHESH AVINASH KULKARNI 7)KAILASH NARAYAN DHUMAL 8)GHANSHYAM BABURAO DESHPANDE
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(57) Abstract :

The invention relates to a process for efficient hydrolysis of starch present in starchy feedstocks by direct treatment with an acid under control conditions to obtain glucose for ethanol fermentation. More particularly the process relates to using an acid in specific conditions to achieve maximum partial hydrolysis of starch without the need of any endo-amylases to convert the long starch fibres into smaller oligomers.

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

(19) INDIA

(22) Date of filing of Application :17/07/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : A PROCESS FOR MODIFYING A HETEROGENEOUS CATALYST WITH A CHEMICAL COMPOUND, SYSTEM AND COMPOUNDS 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 	:B01J8/06, C07C51/215 :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 400 021, Maharashtra, India Maharashtra India (72)Name of Inventor : 1)CHUDASAMA CHINTANSINH DHARMENDRASINH 2)SACHIN RAWALEKAR 3)SUNIL AGRAHARI 4)KALPANA GOPALAKRISHNAN 5)KATRAVULAPALLI VEERA VENKATA SATYA BHASKARA SITA RAMA MURTHY 6)AJAY KUMAR
(62) Divisional to Application Number Filing Date	:NA :NA	6)AJAY KUMAR 7)ANILKUMAR METTU
		8)NAGESH SHARMA 9)RAKSH VIR JASRA

(57) Abstract :

A PROCESS FOR MODIFYING A HETEROGENEOUS CATALYST WITH A CHEMICAL COMPOUND, A

HETEROGENEOUS CATALYST AND SYSTEM THEREOF • ABSTRACT [001] The present disclosure relates to a process and system for modifying heterogeneous catalysts by contacting them with chemical compounds. Specifically, the present disclosure relates to an easy and convenient process for surface functionalizing of a heterogeneous catalyst such as polymetallic catalyst including bimetallic catalyst by employing precursor of inorganic compound, wherein the precursor is organometallic compound and wherein the inorganic compound includes but is not limited to a metal based inorganic compound such as aluminium oxide. The present disclosure thus provides for easy and convenient process and system for surface modification/functionalization of heterogeneous catalysts by employing precursor of inorganic compound at conditions including but not limiting to room temperature and atmospheric pressure.

No. of Pages : 32 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :17/07/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : POWER CABLES		
(51) International classification	:H02G9/02, H02G5/02	(71)Name of Applicant : 1)FINOLEX CABLES LTD.
(31) Priority Document No	:NA	Address of Applicant :26/27 Mumbai Pune Road, Pimpri,
(32) Priority Date	:NA	Pune 411018, Maharashtra, India Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:PCT//	1)CHHABRIA DEEPAK KISHEN
Filing Date	:01/01/1900	2)PUNDLIK CHANDRASHEKHAR BHALCHANDRA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:2303/MUM/2008	
Filed on	:01/01/1900	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alestreat		l

(57) Abstract :

The present disclosure discloses a power cable. The power cable comprises a plurality of conductors, an insulation and a sheath. Each conductor has at least one aluminium core clad with a copper layer. Insulation is concentrically applied around the plurality of conductors to form an insulated conductor. The sheath encloses the insulated conductor there-within. Fig.1

No. of Pages : 21 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION (19) INDIA

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

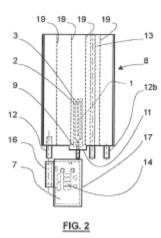
(43) Publication Date : 22/01/2016

(54) Title of the invention : ASSEMBLY FORMED FROM A WATER HEATER COMPRISING A HEATING BODY COMPRISING A VOLUME OF WATER AND AT LEAST ONE GENERATOR OF AN INDUCTIVE MODULE DEDICATED TO AN ELECTRICAL APPLIANCE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application 	:F24D19/10,F24H1/18,F24H9/20 :12 57789 :13/08/2012 :France	 (71)Name of Applicant : 1)WINSLIM Address of Applicant :26 Rue Glesener L 1630 Luxembourg (72)Name of Inventor :
No Filing Date (87) International Publication No	:PCT/EP2013/066428 :05/08/2013 o:WO 2014/026879	1)GASPARD Jean Yves
 (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 concerns an assembly formed from a water heater comprising a heating body comprising a volume of water and at least one power generator of an inductive device dedicated to an electrical appliance. The assembly is characterised in that it comprises means (11 2 16 17) for exchanging heat between said at least one generator (7) and an area through which water travels towards or into the heating body of the water heater (8). Application in the field of domestic electrical appliances in particular water heaters.



No. of Pages : 33 No. of Claims : 14

(21) Application No.462/MUMNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/03/2015

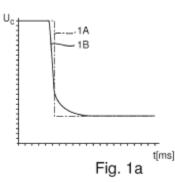
(43) Publication Date : 22/01/2016

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(51) International classification	:G01F1/60	(71)Name of Applicant :
(31) Priority Document No	:10 2012 107 534.4	1)ENDRESS+HAUSER FLOWTEC AG
(32) Priority Date	:16/08/2012	Address of Applicant : Kgenstrasse 7 CH 4153 Reinach
(33) Name of priority country	:Germany	Switzerland
(86) International Application No	:PCT/EP2013/065778	(72)Name of Inventor :
Filing Date	:26/07/2013	1)STINGELIN Simon
(87) International Publication No	:WO 2014/026841	2)BUDMIGER Thomas
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
	.11/1	

(54) Title of the invention : MAGNETIC INDUCTIVE FLOWMETER

(57) Abstract :

A magnetic inductive flowmeter comprising a coil arrangement and a circuit for controlling a supply voltage of the coil arrangement wherein the circuit is designed to operate the supply voltage of the coil arrangement according to the following voltage profile: A) rise in the voltage from a start voltage I up to an overvoltage II; B) if appropriate holding the voltage at the overvoltage II; C) fall from the overvoltage II to a holding voltage V; wherein the circuit controls the fall in voltage from the overvoltage to the holding voltage by setting the voltage to at least two or more predefined intermediate desired values III IV.



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

(19) INDIA

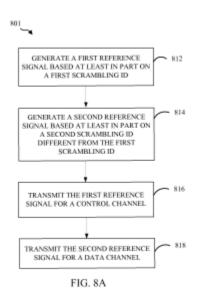
(22) Date of filing of Application :11/03/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : REFERENCE SIGNALS FOR AN ENHANCED PHYSICAL DOWNLINK CONTROL CHANNEL (71)Name of Applicant : (51) International classification :H04L27/26 (31) Priority Document No 1)QUALCOMM INCORPORATED :61/711143 (32) Priority Date :08/10/2012 Address of Applicant :ATTN: International IP Administration (33) Name of priority country :U.S.A. 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. (86) International Application No :PCT/US2013/060742 (72)Name of Inventor : Filing Date :19/09/2013 1)LUO Tao (87) International Publication No :WO 2014/058594 2)CHEN Wanshi (61) Patent of Addition to Application **3)GAAL Peter** :NA Number 4)XU Hao :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A method of wireless communication includes generating a first reference signal (e.g. DM RS) based on a first scrambling identifier. The method also includes generating a second reference signal (e.g. DM RS) based on a second scrambling identifier. The second scrambling identifier is different from the first scrambling identifier. The method further includes transmitting the first reference signal for a control channel (e.g. EPDCCH) and transmitting the second reference signal for a data channel (e.g. PDSCH).



No. of Pages : 49 No. of Claims : 50

(19) INDIA

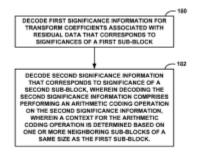
(22) Date of filing of Application :11/03/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : CONTEXT DERIVATION FOR CONTEXT ADAPTIVE MULTI LEVEL SIGNIFICANCE CODING			
 (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 	:H04N7/26 :61/706035 :26/09/2012 :U.S.A. :PCT/US2013/061890 :26/09/2013 :WO 2014/052567 :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 U.S.A. (72)Name of Inventor : 1)KARCZEWICZ Marta 2)SOLE ROJALS Joel 3)GUO Liwei 	

(57) Abstract :

A device for coding video data includes a video coder configured to code first significance information for transform coefficients associated with residual data wherein the first significance information indicates if a first sub block comprises at least one non zero coefficient wherein the first sub block is a sub block of an entire transform block; and code second significance information wherein the second significance information indicates if a second sub block comprises at least one non zero coefficient wherein the second sub block wherein coding the second significance information comprises performing an arithmetic coding operation on the second significance information wherein a context for the arithmetic coding operation is determined based on one or more neighboring sub blocks of a same size as the first sub block.



No. of Pages : 53 No. of Claims : 30

(19) INDIA

(22) Date of filing of Application :24/02/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : A SYSTEM AND METHOD FOR STIMULATING WELLS DEPOSITS AND BOREHOLES USING THE PLASMA 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 Filing Date 	:61/676,411 :27/07/2012 :U.S.A.	 (71)Name of Applicant : NOVAS ENERGY GROUP LIMITED Address of Applicant :1701 Commerce St 2nd Floor Houston Texas 77002, U.S.A. U.S.A. (72)Name of Inventor : AGEEV P. G. MOLCHANOV A. A.
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(57) Abstract :

A plasma source for generating nonlinear wide band periodic directed elastic oscillations in a fluid medium. The plasma source includes a plasma emitter having two electrodes defining a gap a delivery device for introducing a metal conductor into the gap and a high voltage transformer for powering the plasma emitter. A system and method for stimulating wells deposits and boreholes through controlled periodic oscillations generated using the plasma source. The system includes the plasma source a ground control unit and a support cable. In the method the plasma source is submerged in the fluid medium of a well deposit or borehole and is used to create a metallic plasma in the gap. The metallic plasma emits a pressure pulse and shockwaves which are directed into the fluid medium. Nonlinear wide band periodic and elastic oscillations are generated in the fluid medium including resonant oscillations by passage of the shockwaves.

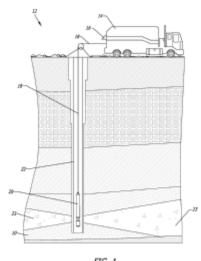


FIG. 1 No. of Pages : 68 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :07/03/2015

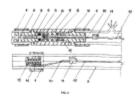
(43) Publication Date : 22/01/2016

(54) Title of the invention : VALVE WITH ECONOMY DEVICE AND GAS FLOW INTERRUPTION IN CASE OF FIRE ON THE HOSE

(51) International classification	n:A62C4/02,F16K17/36,F16K17/38	(71)Name of Applicant :
(31) Priority Document No	:BR2020120199322	1)GON‡ALVES DOS REIS Devadir
(32) Priority Date	:09/08/2012	Address of Applicant :Estrada Formosa n.258 CEP:87550 000
(33) Name of priority country	:Brazil	Alt´nia/PR Brazil
(86) International Application No Filing Date	:PCT/BR2013/000270 :25/07/2013	(72)Name of Inventor : 1)GON‡ALVES DOS REIS Devadir
(87) International Publication No	:WO 2014/022899	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A valve with economy device and gas flow interruption in case of fire on the hose comprising a metallic ring with a flow and economy device placed inside the end of the hose fixed by an aluminum ring with a flow regulating valve and male bolt that attaches to a cylindrical tube with a female bolt and attached to a long burner with a hole for gas to flow. Inside the cylindrical tube there is a needle with a protuberance and hole and a seal ring on the conic needle with a hole and over those a pressure spring strained by a galvanized wire passing through the hole on the needle. On the upper end of the galvanized wire a pressure glove is attached to a nylon string that runs through the inside of the hose until the upper end.



No. of Pages : 7 No. of Claims : 1

(19) INDIA

(22) Date of filing of Application :26/02/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD, PROCESSING DEVICE AND PROCESSING LINE FOR MECHANICALLY PROCESSING AN ORGAN OR ORGANS TAKEN OUT FROM SLAUGHTERED POULTRY

(51) International classification(31) Priority Document No	:A22C 21/00 :2012466	 (71)Name of Applicant : 1)Meyn Food Processing Technology B.V. Address of Applicant :Westeinde 6, NL-1511 MA
(32) Priority Date(33) Name of priority country		OOSTZAAN, the Netherlands. Netherlands (72) Name of Inventor :
(86) International Application No	:PCT//	1)Busch, Cornelis
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 :

Method and processing device for processing an organ pack-age taken out from slaughtered poultry, using at least two cooperating rollers that define a nip between said rollers for selectively allowing preselected organs from said organ package to pass through said nip, which rollers during op-eration rotate in opposite directions in order to convey the organ package and simultaneously promote that said preselected organs pass through said nip, wherein the rollers have a cross-sectional diameter, the value of which varies as seen in the longitudinal direction of the rollers and depends on the location of the cross-section between an entrance portion and an exit portion of said rollers so as to provide each of the rollers with a superficial curved contour.

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

(19) INDIA

(22) Date of filing of Application :26/02/2015

(43) Publication Date : 22/01/2016

(51) International classification	:A61K31/44	(71)Name of Applicant :
(31) Priority Document No	:61/693,731	1)UNIVERSITY OF TENNESSEE RESEARCH
(32) Priority Date	:27/08/2012	FOUNDATION
(33) Name of priority country	:U.S.A.	Address of Applicant :Suite 827 910 Madison Avenue
(86) International Application No	:PCT/US2013/056911	Memphis Tennessee 38163 U.S.A.
Filing Date	:27/08/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2014/036038	1)PATIL Renukadevi
(61) Patent of Addition to Application	:NA	2)FELLS James
Number	:NA :NA	3)MILLER Duane
Filing Date	.NA	4)TIGYI Gabor
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A 1		

(54) Title of the invention : LPA2 RECEPTOR SPECIFIC BENZOIC ACID DERIVATIVES

(57) Abstract :

Disclosed are compounds effective for inhibiting cellular apoptosis and for protecting cells and tissues from the apoptotic effects of chemotherapeutic agents and/or ionizing radiation. Compounds of the invention act as agonists of the LPA receptor. Compounds of the invention comprise non lipid benzoic acid derivatives.

No. of Pages : 73 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :04/03/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : WAVE ENERGY CONVERTER		
 (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 	:F03B13/14,F03B13/24,E02B9/08 :GB1213884.8 :04/08/2012 :U.K. :PCT/EP2013/002266 :31/07/2013 :WO 2014/023401 :NA :NA :NA	 (71)Name of Applicant : 1)HAVKRAFT AS Address of Applicant :P.O. Box 1065 N 6704 Deknepollen Norway (72)Name of Inventor : 1)GEIR Arne Solheim

(57) Abstract :

A wave energy converter (10) is operable to convert energy conveyed in ocean waves propagating in a wave propagation direction (40) in an ocean environment and received at the converter (10) into generated power. The converter (10) includes a plurality of columns (20) which are in fluidic communication via corresponding ports (50) to the ocean waves received at the converter (10). The ports (50) are arranged substantially in series along the wave propagation direction (40) and the ports (50) are of progressively greater depth into the ocean environment along the wave propagation direction (40) so as to cause the ocean waves to propagate in a downwardly directed manner (45) when received at the ports (50). The plurality of columns (20) are arranged so that that their elongate axes are substantially aligned along a first direction and that the ports (50) have corresponding port angels (T) relative to the first direction which are progressively larger as the ports (50) are of progressively greater depth. Alternatively the plurality of columns (20) are arranged so that that their elongate axes are substantially aligned along a first direction which are progressively maller as the ports (50) are of progressively greater depth. Alternatively the plurality of columns (20) are arranged so that that their elongate axes are substantially aligned along a first direction which are progressively maller as the ports (50) are of progressively greater depth. State the ports (50) have corresponding port angels (T) relative to the first direction which are progressively smaller as the ports (50) are of progressively greater depth.

No. of Pages : 40 No. of Claims : 15

(19) INDIA

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

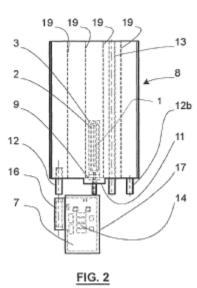
(43) Publication Date : 22/01/2016

(54) Title of the invention : DEVICE FOR THE INDUCTION HEATING OF A WATER HEATER AND WATER HEATER PROVIDED WITH 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 (62) Divisional to Application Number Filing Date 	:12 57790 :13/08/2012 :France :PCT/EP2013/066427 :05/08/2013 :WO 2014/026878 :NA :NA :NA	 (71)Name of Applicant : WINSLIM Address of Applicant :26 Rue Glesener L 1630 Luxembourg (72)Name of Inventor : GASPARD Jean Yves
Filing Date	:NA	

(57) Abstract :

The present invention concerns a device for the induction heating of a water heater and a water heater provided with such a device. The water heater (8) is characterised in that the heating means (2 4 5 7) comprise a power generator (7) and an inductive module formed from at least one inductor (2) and at least one load the inductor (2) being configured to generate a current induced in the load the inductor (2) and at least one load being submerged in the volume of water to be heated. Application in the field of domestic or professional water heaters.



No. of Pages : 30 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :15/07/2014

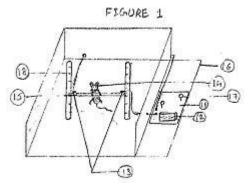
(43) Publication Date : 22/01/2016

(54) Title of the invention : AN ANIMAL MODEL USEFUL TO DETERMINE EXTRA PYRAMIDAL EFFECT INDUCED BY THE DRUGS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61B5/00 :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)ARIHANT KUMAR SINGH Address of Applicant :B-70, JAY YOGESHWAR TOWNSHIP PART-1, NEAR BYPASS, AJWA ROAD, VADODARA-390019, GUJARAT, INDIA. Gujarat India 2)SAPNA DESAI
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)ARIHANT KUMAR SINGH
Filing Date	:NA	2)SAPNA DESAI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is an instrument for laboratory experiment which is used in the screening and evaluation of various categories of drugs (which acts on central nervous system) whose effects or side effects targets the muscles and renders it in relaxed position or the loss of voluntary movement or the muscles get stiff because of that animals can't move and remain in their position like statue or which are used to treat extra pyramidal effects. Therefore this invention is used for the determination of onset and duration of action of above notified drugs and conditions by the use of sensors which detects movement of the animal and accurately shows the time duration of each movement by which we conclude the efficiency of drugs to target or treat the above conditions. Therefore this invention can be used for study or evaluation of new drugs in pre-clinical trials and thus can be used for new drug discovery system.



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

(19) INDIA

(22) Date of filing of Application :28/10/2014

(43) Publication Date : 22/01/2016

(51) International classification	:H03M13/19, H03M13/31	(71)Name of Applicant :
(31) Priority Document No	:61/898, 415	1)Samsung Display Co., Ltd.
(32) Priority Date	:31/10/2013	Address of Applicant :95, Samsung 2 Ro, Giheung-Gu,
(33) Name of priority country	:U.S.A.	Yongin-City, Gyeonggi-Do, Korea. Republic of Korea
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JALIL KAMALI
(87) International Publication No	: NA	2)Ken HU
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : MAXIMAL TRANSITION HAMMING CODES

(57) Abstract :

An encoder includes: an input configured to receive a plurality of data bits; a processor configured to encode the data bits utilizing a Hamming encoding operation to generate a plurality of coded bits; and an output configured to output the plurality of coded bits, wherein the processor is configured to reduce a maximum run length of the plurality of coded bits in comparison to coded bits corresponding to standard Hamming code.

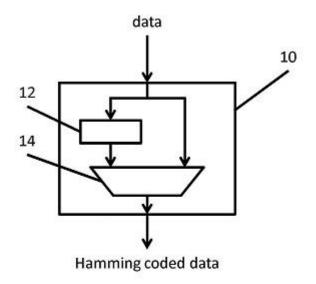


FIG. 1

No. of Pages : 34 No. of Claims : 19

(21) Application No.455/MUMNP/2015 A

(19) INDIA

(22) Date of filing of Application :03/03/2015

(43) Publication Date : 22/01/2016

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:1214316.0 :10/08/2012 :U.K.	 (71)Name of Applicant : 1)TOROTRAK (DEVELOPMENT) LTD Address of Applicant :1 Aston Way Leyland Lancashire PR26 7UX U.K. (72)Name of Inventor :
 (80) International Application 100 Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:09/08/2013 :WO 2014/023832 :NA :NA	1)WINTER Philip 2)GREENWOOD Christopher
Filing Date	:NA	

(54) Title of the invention : INFINITELY VARIABLE TRANSMISSION FOR A VEHICLE

(57) Abstract :

An infinitely variable transmission system is disclosed. The system comprises an input shaft(10) and an output shaft (14). The transmission is operative to transmit rotational drive between the input shaft (10) and the output shaft(14). The transmission includes a variator (20) that can transmit drive at a continuously variable ratio between a minimumvariator ratio and a maximum variator ratio. The transmission can operate a low speed regime and in a high speed regime. The transmission is operative in the low speed regime at a neutral low regime variator ratio the transmission and at a maximum low regime variator ratio the output of the transmission is stationary irrespective of the speed of the input of the transmission at a maximum low regime transmission ratio. In the high speed regime at a minimum high regime variator ratio the output of the transmission is driven from the input of the transmission at a maximum high regime variator ratio the output of the transmission is driven from the input of the transmission at a maximum high regime transmission at a maximum high regime transmission ratio.

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

(22) Date of filing of Application :05/03/2015

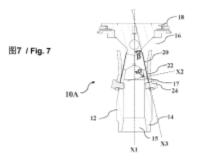
(43) Publication Date : 22/01/2016

(51) International classification	:F04C29/12,F04C18/02	(71)Name of Applicant :
(31) Priority Document No	:201210341677.2	1)EMERSON CLIMATE TECHNOLOGIES (SUZHOU)
(32) Priority Date	:14/09/2012	CO. LTD.
(33) Name of priority country	:China	Address of Applicant :No. 69 Suhongxi Street Suzhou
(86) International Application No	:PCT/CN2013/078898	Industrial Park Jiangsu 215021 China
Filing Date	:05/07/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2014/040449	1)PEREVOZCHIKOV Michael M.
(61) Patent of Addition to Application	:NA	2)HODAPP Thomas R.
Number	:NA :NA	3)FANG Zhigang
Filing Date	INA	4)LIU Qiang
(62) Divisional to Application Number	:NA	5)LI Hongshan
Filing Date	:NA	-
		l

(54) Title of the invention : EXHAUST VALVE AND COMPRESSOR COMPRISING SAME

(57) Abstract :

Disclosed is an exhaust valve (10A 10B 10C 10D 10E) comprising a valve body (12) wherein the first end of the valve body is provided with a fluid inlet (15); the sidewall of the valve body is provided with at least one fluid outlet (17) in fluid communication with the fluid inlet (15) and a valve flap (20) for opening or closing the fluid outlet; and the axis direction of the fluid outlet (17) is inclined relative to that of the fluid inlet (15). Further disclosed is a compressor comprising the above mentioned exhaust valve. The exhaust valve has a relatively low fluid resistance and is able to significantly reduce the pressure drop in the compressor due to the exhaust valve so that the operating efficiency of the compressor is increased.



No. of Pages : 32 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :03/03/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : ANNULAR OPTICAL SPACER AND OPTICAL LENS 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 Filing Date 	:E06B1/00 :103203742 :05/03/2014 :Taiwan :PCT// :01/01/1900 : NA :NA :NA :NA :NA	Address of Applicant :No.11, Jingke Rd., Nantun Dist., Taichung City 408, Taiwan, R.O.C. Taiwan (72) Name of Inventor :
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(57) Abstract :

ABSTRACT TITLE.: ANNULAR OPTICAL SPACER AND OPTICAL LENS SYSTEM An annular optical spacer includes an outer annular surface, an inner annular surface, a first side surface, a second side surface and a plurality of protruding structures. The inner annular surface surrounds a central axis of the annular optical spacer and is opposite to the outer annular surface. The first side surface connects the outer annular surface with the inner annular surface. The second side surface connects the outer annular surface with the inner annular surface. The protruding structures are regularly disposed on the inner annular surface. Each of the protruding structures extends along a direction from the first side surface to the second side surface and is integrated with the inner annular surface.

No. of Pages : 45 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :10/03/2015

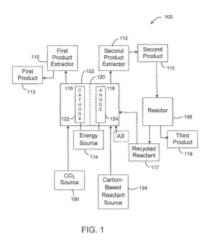
(43) Publication Date : 22/01/2016

(54) Title of the invention : ELECTROCHEMICAL CO PRODUCTION OF PRODUCTS WITH CARBON BASED REACTANT FEED TO ANODE

 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:05/08/2013	 (71)Name of Applicant : 1)LIQUID LIGHT INC. Address of Applicant :11 Deer Park Drive Suite 121 Monmouth Junction NJ 08852 U.S.A. (72)Name of Inventor : 1)TEAMEY Kyle 2)KACZUR Jerry J.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present disclosure is a system and method for producing a first product from a first region of an electrochemical cell having a cathode and a second product from a second region of the electrochemical cell having an anode. The method may include a step of contacting the first region with a catholyte comprising carbon dioxide. The method may include another step of contacting the second region with an anolyte comprising a recycled reactant and at least one of an alkane haloalkane alkene haloalkene aromatic compound haloaromatic compound heteroaromatic compound or halo heteroaromatic compound. Further the method may include a step of applying an electrical potential between the anode and the cathode sufficient to produce a first product recoverable from the first region and a second product recoverable from the second region.



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

(19) INDIA

(22) Date of filing of Application :10/03/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : ELECTROCHEMICAL CO PRODUCTION OF CHEMICALS WITH SULFUR BASED REACTANT FEEDS TO ANODE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C01B17/76,C25B1/22,C25B7/00 :61/703231 :19/09/2012 :U.S.A.	 (71)Name of Applicant : 1)LIQUID LIGHT INC. Address of Applicant :11 Deer Park Drive Suite 121 Monmouth Junction NJ 08852 U.S.A.
 (86) International Application No Filing Date (87) International Publication No 	:PCT/US2013/053587 :05/08/2013 :WO 2014/046795	(72)Name of Inventor :1)KACZUR Jerry J.2)TEAMEY Kyle
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

A system and method produces a first product from a first region of an electrochemical cell having a cathode and a second product from a second region of the electrochemical cell having an anode. The method may include a step of contacting the first region with a catholyte comprising carbon dioxide. The method may include another step of contacting the second region with an anolyte comprising a sulfur based reactant. Further the method may include a step of applying an electrical potential between the anode and the cathode sufficient to produce a first product recoverable from the first region and a second product recoverable from the second region. An additional step of the method may include removing the second product and an unreacted sulfur based reactant from the second region.

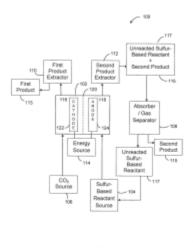


FIG. 1A

No. of Pages : 44 No. of Claims : 30

(21) Application No.474/MUMNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/03/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : SYSTEM AND METHOD OF CONTROLLING EXTERNAL APPARATUS CONNECTED WITH 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 	:H04Q9/00,H04W88/02 :1020120099739 :10/09/2012 :Republic of Korea :PCT/KR2013/008143 :10/09/2013 :WO 2014/038916 :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 (72)Name of Inventor : 1)SHIN Hang sik 2)KO Jae woo 3)PARK Se jun
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(57) Abstract :

A method of controlling an external apparatus connected with a device includes: providing user input information used to determine a user s intention; identifying an external apparatus controllable by a device; providing apparatus information of the identified external apparatus; receiving control information about the external apparatus which is generated based on the based on the user s intention and the apparatus information; and transmitting a control command to the external apparatus which is generated based on the received control information.

No. of Pages : 45No. of Claims : 15

(22) Date of filing of Application :25/02/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : MAGNETIC	FLOWMETER	1
(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G01F1/58 :13/630,600 :28/09/2012 :U.S.A.	 (71)Name of Applicant : 1)ROSEMOUNT INC. Address of Applicant :8200 Market Boulevard Chanhasser MN 55317, U.S.A. U.S.A.
 (86) International Application No Filing Date (87) International Publication No 		(72)Name of Inventor : 1)SMITH Joseph Alan 2)ROGERS Steven Bruce
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)MAYER Michael John 4)MORALES Nelson Mauricio 5)JUNK Brian Scott
(62) Divisional to Application Number Filing Date	:NA :NA	

CNETIC EL OWMETED (CA) (T) (1

(57) Abstract :

A magnetic flowmeter (300) for sensing process fluid flow is provided. The flowmeter includes a tube (200 319) configured to receive the process fluid flow therethrough. A plurality of electrodes (216) is disposed to contact process fluid. At least one electromagnetic coil (210 212) is disposed proximate the tube (200 319). Flowmeter electronics (130 148) are configured to drive a current through at least one electromagnetic coil and to sense a signal developed across a plurality of electrodes (216) disposed to contact process fluid. A flexible circuit module (220) is disposed proximate the tube and has at least one flexible circuit containing a plurality of electrical traces electrically coupled to the flowmeter electronics. The at least one electromagnetic coil (210 212) includes a first coil in the flexible circuit module (220) that is coupled to the electrical traces.

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

(19) INDIA

(22) Date of filing of Application :03/03/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR PRODUCING BIARYL 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 t Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D257/04,C07D403/10,C07D405/14 :2012-191767 :31/08/2012 :Japan :PCT/JP2013/073365 :30/08/2013 :WO 2014/034868 ^o :NA :NA :NA	 (71)Name of Applicant : 1)API CORPORATION Address of Applicant :13 4 Uchikanda 1 chome Chiyoda ku Tokyo 1010047, Japan Japan (72)Name of Inventor : 1)SEKI Masahiko
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(57) Abstract :

Provided is a novel production method which is capable of producing a biaryl compound under conditions suitable for economical and industrial production said biaryl compound being useful as an intermediate for an angiotensin II receptor antagonist. A method for producing a biaryl compound represented by general formula [3] or a salt thereof which is characterized by reacting a 2 phenylazole derivative represented by general formula [1] or a salt thereof with a benzene derivative represented by general formula [2] or a salt thereof in the presence of a metal catalyst a base and one or more compounds that are selected from the group consisting of (a) metal salts of monocarboxylic acids (b) metal salts of dicarboxylic acids (c) metal salts of sulfonic acids and (d) metal salts of phosphoric acid esters or phosphoric acid amides represented by RP(O)(OM). (In the formulae the symbols are as defined in the description.)

No. of Pages : 122 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :03/03/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : IRON BASED ACCELERATOR FOR CURING RESINS

(57) Abstract :

Accelerator solution suitable for forming a redox system with peroxides comprising (i) an iron compound selected from iron carboxylates iron 1 3 dioxo complexes and iron dicylcopentadienyl complexes (ii) a compound of a second transition metal; the weight ratio of iron : second transition metal being in the range 3:1 to 200:1 with the proviso that the accelerator solution is essentially free of ascorbic acid.

No. of Pages : 20 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :09/03/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : NEW ANTIBACTERIAL COMPOUNDS

(51) International classification:C07D401/06,C07D401/14,C07D405/14(31) Priority Document No:12180103.9(32) Priority Date:10/08/2012(33) Name of priority country:EPO(86) International Application No Filing Date:PCT/EP2013/066681 :09/08/2013(87) International Publication No Filing Date:WO 2014/023815(61) Patent of Addition to Filing Date:NA :NA(62) Divisional to Filing Date:NA :NA	 (71)Name of Applicant : JANSSEN SCIENCES IRELAND UC Address of Applicant :Eastgate Village Eastgate Little Island Co Cork Ireland Ireland (72)Name of Inventor : GUILLEMONT Jer´me Emile Georges LAN‡OIS David Francis Alain MOTTE Magali Madeleine Simone BALEMANS Wendy Mia Albert KOUL Anil
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(57) Abstract :

The present invention is related to novel compounds of formula (I) that may inhibit the activity of the FabI enzyme and which are useful in the treatment of bacterial infections. It further relates to pharmaceutical compositions comprising these compounds and chemical processes for preparing these compounds.

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No. of Pages : 110 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :16/07/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : AN IMPROVED PROCESS FOR PREPARATION OF RANOLAZINE •

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:C07D233/02 :NA NA :NA :NA	 (71)Name of Applicant : 1)CADILA HEALTHCARE LIMITED Address of Applicant :Zydus Tower, Satellite Cross Roads, Ahmedabad 380 015, Gujarat, India Gujarat India (72)Name of Inventor :
Filing Date (87) International Publication No	:NA : NA	1)DESAI, Sanjay Jagdish 2)PRASAD, Ashok
(61) Patent of Addition to Application NumberFiling Date(62) Divisional to Application Number	:NA :NA :NA	3)JAIN, Kuldeep Natwarlal 4)TRIPATHI, Sanjeev Kumar 5)VANSADIA, Devendrasinh Bharatsinh
Filing Date	:NA	

(57) Abstract :

The present invention provides an improved process for preparation of pure crystalline ranolazine of Formula (I), the said process comprising reacting 2-((2-methoxyphenoxy)methyl)oxirane of Formula (II) with N-(2,6-dimethylphenyl)-2-(piperazin-1-yl)acetamide of Formula (III) in one or more organic solvent to obtain ranolazine and crystallizing ranolazine in one or more organic solvent to obtain pure crystalline ranolazine of Formula (I).

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

(19) INDIA

(22) Date of filing of Application :27/02/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : MEANS AND METHOD FOR TREATING SOLID TUMOURS

 (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 	:C07D471/04,A61K31/4439,A61P35/00 :1200571-6 :21/09/2012 :Sweden :PCT/SE2013/000142 :17/09/2013 :WO 2014/046589 ?:NA :NA :NA	 (71)Name of Applicant : 1)VIVOLUX AB Address of Applicant :Hus Oscar II Uppsala Science Park S 75183 Uppsala, Sweden Sweden (72)Name of Inventor : 1)LINDER Stig
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(57) Abstract :

In a cytotoxic compound of the general formula (I) R is H or methyl or methylene substituted by C C straight or branched alkyl R is selected from the group consisting of H C C straight or branched alkyl methoxy methoxy substituted by from one to three fluorine halogen; R is H or C C straight or branched alkyl; X is CH or N; Y is CH or N.

No. of Pages : 19 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :05/03/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : RESEALABLE BEVERAGE CONTAINERS AND METHODS OF MAKING SAME

(51) International classification	:B65D17/34,B65D39/10,B65D41/28	(71)Name of Applicant : 1)POWERCAN HOLDING LLC
(31) Priority Document No	:13/572404	Address of Applicant :540 E. Mcnab Road Suite C Pompano
(32) Priority Date	:10/08/2012	Beach FL 33060 U.S.A.
(33) Name of priority country	y:U.S.A.	(72)Name of Inventor :
(86) International	:PCT/US2013/054210	1)ZABALETA Daniel A.
Application No	:08/08/2013	2)HACKETT Sam
Filing Date	.00/00/2015	
(87) International Publication	¹ :WO 2014/026047	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A resealable beverage container includes a cap that moves between storage opening removal and resealing positions. Ramps are used to enhance an opening force generally delivered by the engagement between the socket and the cap. An elastomeric sealing element is disposed between the cap and the socket so that when the cap is in the fully seated or sealed position an airtight or at least substantially airtight seal is created to prevent the contents of the container from leaking out. Further enhancements are disclosed that include a score line structure in the socket bottom wall that facilitates a predictable and repeatable opening of the container along the score line. A grip is provided that includes a gap or space into which a coin or other implement can be inserted to allow the consumer a better grip to provide adequate opening force.

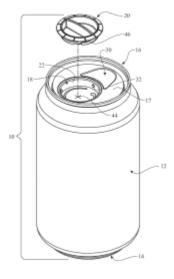


FIG. 2

No. of Pages : 71 No. of Claims : 34

(19) INDIA

(22) Date of filing of Application :03/03/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : OTP CELL WITH REVERSED MTJ CONNECTION

(51) International classification	:G11C11/16,G11C17/02,G11C17/16	I)QUALCOMM INCORPORATED
(31) Priority Document No	:13/613,168	Address of Applicant : Attn: International IP Administration
(32) Priority Date	:13/09/2012	5775 Morehouse Drive San Diego California 92121, U.S.A.
(33) Name of priority country	/:U.S.A.	U.S.A.
(86) International	DCT/LIG2012/050012	(72)Name of Inventor :
Application No	:PCT/US2013/059812	1)KIM Jung Pill
Filing Date	:13/09/2013	2)KIM Taehyun
(87) International Publication	WO 2014/042579	3)LEE Kangho
No	:WO 2014/043578	4)KAN Seung H.
(61) Patent of Addition to	NT A	5)LI Xia
Application Number	:NA	6)HSU Wah Nam
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A one time programming (OTP) apparatus unit cell includes magnetic tunnel junctions (MTJs) with reversed connections for placing the MTJ in an anti parallel resistance state during programming. Increased MTJ resistance in its anti parallel resistance state causes a higher programming voltage which reduces programming time and programming current.

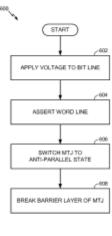


FIG. 6

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

(19) INDIA

(22) Date of filing of Application :05/03/2015

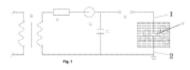
(43) Publication Date : 22/01/2016

(51) International classification	:B02C19/00	(71)Name of Applicant :
(31) Priority Document No	:201210346137.3	1)XINTE ENERGY CO. LTD.
(32) Priority Date	:18/09/2012	Address of Applicant :Ganquanpu Industrial Park State of
(33) Name of priority country	:China	High tech Level Development Zone Urumqi Xinjiang 830011
(86) International Application No	:PCT/CN2013/083545	China
Filing Date	:16/09/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2014/044156	1)YIN Bo
(61) Patent of Addition to Application	:NA	2)HU Guangjian
Number		3)CHEN Xiqing
Filing Date	:NA	4)HUANG Bin
(62) Divisional to Application Number	:NA	5)LIU Guilin
Filing Date	:NA	

(54) Title of the invention : POLYSILICON FRAGMENTING METHOD AND DEVICE

(57) Abstract :

Disclosed are a polysilicon fragmenting method and device the method comprising the following steps: placing the polysilicon in a pool; and applying a high transient voltage to the pool to cause a high voltage discharge by the water in the pool so as to fragment the polysilicon. The device comprises a high voltage transformer (B) a high voltage rectifier (G) a charging capacitor (C) an isolation interval switch (K) a pool (F) and a first electrode (1) and a second electrode (2) both immersed in the pool (F); the primary winding of the high voltage transformer (B) is connected to commercial power; the first connecting terminal of the secondary winding is connected to the high voltage rectifier (G) the isolation interval switch (K) and the first electrode (1) sequentially; the second connecting terminal of the secondary winding is grounded and is connected to the second electrode (2); the charging capacitor (C) is connected between the common terminal of the high voltage rectifier (G) and the isolation interval switch (K) and the common terminal of the second electrode (2). The polysilicon fragmenting method and device have a simple process and no metal pollution and provide uniform fragmenting.



No. of Pages : 23 No. of Claims : 15

(21) Application No.485/MUMNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/03/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : REAL TIME AND HIGH RESOLUTION BUFFER OCCUPANCY MONITORING AND RECORDING

 (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 	:61/702318 :18/09/2012 :U.S.A.	 (71)Name of Applicant : 1)CISCO TECHNOLOGY INC. Address of Applicant :170 West Tasman Drive San Jose CA 95134 1706 U.S.A. U.S.A. (72)Name of Inventor : 1)EDSALL Thomas J. 2)DEVADAS Ganga Sudharshini 3)NGUYEN Dennis Khoa Dang 4)HUANG Chih Tsung
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(57) Abstract :

Presented herein are techniques for detection and characterization of buffer occupancy of a buffer in a network device. Packets are received at a network device. The packets are stored in a buffer of the network device as they are processed by the network device. An occupancy level of the buffer is sampled at a sampling rate. Occupancy levels of the buffer over time are determined from the sampling and traffic flow through the network device is characterized based on the occupancy levels.

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

(19) INDIA

(22) Date of filing of Application :03/03/2015

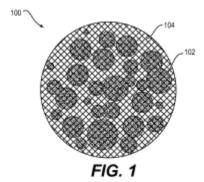
(43) Publication Date : 22/01/2016

 (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 	:H01M4/13 :61/693,070 :24/08/2012 :U.S.A. :PCT/US2013/056339 :23/08/2013 :WO 2014/031929 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SILA NANOTECHNOLOGIES INC. Address of Applicant :541 10th St NW #195 Atlanta Georgia 30318,U.S.A. U.S.A. (72)Name of Inventor : 1)YUSHIN Gleb 2)ZDYRKO Bogdan 3)SHELTON Addison 4)BERDICHEVSKY Eugene 5)LUZINOV Igor 6)JACOBS Alexander 7)HANTSOO Eerik 8)GOMES George
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(54) Title of the invention : SCAFFOLDING MATRIX WITH INTERNAL NANOPARTICLES

(57) Abstract :

A battery electrode composition is provided comprising composite particles with each composite particle comprising active material and a scaffolding matrix. The active material is provided to store and release ions during battery operation. For certain active materials of interest the storing and releasing of the ions causes a substantial change in volume of the active material. The scaffolding matrix is provided as a porous electrically conductive scaffolding matrix within which the active material is disposed. In this way the scaffolding matrix structurally supports the active material electrically interconnects the active material and accommodates the changes in volume of the active material.



No. of Pages : 59 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :09/03/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : NEW ANTIBACTERIAL COMPOUNDS

classification :C07D401/06,C07D401/12,C07D401/14 1) (31) Priority Document :12180100.5 Co (32) Priority Date :10/08/2012 (72 (33) Name of priority :EPO 1) country :EPO 2) (86) International :PCT/EP2013/066679 3) Filing Date :09/08/2013 5) (87) International :WO 2014/023814 6)	 (71)Name of Applicant : 1)JANSSEN SCIENCES IRELAND UC Address of Applicant :Eastgate Village Eastgate Little Island to Cork Ireland (72)Name of Inventor : 1)GUILLEMONT Jer'me Emile Georges 2)LAN‡OIS David Francis Alain 3)MOTTE Magali Madeleine Simone 4)BALEMANS Wendy Mia Albert 5)WEIDNER Steffen Friedrich Walter 6)MC GOWAN David Craig 7)KOUL Anil
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(57) Abstract :

The present invention is related to novel compounds of formula (I) that may inhibit the activity of the FabI enzyme and which are useful in the treatment of bacterial infections. It further relates to pharmaceutical compositions comprising these compounds and chemical processes for preparing these compounds.

 R^2 R^3

(1)

No. of Pages : 109 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :04/03/2015

(54) Title of the invention : STRADDLE-TYPE VEHICLE WITH LOAD SUPPORTING STRUCTURE

 (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 	:Japan :PCT// :01/01/1900 : NA :NA	 (71)Name of Applicant : 1)YAMAHA HATSUDOKI KABUSHIKI KAISHA Address of Applicant :2500 Shingai, Iwata-shi, Shizuoka-ken 438-8501, Japan Japan (72)Name of Inventor : 1)Luca, MONIERI
Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

TITLE.: STRADDLE-TYPE VEHICLE WITH LOAD SUPPORTING STRUCTURE Straddle type vehicle with a body frame; a seat supported by the body frame, the seat comprising at least a seat main portion for a rider; a bracket supported by the body frame; a load support frame detachably connected to the bracket; and a load support portion positioned rearward of the seat main portion and supported by the body frame; wherein the load support frame includes a load carrying portion configured to contact with the load support portion.

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

(19) INDIA

(22) Date of filing of Application :05/03/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND APPARATUS FOR PROVIDING CALENDAR DISPLAYING WORK HISTORY OF DOCUMENT

(31) Priority Document No:10-2(32) Priority Date:12/0(33) Name of priority country:Rep	2)Moon-joo LEE
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(57) Abstract :

Provided are a server for managing history information of a document work, a device for viewing the history information, and a system including the same. The server includes: a transceiver configured to receive, from at least one first device of a user, work history information of a document on the at least one first device; and a controller configured to arrange the received work history information in a calendar form by using time information included in the received work history information, wherein the transceiver provides the work history information in the calendar form to a second device.

No. of Pages : 506 No. of Claims : 22

(21) Application No.443/MUMNP/2015 A

(19) INDIA

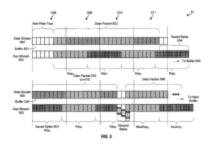
(22) Date of filing of Application :03/03/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : STREAMING ALIGNMENT OF KEY STREAM TO UNALIGNED DATA STREAM :H04L12/861,H04L9/26 (71)Name of Applicant : (51) International classification **1)QUALCOMM INCORPORATED** (31) Priority Document No :61/701,388 (32) Priority Date :14/09/2012 Address of Applicant :Attn: International IP Administration (33) Name of priority country 5775 Morehouse Drive San Diego CA 92121 1714, U.S.A. U.S.A. :U.S.A. (86) International Application No :PCT/US2013/059483 (72)Name of Inventor: Filing Date :12/09/2013 1)WEI Justin Y. (87) International Publication No :WO 2014/043363 2) DAMBRE Antoine (61) Patent of Addition to Application **3)AHN Christopher** :NA Number 4)CHHABRA Gurvinder Singh :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Enhanced cryptographic techniques are provided which facilitate higher data rates in a wireless communication system. In one aspect improvements to the ZUC algorithm are disclosed which can reduce the number of logical operations involved key stream generation reduce computational burden on a mobile device implementing ZUC and extend battery life. The disclosed techniques include for instance receiving at a wireless communication apparatus a data stream having data packets for ciphering or deciphering. The wireless apparatus can generate a cipher key for the cryptographic function determine a starting address of a first data packet in the data stream and shift the cipher key to align with the starting address of the first data packet. Once aligned the processing apparatus applies the cryptographic function to a first block of the first data packet using the shifted cipher key and manages a remaining portion of the cipher key to handle arbitrarily aligned data across multiple packets.



No. of Pages : 39 No. of Claims : 32

(19) INDIA

(22) Date of filing of Application :09/03/2015

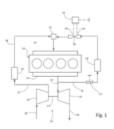
(43) Publication Date : 22/01/2016

(54) Title of the invention : VACUUM INSULATED VENTURI METER FOR AN EXHAUST GAS RECIRCULATION APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:14/08/2012 :WO 2014/027997 :NA	 (71)Name of Applicant : 1)MACK TRUCKS INC. Address of Applicant :7900 National Service Road Greensnboro North Carolina 27409 U.S.A. U.S.A. (72)Name of Inventor : 1)WOODSEND Lance C.
	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A venturi flow meter for an EGR apparatus includes an inner wall defining an interior space including a converging inlet section a throat section and a diverging outlet section and an outer wall surrounding the inner wall and attached to the inner wall the outer wall being space from the inner wall to define an insulating space between the inner wall and the outer wall.



No. of Pages : 11 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :25/02/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHODS AND SYSTEMS FOR MAKING THE USE OF HEAD MOUNTED DISPLAYS LESS **OBVIOUS TO NON USERS**

(31) Priority Document No:61(32) Priority Date:18(33) Name of priority country:U.(86) International Application No:PCFiling Date:11	A A	 (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. U.S.A. (72)Name of Inventor : 1)FORUTANPOUR Babak 2)BAKER Daniel S. 3)YAMAKAWA Devender A.
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(57) Abstract :

Various arrangements are presented for positioning virtual objects displayed by a head mounted display. A location of a person within a real world scene may be determined. A virtual object may be displayed to a user such that the virtual object is superimposed over the face of the person.

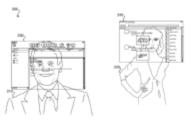


FIG. 2

No. of Pages : 61 No. of Claims : 40

(19) INDIA

(22) Date of filing of Application :03/03/2015

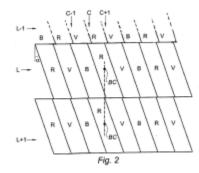
(43) Publication Date : 22/01/2016

(51) International classification	:G02B27/22,H04N13/04	(71)Name of Applicant :
(31) Priority Document No	:12 58657	1)ALIOSCOPY
(32) Priority Date	:14/09/2012	Address of Applicant :3 rue de lEst F 75020 Paris, FRANCE
(33) Name of priority country	:France	France
(86) International Application No	:PCT/IB2013/058496	(72)Name of Inventor :
Filing Date	:12/09/2013	1)ALLIO Pierre
(87) International Publication No	:WO 2014/041504	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : DISPLAY SCREEN IN PARTICULAR FOR AUTOSTEREOSCOPY

(57) Abstract :

An advantageously flat display screen (E) comprising a matrix of pixels (P) arranged in lines and in columns perpendicular to said lines each pixel comprising three or more sub pixels (SP) of different colours (R V B) aligned in the direction of said lines and having an elongated shape characterised in that each of said sub pixels has a main dimension forming a non zero angle relative to the direction of said columns. The screen can advantageously be provided with an angular selection network for autostereoscopic display of which the main axes form an angle a relative to the direction of said columns and of which the pitch makes it possible to cover M=2 sub pixels.



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

(19) INDIA

(22) Date of filing of Application :03/03/2015

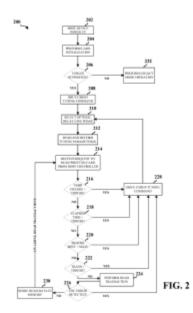
(43) Publication Date : 22/01/2016

(51) International classification	:G06F13/16	(71)Name of Applicant :
(31) Priority Document No	:61/710,639	1)QUALCOMM INCORPORATED
(32) Priority Date	:05/10/2012	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 U.S.A.
(86) International Application No	:PCT/US2013/063319	(72)Name of Inventor :
Filing Date	:03/10/2013	1)STRAUSS Nir
(87) International Publication No	:WO 2014/055794	2)MANOR Racheli Angel
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : ALGORITHM FOR OPTIMAL USAGE OF EXTERNAL MEMORY TUNING SEQUENCE

(57) Abstract :

A method an apparatus and a computer program product for optimally tuning a memory card in a host device are provided. The apparatus determines at least one tuning parameter associated with the memory card initiates a reading operation with the memory card and sends a tuning command to the memory card based on the at least one tuning parameter. The at least one tuning parameter includes a temperature of the memory card a time elapsed since a last tuning sequence was performed a number of data blocks sent from the memory card to the host device and/or a number of transactions between the memory card and the host device. The apparatus also reads data from the memory card detects a cyclic redundancy check (CRC) error associated with the read data and sends the tuning command to the memory card upon detecting the CRC error.



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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :09/03/2015

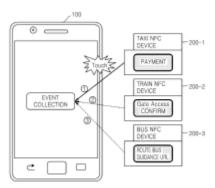
(43) Publication Date : 22/01/2016

(54) Title of the invention : SCHEDULE MANAGEMENT METHOD SCHEDULE MANAGEMENT SERVER AND MOBILE TERMINAL USING THE 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 Eiling Date 	:PCT/KR2013/007080 :06/08/2013 :WO 2014/027785 :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)KO Jae woo
Filing Date		

(57) Abstract :

A schedule management method is provided. The schedule management method includes acquiring user schedule information extracting at least one piece of expected event information based on the user schedule information collecting event information generated through near field communication comparing the collected event information and the expected event information and providing guidance information corresponding to the collected event information based on a result of the comparison.



No. of Pages : 58 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :09/03/2015

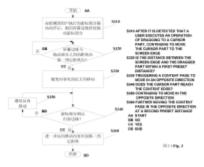
(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND DEVICE FOR SELECTING WEBPAGE EDGE CONTENT AND MOBILE 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 	:G06F3/0484 :201210287282.9 :10/08/2012 :China :PCT/CN2013/078220 :27/06/2013 :WO 2014/023140	 (71)Name of Applicant : 1)GUANGZHOU UCWEB COMPUTER TECHNOLOGY CO. LTD Address of Applicant :Room 301 3F No.16 2 Building Keyun Road Tianhe District Guangzhou Guangdong 510665 China (72)Name of Inventor : 1)LIANG Jie
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	2)YU Yongfu 3)HE Xiaopeng 4)ZHU Shunyan 5)LAO Yongchao

(57) Abstract :

Disclosed are a method and device for selecting an edge content in a content page and a mobile terminal. The method comprises: after it is detected that a user executes an operation of dragging to a screen edge a cursor part of two cursors used for limiting a selected range continuing to move the cursor part to the screen edge; determining whether the distance between the screen edge and the moved cursor part is within a first preset distance or not; and if it is within the first preset distance triggering the content page to move in an opposite direction; and in addition when the cursor part reaches the content edge of the content page further moving the content page in the opposite direction at a second preset distance so as to enable the content edge to be closer to the screen centre than the screen edge. The method can be applied to help a user better select a character at a screen edge.



No. of Pages : 28 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(21) Application No.744/MUM/2015 A
(19) INDIA
(22) Date of filing of Application :07/03/2015
(43) Publication Date : 22/01/2016
(54) Title of the invention : METHOD AND APPARATUS FOR IMPLEMENTING A DEVICE-TO-DEVICE (D2D) SERVICE IN A WIRELESS COMMUNICATION SYSTEM
(51) International classification :H04W1/00
(31) Priority Document No :61/951,132
(32) Priority Date :11/03/2014
(71)Name of Applicant :5F, No. 22, Lane 76, Ruiguang Rd.,

(52) Thomy Dute	.11/05/2011	riduless of ripplicalit .51, 100, 22, Ealle 70, Italgaalig Ital,
(33) Name of priority country	:U.S.A.	Neihu District, Taipei City 11491, Taiwan, R.O.C. Taiwan
(86) International Application No	:PCT//	(72)Name of Inventor :
Filing Date	:01/01/1900	1)Yu-Hsuan GUO
(87) International Publication No	: NA	2)Meng-Hui OU
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT TITLE.: METHOD AND APPARATUS FOR IMPLEMENTING A DEVICE-TO-DEVICE (D2D) SERVICE IN A WIRELESS COMMUNICATION SYSTEM A method and apparatus of for implementing a D2D service are disclosed. The method includes the UE receiving an indication to prohibit a transmission of a RRC (Radio Resource Control) connection request message for requesting a D2D dedicated resource for transmission. The method further includes the UE deciding whether to prohibit the transmission of the RRC connection request message at least based on the indication.

No. of Pages : 39 No. of Claims : 20

(21) Application No.777/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :10/03/2015

(43) Publication Date : 22/01/2016

 (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 	:F16H3/44, F16H57/10 :201420173415.4 :09/04/2014 :China :NA :NA :NA	 (71)Name of Applicant : 1)LOROM INDUSTRIAL CO., LTD. Address of Applicant :Fl. 13, Rm. 2, No. 78, Sec. 2, An-Ho Rd, Taipei 10680, Taiwan Taiwan (72)Name of Inventor : 1)WANG, Ching-Feng
 (61) Patent of Addition to Application Number Filing Date (2) Distribution Manhae 	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : MANUAL TRANSMISSION FOR A VEHICLE

(57) Abstract :

A manual transmission for a vehicle includes an input shaft rotated by a motor; a plurality of drive gears which are fixed to and rotate with the input shaft; an output shaft which includes a plurality of axially protruding teeth; a plurality of differential gears which are engaged with and driven by the drive gears to rotate around the output shaft; a sleeve which is axially movable along the output shaft while being able to deliver rotation power to the output shaft; an idle gear fixed on an idle gear shaft and rotated by the smallest one of the drive gears; and a reverse gear engaged with the idle gear to rotate about the output shaft. When the sleeve moves along the output shaft to make the outer gear engage with one of the differential gears or the reverse gear, rotation power can be transmitted to the output shaft.

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

CONTINUED TO PART-2

CONTINUED FROM PART-1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2582/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :26/05/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND SYSTEM FOR ESTIMATION OF HEAT LOSS OF A PASSIVE DIRECT METHANOL FUEL CELL

	COID	
(51) International classification	:G01B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY MADRAS
(32) Priority Date	:NA	Address of Applicant : IIT P.O, CHENNAI - 600 036 Tamil
(33) Name of priority country	:NA	Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)P. VASANTH
(87) International Publication No	: NA	2)DR. AJIT KUMAR KOLAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Apparatus and methods for performing measurements in a fuel cell system. The present invention is a procedure to determine heat loss from a PCB based cell fixture designed and fabricated for estimating heat loss without disturbing actual operation of the cell. The invention lies in employing a differential interferometer (DI) intended for measuring heat loss in a fuel cell using interferometry and thermal imaging technique. The set up can be adopted as a standard design procedure to estimate heat loss from any single fuel cell including direct methanol fuel cell, passive and air breathing operation mode fuel cells etc.,. Studying cell operating temperature forms a further significant part for estimating heat loss in a single fuel cell and the information obtained from such a cell in support of heat sink design appears useful to fabricators in portable application.

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

(21) Application No.2583/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :26/05/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : SOLID STATE FORMS OF VILAZODONE INTERMEDIATES

(51) International classification	:C07D405/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)OPTIMUS DRUGS (P) LTD
(32) Priority Date	:NA	Address of Applicant :#1-2-11/1, ABOVE SBI BANK,
(33) Name of priority country	:NA	STREET NO: 2, KAKATIYA NAGAR, HABSIGUDA,
(86) International Application No	:NA	HYDERABAD - 500 007 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DESI REDDY, SRINIVAS REDDY
(61) Patent of Addition to Application Number	:NA	2)RANE, DNYANDEV RAGHO
Filing Date	:NA	3)VELIVELA, SRINIVAS RAO
(62) Divisional to Application Number	:NA	4)PEKETI, SUBBAREDDY
Filing Date	:NA	5)PRASANGI, SRIDHAR

(57) Abstract :

The present invention relates to an improved, commercially viable and industrially advantageous process for the preparation of Vilazodone Intermediates. The present invention further provides solid state forms of Vilazodone intermediates and process for its preparation.

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

(19) INDIA

(22) Date of filing of Application :26/05/2014

(21) Application No.2584/CHE/2014 A

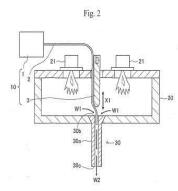
(43) Publication Date : 22/01/2016

:B22D41/00 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)NIPPON STEEL & SUMIKIN ENGINEERING CO., :NA (32) Priority Date :NA LTD. (33) Name of priority country Address of Applicant :of Osaki Center Building, 5-1, Osaki 1-:NA (86) International Application No chome, Shinagawa-ku, Tokyo 141-8604, Japan Japan :NA Filing Date (72)Name of Inventor : :NA 1)MIURA, Yasuaki (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : PREHEATING METHOD AND PREHEATING DEVICE FOR IMMERSION NOZZLE

(57) Abstract :

A preheating method and a preheating device for an immersion nozzle that are capable of sufficiently preheating an immersion nozzle to a desired degree. A preheating method for an immersion nozzle 30 that is attached to the bottom surface of a tundish 20 of a continuous casting machine includes a first step of attaching an inlet end 30b of the immersion nozzle 30 to the bottom surface of the tundish 20 before preheating the tundish 20, and inserting a pipe 2 into the immersion nozzle 30 from the inlet end 30b of the immersion nozzle 30 via the inside of the tundish 20, the pipe 2 being in fluid communication with a fluid discharge device 1 disposed outside the tundish 20; and a second step of preheating the tundish 20 and then activating the fluid discharge device 1 to supply a high-pressure fluid into the immersion nozzle 30 and thereby form a negative pressure region in the immersion nozzle 30 with the high-pressure fluid supplied thereto, and pulling high-temperature exhaust gas in the tundish 20 into the immersion nozzle 30 to preheat at least the inner surface of the immersion nozzle 30. Representative Figure Fig.2



No. of Pages : 33 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :30/05/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : MARAUNDHU-A MECHANISM TO CLIMB COCONUT, PALMYRAH TREES AND VERTICAL STRUCTURE

(57) Abstract :

Increasing levels of motorization have shifted the focus of street design from pedestrian traffic to automobile traffic, but still a large part of transport demand is met by walk not just in Indian cities. Safety of pedestrians is an area of concern among current modes of transport. The problems with the existing solutions necessitate the need for safer solutions. An equipment/mechanism which is an under-the-ground, compact, automated transit shuttle based, sliding/gliding pathway that would carry people including the physically-challenged along with luggage, in sitting or standing position, safely across the road is presented as an alternate solution. Modern and the state-of-the-art technologies and safety mechanisms are incorporated in this shuttle system for maximizing the potential usage of the system.

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

(21) Application No.2218/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : SYSTEM AND METHOD FOR ALERTING FIRST RESPONDERES IN AN EMERGENCY

(51) International classification	:G08B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BALAGOPAL KESAVAMENON
(32) Priority Date	:NA	Address of Applicant :NEW NO. 12A, OLD NO. 25,
(33) Name of priority country	:NA	'KRISHNA', 2ND MAIN ROAD, 2ND EXTENSION,
(86) International Application No	:NA	VENKATESA NAGAR, VIRUGAMBAKKAM, CHENNAI -
Filing Date	:NA	600 092 Tamil Nadu India
(87) International Publication No	: NA	2)JAYAKRISHNAN KESAVAMENON
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BALAGOPAL KESAVAMENON
(62) Divisional to Application Number	:NA	2)JAYAKRISHNAN KESAVAMEMON
Filing Date	:NA	

(57) Abstract :

A system and method for alerting first responders in emergency/crime incident. A wearable safety device (ring) having an integrated circuit for generating an emergency signa! on receiving a trigger signal. A spring loaded button mechanism for generating the trigger signal with respect to the integrated circuit. A alert generation application on the mobile communication device of the userfor receiving the alert signal from the integrated circuit and generating a SOS with respect to the first responders within the network. An alert receiving application residing on the first responder device receives the emergency alert along with location information and alerts the first responderte take required action in emergency/crime incident.

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

(19) INDIA

(22) Date of filing of Application :02/06/2014

(21) Application No.2219/CHE/2014 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : WEARABLE SELF- DEI	FENSE RING	ł
(51) International classification	:F41H	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BALAGOPAL KESAVAMENON
(32) Priority Date	:NA	Address of Applicant :NEW NO. 12A, OLD NO. 25,
(33) Name of priority country	:NA	'KRISHNA', 2ND MAIN ROAD, 2ND EXTENSION,
(86) International Application No	:NA	VENKATESA NAGAR, VIRUGAMBAKKAM, CHENNAI -
Filing Date	:NA	600 092 Tamil Nadu India
(87) International Publication No	: NA	2)JAYAKRISHNAN KESAVAMENON
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BALAGOPAL KESAVAMENON
(62) Divisional to Application Number	:NA	2)JAYAKRISHNAN KESAVAMEMON
Filing Date	:NA	

(57) Abstract :

A wearable self-defense ring with a sharp cutting tool for use in a defensive context. A ring shaped body having a fÃat upper part wherein the upper part of the ring includes three side portions. The three side portions of the upper part of the ring shaped body include sharp cutting tools (e.g., a knife) for defending a potential attacker. A spring loaded button mechanism for operatively controlling the relÃase of the sharp cutting tool in an emergency. A locking mechanism to lock the sharp cutting tools within the upper part of the ring when the tool is not in use. The wearable ring with cutting tool mechanism disclosed herein ensures safety and comfort of the user. The device is also capable of being used for effectively fighting attackers and carrying out self-protection, and is suitable for a wide range of users including women, adults, and children needing self-protection.

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

(21) Application No.2670/CHE/2014 A

(19) INDIA

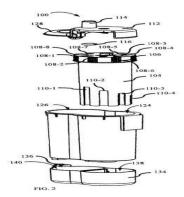
(22) Date of filing of Application :30/05/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : PRESSURE REGULATING DEVICE			
(51) International classification	:A61M16/00	(71)Name of Applicant :	
(31) Priority Document No	:NA	1)GENERAL ELECTRIC COMPANY	
(32) Priority Date	:NA	Address of Applicant :1 RIVER ROAD, SCHENECTADY,	
(33) Name of priority country	:NA	NEW YORK 12345 U.S.A.	
(86) International Application No	:NA	(72)Name of Inventor :	
Filing Date	:NA	1)PANCHAL, KIRAN	
(87) International Publication No	: NA	2)MENON, KANJIMPUREDATHIL MURALIKRISHNA	
(61) Patent of Addition to Application Number	:NA	3)DHULIPALLA, RAVIKUMAR	
Filing Date	:NA	4)NARASIMHAN T, SAKTHI	
(62) Divisional to Application Number	:NA	5)DAVIS, DONY	
Filing Date	:NA		

(57) Abstract :

ABSTRACT A pressure regulating device used with a breathing assistance device for carrying inhalatory gas and exhalatory gas from a subject for providing breathing assistance to the subject is disclosed. The pressure regulating device comprises a holding unit for holding a liquid. The holding unit is configured to have a substantially constant level of the liquid and a partially submerged member submerged in the liquid present in the holding unit and configured at a fixed position. The partially submerged member has a plurality of slots. The slots are capable of passing the exhalatory gas from the subject into the liquid. The mean pressure of gas supplied to the subject is capable of being modified by adjusting a height at which the exhalatory gas is released into the liquid through a slot of the plurality of slots. FIG. 2



No. of Pages : 30 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :30/05/2014

(21) Application No.2671/CHE/2014 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : WIRELESS SENSOR AND SYSTEM FOR MANAGING FETAL AND MATERNAL DATA OF SUBJECT

 (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 	:A61B8/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)GENERAL ELECTRIC COMPANY Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 U.S.A. (72)Name of Inventor : 1)VENUGOPALAN, VIJITH
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(57) Abstract :

ABSTRACT A sensor of a maternal and fetal monitoring device is disclosed. The sensor includes a signal processor configured to transmit ultrasound beam on to a portion of a subject. Reflected ultrasound signals are received from the subject. These reflected ultrasound signals are processed to generate one or more of processed fetal information and processed maternal information. The sensor also includes a wireless module configured to communicate with a remote ultrasound processing system. The wireless module streams the processed fetal information and the processed maternal information to be stored in the remote processing subsystem. FIG. 3

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

(21) Application No.1637/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :27/05/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : A SYSTEM & METHOD FOR AUTOMATING PERFORMANCE TESTS OF OUTAGE MANAGEMENT SYSTEMS

(51) International classification(31) Priority Document No(32) Priority Date	31/00 :NA	 (71)Name of Applicant : 1)INFOTECH ENTERPRISES LIMITED Address of Applicant :PLOT NO. 11, INFOCITY, SOFTWARE UNITS LAYOUT, MADHAPUR, HYDERABAD,
(33) Name of priority country	:NA	PIN 500 081 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PRAVEENA MATHUR
(87) International Publication No	: NA	2)NAGARJUNA VUKKISILA
(61) Patent of Addition to Application Number	:NA	3)SUDDHA SATTWA BASU
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Exemplary embodiments of the present disclosure are directed towards an automation method for testing a performance of an outage management system (OMS). The method includes initiating an automation process comprising a step of editing one or more file paths for identifying network address of the OMS under test and image name of the OMS under test, whereby the OMS under test comprising a plurality of automation scripts for performing the automation and generating a plurality of test reports in response to testing the performance of the OMS under test, whereby the plurality of test reports comprising a plurality of configuration parameters to be updated in the OMS under test.

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

(19) INDIA

(22) Date of filing of Application :27/05/2014

(21) Application No.1638/CHE/2014 A

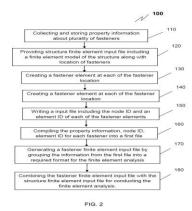
(43) Publication Date : 22/01/2016

(54) Title of the invention : A SYSTEM AND METHOD FOR CONDUCTING FINITE ELEMENT ANALYSIS OF STRUCTURES WITH CUTOUT

(51) International classification3/00(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA	 N (71)Name of Applicant : 1)INFOTECH ENTERPRISES LIMITED Address of Applicant :PLOT NO. 11, INFOCITY, SOFTWARE UNITS LAYOUT, MADHAPUR, HYDERABAD 500 081 Andhra Pradesh India (72)Name of Inventor : 1)RAVI KATUKAM
(87) 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 system and method for conducting stress analysis of a structure with cutouts. The method comprises providing a Computer Aided Design (CAD) model of the structure, providing a cutout information of atleast one cutout on the structure, the cutout information including a shape, a dimension, a location of the cutout on the structure, creating a finite element (FE) mesh on the CAD model of the structure, defining the cutout on the FE mesh based on the cutout information, making a set of finite elements inside the cutout boundary ineffective for a FE analysis, conducting the FE analysis and observing stresses, checking if stresses are within a predefined limit, ending the FE analysis if stresses are within the predefined limit, making changes in the cutout information if stresses are not within predefined limits and repeating steps till stress values are obtained within predefined limits.



No. of Pages : 25 No. of Claims : 8

(21) Application No.2626/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :28/05/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : AUTOCROSS-AN AUTOMATED TRANSIT SHUTTLE SYSTEM FOR ASSISTING PEDESTRIANS IN CROSSING ROADS AVOIDING PHYSICAL EXERTION

(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA	 1)DR. G. SATHEESH KUMAR Address of Applicant :PLOT NO: 67, DOOR NO: 24 VGP AVENUE, 1ST CROSS STREET, SEETHAPATHY NAGAR, CHENNAI - 600 042 Tamil Nadu India 72)Name of Inventor : 1)DR. G. SATHEESH KUMAR
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(57) Abstract :

6. ABSTRACT OF THE INVENTION Increasing levels of motorization have shifted the focus of street design from pedestrian traffic to automobile traffic, but still a large part of transport demand is met by walk not just in Indian cities. Safety of pedestrians is an area of concern among current modes of transport. The problems with the existing solutions necessitate the need for safer solutions. An equipment/mechanism which is an under-the-ground, compact, automated transit shuttle based, sliding/gliding pathway that would carry people including the physically-challenged along with luggage, in sitting or standing position, safely across the road is presented as an alternate solution. Modern and the state-of-the-art technologies and safety mechanisms are incorporated in this shuttle system for maximizing the potential usage of the system.

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

(19) INDIA

(21) Application No.2627/CHE/2014 A

(22) Date of filing of Application :28/05/2014

(43) Publication Date : 22/01/2016

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

(57) Abstract :

The present invention relates to an improved process for the preparation of eszopiclone.

No. of Pages : 13 No. of Claims : 4

(22) Date of filing of Application :02/06/2014

(19) INDIA

(21) Application No.2700/CHE/2014 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND APPARATUS FOR REAL-TIME CONVERSION OF 2-DIMENSIONAL CONTENT TO 3-DIMENSIONAL CONTENT

(51) International classification	:G06T7/00	(71)Name of Applicant :
(31) Priority Document No	:13/911,389	1)SONY CORPORATION
(32) Priority Date	:06/06/2013	Address of Applicant :1-7-1 Konan, Minato-Ku, Tokyo 108-
(33) Name of priority country	:U.S.A.	0075, Japan. Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)USIKOV, DANIEL
(87) 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 Various aspects of a method and apparatus for video processing may include a computing device communicably coupled to an external device. The computing device may be operable to determine an average vertical velocity and an average horizontal velocity of a subset of pixels in an image frame and determine a depth value for each pixel of the subset of pixels based on calculated motion vectors of the pixel of the subset of pixels, the average vertical velocity of the subset of pixels and the average horizontal velocity of the subset of pixels.

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

(19) INDIA

(22) Date of filing of Application :10/06/2014

(21) Application No.137/CHE/2014 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : MODE LOCKED LASER (MLL) FOR GENERATING A WAVELENGTH STABILIZED DEPLETION PULSE AND METHOD THEREOF

(51) International classification5/00(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NAFiling Date:NA	Address of Applicant :Tata Institute of Fundamental Research, GKVK-UAS Bellary Road, Bangalore 560065, Karnataka, India. Himachal Pradesh India (72)Name of Inventor : 1)Anil Prabhakar 2)Satyajit Mayor
(62) Divisional to Application Number :NA Filing Date :NA	

(57) Abstract :

The present disclosure relates to a mode locked laser fiber to generate wavelength stabilized depletion pulse laser and a system for synchronizing wavelength stabilized depletion pulse laser with a master laser. In one embodiment, a predetermined fraction of the master laser pulses are fed as input to a mode locked laser fiber that generates a wavelength stabilized slave pulse laser. The wavelength stabilized salve pulse laser is then amplified and fed to a second harmonic generation (SHG) crystal. The SHG crystal converts the amplified slave pulse laser into the depletion pulse laser synchronized with the excitation laser.

No. of Pages : 28 No. of Claims : 21

(21) Application No.1570/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :24/05/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : NOVEL SEMISYNTHETIC MENINGOCOCCAL CONJUGATE VACCINE

(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No:NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NA	HYDERABAD 500 020 Andhra Pradesh India (72)Name of Inventor : 1)AKSHAY GOEL 2)RENUKUNTLA SANTOSH
Filing Date :NA	

(57) Abstract :

The present invention relates to novel semi-synthetic meningococcal conjugate vaccine comprising novel synthetic oligosaccharide conjugated to a carrier protein. The present invention also relates to novel synthetic meningococcal oligosaccharide and a process for its preparation.

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

(21) Application No.1639/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :27/05/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : A SYSTEM AND METHOD FOR MODELING FASTENERS IN A STRUCTURE FOR FINITE ELEMENT ANALYSIS

 (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 	:B65H :NA :NA :NA :NA :NA : NA	 (71)Name of Applicant : 1)INFOTECH ENTERPRISES LIMITED Address of Applicant :PLOT NO. 11, INFOCITY, SOFTWARE UNITS LAYOUT, MADHAPUR, HYDERABAD - 500 081 Andhra Pradesh India (72)Name of Inventor : 1)RAVI KATUKAM
 (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	1)RAVI KATUKAM 2)PRABHU KRISHNAN

(57) Abstract :

The present invention provides a system and method of modeling a fastener in a structure for finite element analysis. The method comprises collecting and storing property information about fasteners, providing a structure finite element input file including finite element model of the structure along with location of each fastener, creating node ID at the fastener location in the finite element model, creating fastener element at each of the fastener location, writing a input file including the node ID and an element ID of each of the fastener elements, compiling the property information, the node ID, the element ID into a fastener file, generating a fastener finite element input file by grouping the information from the fastener file into a required format for the finite element analysis and combining the fastener finite element input file with the structure finite element input file for conducting the finite element analysis.

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

(21) Application No.2707/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :03/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : STEERING ANGLE ESTIMATION DEVICE FOR MOTOR VEHICLE

 (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 	:Japan :NA :NA : NA :NA :NA :NA	 (71)Name of Applicant : 1)SUZUKI MOTOR CORPORATION Address of Applicant :300, Takatsuka-cho, Minami-ku, Hamamatsu-shi, Shizuoka-ken , Japan Japan (72)Name of Inventor : 1)Asuka ONOUE 2)Tetsuo YAMASE 3)Reiji KOBAYASHI 4)Kazuya SHIMMURA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A steering angle estimation device for a motor vehicle capable of calculating an estimated value of a steering angle without an error, by correcting a rotation speed of a different diameter wheel, even in a case where a tire of a diameter different from three other wheels is attached to any one wheel of the front and rear, left and right wheels. A different diameter rate calculation unit 44 calculates a different diameter rate of each wheel from a rotation speed of each wheel detected by a front left wheel speed detection sensor 36, a front right wheel speed detection sensor 37, a rear left wheel speed detection sensor 38, and a rear right wheel speed detection sensor 39, and judges that a wheel for which the different diameter rate is large between left and right wheels as a different diameter one, wherein the rotation speed of a wheel that is judged as a different diameter one is corrected by a wheel speed correction unit 46 according to the calculated different diameter rate.

No. of Pages : 45 No. of Claims : 2

(21) Application No.2708/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :03/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : AN ABO BLOOD TYPING INSTRUMENT USING IMPEDANCE MEASUREMENT METHOD

(51) International classification	:G01N33/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GUNA SEKARAN
(32) Priority Date	:NA	Address of Applicant :33, 8TH CROSS, SHANTHI
(33) Name of priority country	:NA	LAYOUT, RAMAMURTHY NAGAR, BANGALORE - 560 016
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)GUNA SEKARAN
(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 illustrates a novel battery operated ABO blood typing instrument that uses a combination of ABO strip 8 and a portable device to determine individuals ABO blood group and Rh factor status from a whole blood. For effective reaction and flow in the reaction area and micro fluidic channels, the instrument uses vibration method to vibrate the ABO strip using micro vibrator. It comprises of electronic circuitries and software programmes to independently measure the impedance level at one or more reaction terminals of the strip to derive ABO blood typing. The invention finds its use in other immunodiagnostic assays to determine other parameters in the blood. Figure 3

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

(19) INDIA

(22) Date of filing of Application :07/06/2014

(21) Application No.1179/CHE/2014 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : TURLINK HYDRO TECH STEP-UP REDGEN POWER SYSTEM

(51) International classification	:H01B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MOHAMMED IBRAHIM PUTHIYAVEEDU
(32) Priority Date	:NA	Address of Applicant :DOOR NO. 5, PUTHIYAVEEDU,
(33) Name of priority country	:NA	KANNANOOR, P.O, NHANGATTIRI, PALAKKAD, PIN - 679
(86) International Application No	:NA	311 Kerala India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MOHAMMED IBRAHIM PUTHIYAVEEDU
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Turlink Hydro Tech step-up Redgen Power System is a hydro electric plant which gets more electricity than the existing plants consists of equally divided array of penstock pipes connected airtight and leak proof. These penstocks are interconnected by a turbine generator combo using reduced bend pipes in between the divided array of penstock pipe at reduction point. A surge pipe with air valves connected parallel to the penstock pipe through valve at certain points to control the pressure and remove air from penstock pipe. A double line system can be provided for an emergency, one line is parallel to another line to support the system for an uninterrupted supply of electricity.

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

(21) Application No.2630/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :28/05/2014

(61) Patent of Addition to Application Number

(43) Publication Date : 22/01/2016

2)PRASENJIT SARKAR

3)PRASHANT KUMAR

5)SREE RANGA SUDHA T K

4)ANOOP SHUKLA

:G06F11/00 (71)Name of Applicant : (51) International classification (31) Priority Document No :NA 1)VMWARE, INC. (32) Priority Date :NA Address of Applicant :3401 Hillview Avenue, Palo Alto, CA (33) Name of priority country 94304, United States of America U.S.A. :NA (86) International Application No (72)Name of Inventor: :NA Filing Date **1)VINEET KUMAR SINHA** :NA

: NA

:NA

:NA

:NA

:NA

(54) Title of the invention : IDENTIFYING TEST GAPS USING CODE EXECUTION PATHS

(57)	Abstract	:	
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Filing Date

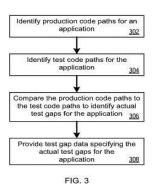
Filing Date

(87) International Publication No

(62) Divisional to Application Number

Systems and techniques are described for identifying test gaps. A described technique includes identifying production code paths for an application. Each production code path specifies a respective sequence of code of the application that was executed in a production environment. Test code paths are identified for the application. Each test code path specifies a respective sequence of code of the application that was tested in a test environment. The production code paths are compared to the test code paths to identify a set of first test gaps for the application. Each first test gap specifies a respective production code path that is not included in the test code paths. Test gap data specifying the first test gaps for the application can be provided for presentation to a user. [FIG. 3]

S005



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

(19) INDIA

(22) Date of filing of Application :02/06/2014

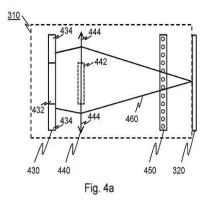
(21) Application No.2701/CHE/2014 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : LIGHT FIELD IMAC	GING	
(51) International classification	:G02B13/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NOKIA CORPORATION
(32) Priority Date	:NA	Address of Applicant :Karakaari 7, 02610 Espoo, Finland
(33) Name of priority country	:NA	Finland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Krishna Annasagar Govindarao
(87) International Publication No	: NA	2)Gururaj Gopal Putraya
(61) Patent of Addition to Application Number	:NA	3)Ravi Shenoy
Filing Date	:NA	4)Mithun Uliyar
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT LIGHT FIELD IMAGING An apparatus comprising a first optical element, a second optical element and an image sensor. The first optical element is configured to focus light with first wavelengths on the second optical element, and the second optical element is invisible to light with second wavelengths and configured to relay an image containing lightfield information on the image sensor from light with the first wavelengths. (Fig. 4a)



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

(21) Application No.2702/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : SYSTEMS AND TECHNIQUES FOR NOZZLE COOLING OF DIESEL EXHAUST FLUID INJECTION SYSTEMS

(51) International classification:F01N3.(31) Priority Document No:13/911(32) Priority Date:06/06/2(33) Name of priority country:U.S.A.(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA	Address of Applicant :500 Jackson Street, Indianapolis, Indiana 47201 United States Of America U.S.A
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(57) Abstract :

A system is provided for delivery of diesel exhaust fluid or other reductant to an injector for release into an engine exhaust aftertreatment system. The injector includes a nozzle assembly that thermally shields the diesel exhaust fluid from the exhaust gas temperatures. A diesel exhaust fluid delivery procedure is also disclosed for nozzle cooling prior to operation of the injector for emissions reduction.

No. of Pages : 30 No. of Claims : 26

(54) Title of the invention : JOURNAL EVENTS IN A FILE SYSTEM AND A DATABASE

(19) INDIA

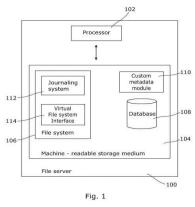
(22) Date of filing of Application :02/06/2014

(43) Publication Date : 22/01/2016

(51) International classification :G06F17/00 (71)Name of Applicant : (31) Priority Document No 1)HEWLETT-PACKARD DEVELOPMENT COMPANY, :NA (32) Priority Date :NA L.P. (33) Name of priority country Address of Applicant :11445 Compaq Center Drive West, :NA (86) International Application No Houston, Texas 77070, United States of America U.S.A. :NA Filing Date (72)Name of Inventor : :NA **1)RAJKUMAR KANNAN** (87) International Publication No : NA (61) Patent of Addition to Application Number :NA 2)ANNMARY JUSTINE KOOMTHANAM Filing Date :NA **3)JOTHIVELAVAN SIVASHANMUGAM** (62) Divisional to Application Number :NA 4) RAMESH KANNAN KARUPPUSAMY Filing Date :NA

(57) Abstract :

In an example technique, a request may be received to insert, update, or delete metadata both to a file in a file system and into a database that stores out-of-band metadata associated with the file. A first journal event may be generated to insert, update, or delete the metadata into the database and define a first value in a consistent field in the database. The first journal event may be processed to insert, update, or delete the metadata into the database. The technique may then process the request to insert, update, or delete the metadata to the file in the file system. A second journal event may be generated to define a second value in the consistent field in the database. The second journal event may be processed to update the second value in the consistent field in the database. [FIG. 1]



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

(21) Application No.2704/CHE/2014 A

(21) Application No.2635/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :29/05/2014

(43) Publication Date : 22/01/2016

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

(51) International classification:B62(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAKaSing DateSing Date:NAFiling Date:NASing Da	(OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil Nadu India (72) Name of Inventor :
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(57) Abstract :

Frame Assembly for a Motorcycle The present invention relates to a split frame assembly (10) for a motorcycle. The split frame assembly (10) described herein includes a main frame portion (101) and a sub frame portion (102) detachably attached to one another by means of a pair of cylindrical connector members (101e) disposed in said main frame portion (101). <To be published with FIG.2>

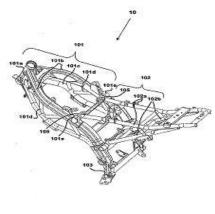


FIG.2

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

(21) Application No.2636/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :29/05/2014

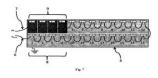
(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD TO RECOVER AND PREVENT POTENTIAL INDUCEDPOWER DEGRADATION IN SOLAR PHOTOVOLTAIC DEVICES

(31) Priority Document No:NA1)TATA POWER SOLAR SYSTEMS LIMITED(32) Priority Date:NAAddress of Applicant :78, Electronics City, Phase I, Hosur(33) Name of priority country:NARoad, Bangalore Tamil Nadu India(86) International Application No:NA(72)Name of Inventor :Filing Date:NA1)Rahul Padavagodu Ramamurthy(87) International Publication No: NA2)Seshadri Devanadhan(61) Patent of Addition to Application Number:NA3)Premchand KarunakaranFiling Date:NA4)Dinesh Kumar(62) Divisional to Application Number:NAFiling Date:NA	 (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 :NA	Address of Applicant :78, Electronics City, Phase I, Hosur Road, Bangalore Tamil Nadu India (72)Name of Inventor : 1)Rahul Padavagodu Ramamurthy 2)Seshadri Devanadhan 3)Premchand Karunakaran
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(57) Abstract :

The solar power plant is provided with a set of solar photovoltaic devices having metallic body frames lying at ground potential, where active solar cells are laminated inside the devices. A set of solar photovoltaic devices are connected in series to form a string. A plurality of such strings is assembled to form a solar photovoltaic system and is grounded with positive terminal or is having floating ground. The solar PV devices are either grounded with positive terminals or having floating grounds. The active solar cells encapsulated inside the PV device form an increasing potential gradient starting from the positive end to the negative terminal of the string in case of positive terminal grounded strings and forms an increasing potential gradient starting from floating ground to the negative terminal of the string. Due to increasing potential stress across the solar cells encapsulated in the PV device, PID induced power degradation takes place. To prevent and to recover PID induced power degradation in solar PV devices, the solar photovoltaic devices in high potential stress zone are identified and repositioned to the low potential stress zone, such that the potential stress across the solar cells is reversed in the solar photovoltaic device.



No. of Pages : 23 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :03/06/2014

(21) Application No.2710/CHE/2014 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : ELECTRICAL JUNCT	TION BOX	
(51) International classification	:H02G3/00	(71)Name of Applicant :
(21) Priority Document No	:2013-	1)YAZAKI CORPORATION
(31) Priority Document No	119041	Address of Applicant :of 4-28, Mita 1-chome, Minato-ku,
(32) Priority Date	:05/06/2013	Tokyo 108-8333, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)FURUYA, Hiroyasu
Filing Date	:NA	2)WATANABE, Norio
(87) International Publication No	: NA	3)KURIZONO, Ayumu
(61) Patent of Addition to Application Number	:NA	4)YAGI, Toshihisa
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An electrical junction box includes a body case, a base and a side cover. The base is assembled into the body case. The side cover is configured to slide with respect to the body case to close a notch part formed in a peripheral wall of the body case. A lock is configured to fix the side cover is provided at the base.

No. of Pages : 27 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :03/06/2014

(21) Application No.2711/CHE/2014 A

(43) Publication Date : 22/01/2016

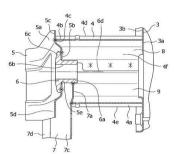
:B60R19/00 (71)Name of Applicant : (51) International classification 1)SUZUKI MOTOR CORPORATION :2013-(31) Priority Document No 142816 Address of Applicant :300, Takatsuka-cho, Minami-ku, :08/07/2013 Hamamatsu-shi, Shizuoka-ken, Japan Japan (32) Priority Date (33) Name of priority country (72)Name of Inventor : :Japan (86) International Application No :NA 1)Yoshitaka USUDA Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : NUT MOUNTING STRUCTURE OF BUMPER MEMBER

(57) Abstract :

[Problem to be solved] To provide a nut mounting structure of a bumper member that can firmly support a towing hook fastened to a nut, can efficiently absorb a load on a vehicle body, and can allow a smaller vehicle body. [Solution] A nut mounting structure of a bumper member includes: crush boxes arranged on respective front end portions of a pair of side members; a bumper member having a substantial plate shape mounted on the pair of crush boxes; a nut mounted on at least one of overlapping areas of the bumper member, wherein the overlapping area has a cross section formed so as to have a hat shape while protruding from a vehicle front side toward a vehicle rear side, in a state in which the nut is inserted into a nut mounting hole of a bottom part of the overlapping area, a nut flange of the nut is in contact with and joined to the bottom part, and the upper portion of the brace is joined to the crush boxes, the bumper member, and the nut. [Figure 3]

FIG.3



No. of Pages : 27 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :23/05/2014

(21) Application No.2577/CHE/2014 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND DEVICE FOR DETERMINING VITAMIN B12 DEFICIENCY

(51) International classification	:A61B5/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Innovation Centre, Manipal University
(32) Priority Date	:NA	Address of Applicant :MIT, Manipal 576104, Karnataka,
(33) Name of priority country	:NA	I dia. Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Tulasi Kota Karanth
(87) International Publication No	: NA	2)Sowmyashree Kota Karanth
(61) Patent of Addition to Application Number	:NA	3)Dr. Veena Kota Laxminarayan Karanth
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

According to the aspect of the present invention, method of detecting Vitamin B12 deficiency comprises of determining the color code corresponding to the skin color of the finger joint and the finger bone adjacent to the finger joint. According to yet another aspect, the color code corresponding to the skin color of the finger joint and skin color of the finger bone is computed to determine the difference between the color codes (skin color of finger joint and skin color of finger bone). The difference in the color codes determines the presence of Vitamin B12 deficiency if the computed result is greater than one. According to yet another aspect, a scanning device is configured to scan the skin color of the finger joint and the finger bone. According to yet another aspect, the device is configured to generate the corresponding color codes and compute the difference between the color codes to determine the presence of Vitamin B12 deficiency.

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

(21) Application No.2652/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :29/05/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND SYSTEM FOR CREATING AND PRESENTING MULTI-CAMERA OR ZOOM VIEW IN ANIMATED VIDEOS

(57) Abstract :

ABSTRACT Embodiments herein disclose a method and system to provide a simple and robust cloud based DIY video making app for creating a studio quality video feel with minimal video making experience. The method includes editing or creating one or more display elements in a frame by zooming the frame at different levels along with the movement of the display elements based on user inputs. A plurality of time frames can be added or re-adjusted while maintaining a studio quality output. The display elements in the frame can be rotated or moved freely, for example, to get a panoramic view in the frame along with the functions of Cameraln and CameraOut. FIG. 3

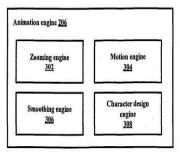


FIG.3

No. of Pages : 32 No. of Claims : 8

(21) Application No.2653/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :29/05/2014

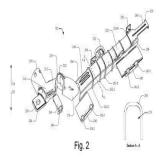
(43) Publication Date : 22/01/2016

(54) Title of the invention : PROTECTOR FOR W	VIRE HARNESS	
(51) International classification	:B60R16/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NISSAN MOTOR CO., LTD.
(32) Priority Date	:NA	Address of Applicant :2, Takara-cho, Kanagawa-ku,
(33) Name of priority country	:NA	Yokohama-shi, Kanagawa, 2210023 Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)THIRUGNANASAMBANTHAM, Suresh
(87) International Publication No	: NA	2)LUCAS, Sebastin
(61) Patent of Addition to Application Number	:NA	3)KUMAR, Ramanan
Filing Date	:NA	4)CHANDRASEKARAN, Dinesh
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

DEATECTOR FOR WIDE HADNERS

(57) Abstract :

The present subject matter relates to a protector (102) for protecting a wire harness (304) in a vehicle (100). In one implementation, the protector (102) includes a housing (202), where the housing (202) comprises a first longitudinal groove (210) for receiving the wire harness (304). The protector (102) also includes an arm (212), where a second end (216) of the arm (212) is coupled to a first end (204) of the housing (202), and where the arm (212) is adapted to rotate about the second end (216). In said implementation, the protector (102) further includes a first lid (236), where a first side of the first lid (236) is coupled to the first end (204) of the housing (202), and where the first lid (236) is adapted to rotate about its first side for locking the arm (212) with the housing (202).



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

(21) Application No.2654/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :29/05/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : DETERMINATION OF MOBILE DEVICE LOCATION AND TIME FOR AN ASSOCIATED PRINTING 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 	:NA :NA :NA :NA : NA :NA	 (71)Name of Applicant : 1)HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. Address of Applicant :11445 Compaq Center Drive West, Houston, Texas 77070 U.S.A. (72)Name of Inventor : 1)BHASKARAN, Shinoj
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

Examples disclosed herein relate to determination of mobile device location and time for an associated printing device. Examples include acquisition of a request to print content, via the remote printing service, at a printing device and, in response to the request, determination of whether a mobile device, associated with the printing device by the remote printing service, has been located at least a threshold distance away from the identified printing device for at least a threshold amount of time.

No. of Pages : 32 No. of Claims : 15

(21) Application No.2724/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :03/06/2014

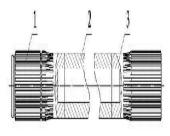
(43) Publication Date : 22/01/2016

(54) Title of the invention : AXLE SHAFT AND WHEEL END ASSEMBLY FOR A HUB REDUCTION DRIVE AXLE IN HEAVY DUTY TRUCKS

(51) International classification	:F16D	(71)Name of Applicant :
(31) Priority Document No	:201310228557.6	
(32) Priority Date	:08/06/2013	Address of Applicant : Jingwei Industrial Park, Xi [™] an
(33) Name of priority country	:China	Economic and Technological Development Zone, Xi'an City,
(86) International Application No	:NA	Shaan Xi 710201, P. R. China. China
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ZHANG, Zhongjiang
(61) Patent of Addition to Application Number	:NA	2)CHANG, Jianping
Filing Date	:NA	3)LI, Senlin
(62) Divisional to Application Number	:NA	4)DONG, Lishe
Filing Date	:NA	

(57) Abstract :

The invention relates to an axle shaft used for a hub reduction drive axle in a heavy duty truck. The purpose of the invention is to provide an axle shaft with lighter weight, higher reliability, less development time and lower cost. It includes a hollow shaft and two spline shafts, one of spline shafts connects with a sun gear in a wheel end and the other one connects with a differential side gear. Spline is provided on the outer surface at one end of each spline shaft and the other end with a hollow chamber is welded with one end of hollow shaft. Preferably, the diameter of said cavity on the end of spline shaft equals to the diameter of the cavity in the hollow shaft. Said hollow shaft and two spline shafts are made from S45C steel with quenched surface and the hardened depth is from 6 to 11 mm. The invention also discloses a wheel end assembly including a wheel end, a brake drum, an axle shaft for drive axle, a sun gear, a planet gear and a hub reduction case. FIG. 1



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

(21) Application No.2585/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :26/05/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : A CONCEALABLE STAGE FOR THE PROJECTION OF HOLOGRAPHIC VIRTUAL IMAGES

 (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 	:G03B :NA :NA :NA :NA :NA : NA :NA :NA	 (71)Name of Applicant : 1)BHAIRAV SHANKAR Address of Applicant :#89, SRINAGAR NAGAR COLONY, HYDERABAD - 500 073 Andhra Pradesh India (72)Name of Inventor : 1)BHAIRAV SHANKAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses an improved concealable and a collapsible system for outdoor purposes for projecting holographic images depending on the ambient light, wind and other environment. This system comprises of projection screen (106) and medium for projection (104) hingedly attached along one of its length by hydraulic pumps (105), a plurality of sensors attached to the projection screen (106), a ultra-throw projector (103) and other surrounding structures (102) for image enhancement. The concealable stage not only provides protection from external forces but also does not obscure the natural scenic beauty. Figure 2

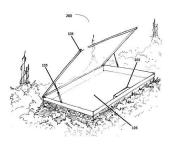


Figure 2 No. of Pages : 16 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :26/05/2014

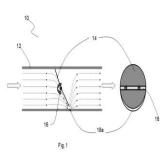
(21) Application No.2587/CHE/2014 A

(43) Publication Date : 22/01/2016

(51) International classification	:F02D9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Bosch Limited
(32) Priority Date	:NA	Address of Applicant : Post Box No 3000, Hosur Road,
(33) Name of priority country	:NA	Adugodi, Bangalore 560030, Karnataka, INDIA Karnataka Indi
(86) International Application No	:NA	2)Robert Bosch GmbH
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RAMACHANDRA Pradeep
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A throttle valve (10) for controlling the air supply to an engine is disclosed. It is envisaged that the throttle valve (10) has a throttle bore (12) with a throttle flap (14) positioned within the throttle bore (12). The throttle flap (14) is adapted to be rotated by an actuating means in the throttle bore (12) and control the air supply to the engine. The throttle flap (14) is provided with at least one deformation (18) such that the deformation (18) increases the flow velocity of air passing across the throttle flap(14) in proximity of said deformation (18) reducing the carbon deposition. Reference figure: Figure 1



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

(21) Application No.2663/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :30/05/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : PREPARATION OF SALTS OF POSACONAZOLE INTERMEDIATE

 (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 	:C07D :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)Dr. Reddy[™]s Laboratories Limited Address of Applicant :8-2-337, Road No. 3, Banjara hills, Hyderabad , Andhra Pradesh, India Andhra Pradesh India (72)Name of Inventor : 1)Oruganti Srinivas 2)Rapolu Rajesh Kumar 3)Vilas Hareshwar Dahanukar 4)Elati Ravi Ram Chandrasekhar
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(57) Abstract :

Aspects of the present invention relate to salts of N-2-(benzyloxy)pentane-3-yl formylhydrazide and their use in preparation of posaconazole.

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

(21) Application No.2736/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :04/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD, APPARATUS AND HOLLOW CORE FORMING MEMBER FOR CASTING CONCRETE PRODUCTS BY SLIPFORM CASTING

	 (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 	:20135731 :04/07/2013 :Finland :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)ELEMATIC OY AB Address of Applicant :PL 33, FI-37801 AKAA Finland (72)Name of Inventor : 1)SAHALA, TARMO 2)JARVINEN, LASSI 3)RAUKOLA, LEENA
Filing Date ·NA	(62) Divisional to Application Number	:NA :NA	
	(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Abstract A method for casting a hollow core concrete product with a substantially horizontal slipform casting process, where concrete mass is fed at least in one feeding stage through a limited cross-section (5, 6, 7) moving progressively along with the cast, and at least one core is formed in the concrete product to be cast with a core forming member (4), wherein the thickness of webs between the cores of the product to be cast are changed during the slipform casting process by chang¬ing the width of the at least one core forming member (4). The invention also relates to such an apparatus and a core forming member. FIG. 4A

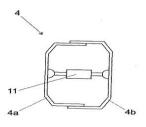


FIG. 4A

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

(19) INDIA

(22) Date of filing of Application :04/06/2014

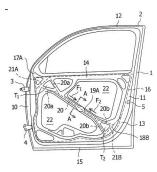
(21) Application No.2737/CHE/2014 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : VEHICLE DOOR STRUCTURE		
(71)Name of Applicant :		
 1)SUZUKI MOTOR CORPORATION Address of Applicant :300, Takatsuka-cho, Minami-ku, 		
/2013 Hamamatsu-shi, Shizuoka-ken, Japan Japan		
(72)Name of Inventor :		
1)Kazuhide TSUCHIYA		
2)Koji DOTA		
)		

(57) Abstract :

[Problem to be Solved] To provide a vehicle door structure that can improve door rigidity by devising the shape of a door inner panel in dealing with negative pressure loads produced during high-speed running. [Solution] A vehicle door structure is assembled onto a door mounting frame of a vehicle via hinges mounted on upper and lower parts of a first lateral hem of a door inner panel, which is a component of a door panel, with a latch being mounted at a vertical intermediate position of a second lateral hem of the door inner panel, the vehicle door structure including a first main reinforcement 19A provided on a panel surface 13 under a window frame 12 of the door inner panel 1, linking a beltline corner on a front end of a door to a lower corner on a rear end of the door. [Selected Drawing] Figure 1



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

(19) INDIA

(21) Application No.2579/CHE/2014 A

(22) Date of filing of Application :24/05/2014 (43)

(43) Publication Date : 22/01/2016

(54) Title of the invention : GESTURE BASED HUMAN MACHINE INTERFACE USING MARKER

(33) Name of priority country:1(86) International Application No:1	NA NA NA	1)Centre for Development of Telematics Address of Applicant :Electronics City Phase-1, Hosur Road, Bangalore-560100, Karnataka, India. Karnataka India (72)Name of Inventor :
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 11 	NA NA NA NA NA	1)TYAGI, Vipin 2)Sridharan B 3)DUTTA, Pallab 4)GADGE, Maheshkumar Yadavrao 5)BABU, Giri

(57) Abstract :

The present disclosure relates to system and method for gesture recognition for emulating a mouse for human machine interface wherein displacements, direction of displacements of cursor as also double click actions of mouse can be emulated by instinctive hand gestures. The method uses a marker as gesture interface and therefore does not depend on hand segmentation techniques, which suffer from deficiencies related to lighting conditions, variation of skin color from person to person and complexities of background.

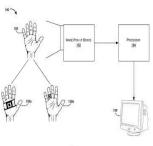


FIG. 1

No. of Pages : 26 No. of Claims : 13

(21) Application No.2655/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :30/05/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : A DEVICE AND METHOD TO LIMIT OPERATION OF AN AUTO-STOP SYSTEM OF A VEHICLE

(51) International classification:F0(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number: NAFiling Date: NA(62) Divisional to Application Number: NAFiling Date: NA(62) Divisional to Application Number: NAFiling Date: NA	 (71)Name of Applicant : Robert Bosch Engineering and Business Solutions Limited Address of Applicant :123, Industrial Layout, Hosur Road, Koramangala, Bangalore 560095, Karnataka, INDIA Karnataka India 2)Bosch Limited 3)Robert Bosch GmbH (72)Name of Inventor : PARMAR Manojkumar Somabhai RAMACHANDRA Pradeep REDDEMREDDY Pramod SHETTY Ajay
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(57) Abstract :

The various embodiment of the present disclosure provides a device to limit operation of an auto-stop system of a vehicle. The device comprises at least one sensing and measuring means (102) for measuring at least one vehicle parameter, and an Engine Control Unit (ECU) (104). The ECU (104) is adapted to process at least one vehicle parameter and calculate at least one control factor. A value of the control factor limits auto-stop operation of the vehicle. The ECU (104) then compares at least one control factor against a respective threshold value, and limits the auto-stop system based on the comparison. Reference figure: Figure 1

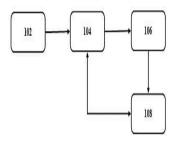


Figure 1

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

(22) Date of filing of Application :30/05/2014

(19) INDIA

(21) Application No.2656/CHE/2014 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : PICTURE IN PICTURE RECORDING OF MULTIPLE REGIONS OF INTEREST

(51) International classification:H04N5.(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No:NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(63) Date:NA(64) Date:NA(65) Divisional to Application Number:NAFiling Date:NAState:NAState:NAFiling Date:NAState:NAState:NAState:NAState:NAState:NAState:NAState:NAState:NA	 (71)Name of Applicant : 1)INTEL CORPORATION Address of Applicant :2200 Mission College Boulevard Santa Clara, California 95054-1549, USA U.S.A. (72)Name of Inventor : 1)SREENIDHI A. KOTI 2)MANOJ GOPALAKRISHNAN 3)ROHIT K. CHORARIA 4)PRASANNA KRISHNASWAMY
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(57) Abstract :

Particular embodiments described herein provide for an electronic device that can include a main camera, at least one array of cameras, and a display to display an image captured by the main camera, wherein the image includes more than one region of interest and each region of interest is displayed in a separate picture in picture image on the display. A stream synchronization process module can capture the image and each separate picture in picture image as a separate video stream or as a single video stream.

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

(21) Application No.2730/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :04/06/2014

(54) Title of the invention : STRUCTURAL RESPONSIVENESS OF MAGNETORHEOLOGICAL FLUID DAMPERS USING SEMI-ACTIVE SUSPENSION SYSTEM

(51) International classification	:G01V	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SARAVANAN P
(32) Priority Date	:NA	Address of Applicant :NO. 70, RAJA AGRAHARAM
(33) Name of priority country	:NA	STREET., POONAMALLEE, CHENNAI - 600 056 Tamil Nadu
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SARAVANAN P
(61) Patent of Addition to Application Number	:NA	2)DR. MAGESWARI M
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The use of structural protective systems to mitigate the effects of dynamic environmental hazards, such as earthquakes and strong wind, on civil engineering structures has been generated in recent years. These structurally protective systems usually employ supplemental damping devices to increase the energy dissipation capability of the structurally protective building. One of the most promising new devices proposed for structural protection is magneto-rheological (MR) fluid dampers. Because of its mechanical simplicity, high dynamic range, low power requirements, large force capacity, and robustness, this class of devices has been shown to mesh well with application demands and constraints to offer an attractive means of protecting civil infrastructure systems against severe earthquake and wind loading. To improve the MR damper response time, a force feedback control scheme used in conjunction with a back-driven current approach is proposed and experimentally shown to be effective. This present study is about the design and experimentation of magneto-rheological (MR) fluid damper in resisting G+6 Structures. A scaled prototype of the proposed structures and dampers is tested under seismic loading conditions by shock table test.

No. of Pages : 43 No. of Claims : 5

(21) Application No.2731/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :04/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND SYSTEM FOR CUSTOMIZATION OF RICH MEDIA

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INMOBI PTE LTD
(32) Priority Date	:NA	Address of Applicant :65 CHULIA STREET, #25-01/02/03
(33) Name of priority country	:NA	OCBC CENTRE, SINGAPORE 049513 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ROY, RATUL
(87) International Publication No	: NA	2)MOULICA, HARISH CH
(61) Patent of Addition to Application Number	:NA	3)RAVIKUMAR HA
Filing Date	:NA	4)PUNITH KUMAR G
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
 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)ROY, RATUL 2)MOULICA, HARISH CH 3)RAVIKUMAR HA

(57) Abstract :

The present invention provides a method and a system for placing data on at least one of a web page and a mobile application. The method and system includes extracting colour information from at least one of the web page and the mobile application. Extracting the colour information includes the step of classifying each pixel of at least one of the web page and the mobile application into a cluster of a plurality of clusters. Further, the method and system includes assigning an attribute from a plurality of attributes to the cluster of the plurality of clusters. Furthermore, the method and system includes creating a plurality of Cascading Style Sheets (CSS) classes. In addition, the method and system includes customizing the data based on the plurality of CSS classes. Additionally, the method and system includes placing the data on at least one of the web page and the mobile application.

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

(19) INDIA

(21) Application No.2668/CHE/2014 A

(22) Date of filing of Application :30/05/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : IN-SITU PROCESS FOR MINIMIZING LEAD ENTRAPMENT IN DROSS DURING DROSS REMOVAL FROM MOLTEN LEAD BATH

(51) International classification	:C22B13/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Amara Raja Batteries Limited
(32) Priority Date	:NA	Address of Applicant :Karakambadi-517 520, Tirupati, Andhra
(33) Name of priority country	:NA	Pradesh, India. Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KALLIPUDI, Sivaprasad
(87) International Publication No	: NA	2)MARAPPAN, Raja
(61) Patent of Addition to Application Number	:NA	3)BYRABOINA, Madhava Rao
Filing Date	:NA	4)KURIVELLA, Suryanarayana Murthy
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an in-situ process for minimizing lead entrapment in the dross during dross skimming and removal from molten lead bath comprising the steps of: a) providing a molten lead bath comprising a dross; b) adding a predetermined amount of sodium hydroxide on the dross surface; c) separation of lead from the dross and d) retention of lead in the molten bath while removing the dross. The present invention is advantageous in that the process is easier, speedy and cost effective; the process can be carried out directly in a pot that is used for melting as well as holding molten lead; no requirement of any external energy; handling of dross to recover entrapped metallic lead is minimized. In the present process the lead entrapped in the dross of a molten lead bath is reduced by 69-79% when compared to dross without sodium hydroxide treatment.

No. of Pages : 19 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :30/05/2014

(21) Application No.2669/CHE/2014 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : SYSTEM AND METHOD FOR PROVIDING AN OPTIMIZED AIRCRAFT TURNAROUND SCHEDULE

 (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 :NA	 (71)Name of Applicant : 1)AIRBUS INDIA OPERATIONS PVT. LTD. Address of Applicant :Xylem, No. 4, Devasandra Industrial Area, Mahadevapura Post, Whitefield Road, Bangalore - 560048, Karnataka, India Karnataka India (72)Name of Inventor : 1)ASHUTOSH AGRAWAL 2)NETRA GOWDA
Filing Date	:NA :NA :NA	2)NETRA GOWDA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A system and method for providing an aircraft turnaround schedule are disclosed. In one embodiment, a time taken for each aircraft turnaround activity is obtained from touchdown to takeoff of an aircraft from an aircraft on-board system by a ground station system. Further, the aircraft turnaround schedule is computed based on the obtained time taken for each aircraft turnaround activity using a dynamic buffer management approach by the ground station system. [FIG. 1]

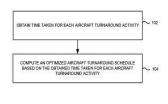




FIG. 1 No. of Pages : 41 No. of Claims : 27

(21) Application No.2743/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :04/06/2014

(43) Publication Date : 22/01/2016

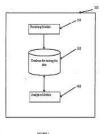
(54) Title of the invention : METHOD AND SYSTEM OF IDENTIFYING A TARGET SET OF MOBILE DEVICE USER

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MUBBLE NETWORKS PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :#16, 2A CROSS, SBI COLONY,
(33) Name of priority country	:NA	KORAMANGALA 3RD BLOCK, BANGALORE-560034,
(86) International Application No	:NA	INDIA Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)KUMAR JHA, PRANAV
(61) Patent of Addition to Application Number	:NA	2)RAMASWAMY, ASHWIN
Filing Date	:NA	3)VERMA, RAGHVENDRA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT METHOD AND SYSTEM OF IDENTIFYING A TARGET SET OF MOBILE DEVICE USER A method of identifying a target set of mobile device users is disclosed. The disclosed method comprises of collecting time series usage data for multiple usage parameters from mobile devices of a group of users, analyzing the usage data to identify clusters, such that each usage parameter is given a priority rank and a cluster is identified by giving weightage to each usage parameter based on its priority rank. Further, the method comprises of analyzing each cluster to extract a usage pattern, the usage pattern describing usage behavior of a user of a mobile device from that cluster. Further, the method comprises of collecting user attitude data from each user of the group of users, identifying co-relations between the usage pattern and the user attitude data for a cluster and, on identifying a co-relation, linking the usage pattern to the attitude data and saving the usage pattern as a target set of mobile device users. Figure 1

Figure 1



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

(19) INDIA

(22) Date of filing of Application :04/06/2014

(21) Application No.2745/CHE/2014 A

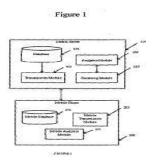
(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND SYSTEM OF DETERMINING AN USER ATTITUDE PROFILE FOR A MOBILE DEVICE USER

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MUBBLE NETWORKS PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :#16, 2A CROSS, SBI COLONY,
(33) Name of priority country	:NA	KORAMANGALA 3RD BLOCK, BANGALORE-560034,
(86) International Application No	:NA	INDIA Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)KUMAR JHA, PRANAV
(61) Patent of Addition to Application Number	:NA	2)RAMASWAMY, ASHWIN
Filing Date	:NA	3)VERMA, RAGHVENDRA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

METHOD AND SYSTEM OF DETERMINING AN USER ATTITUDE PROFILE FOR A MOBILE DEVICE USER A method of determining an user attitude profile for a mobile device user is disclosed. The method comprises of collecting usage data for multiple usage parameters on the mobile device of a user, analyzing the usage data to identify a usage pattern; such that each usage parameter is given a priority rank and a usage pattern is identified by giving weightage to each usage parameter based on itTMs priority rank, the usage pattern describing usage behavior of the user. The method further comprises of matching the usage pattern with a set of predefined usage patterns, each predefined usage pattern having linked user attitude profile, and generating a matching score for the usage pattern with one or more of the predefined usage patterns; the matching score indicating the probability of the user matching one or more user attitude profile. Figure 1



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

(19) INDIA

(22) Date of filing of Application :05/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : ISOLATING AND IDENTIFYING THE ACTIVE CONSTITUENT OF ETHYL ACETATE LEAF EXTRACT OF ALPINIA PURPURATA, BEING A CONSTITUENT FOR THE TREATMENT OF OVARIAN CANCER

(51) International classification	:G01N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. V.K. GOPALAKRISHNAN
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF
(33) Name of priority country	:NA	BIOCHEMISTRY, KARPAGAM UNIVERSITY, POLLACHI
(86) International Application No	:NA	MAIN ROAD, COIMBATORE - 641 021 Tamil Nadu India
Filing Date	:NA	2)DR. C. ARUL RAJ
(87) International Publication No	: NA	3)KARPAGAM UNIVERSITY
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. V.K. GOPALAKRISHNAN
(62) Divisional to Application Number	:NA	2)DR. C. ARUL RAJ
Filing Date	:NA	3)KARPAGAM UNIVERSITY

(57) Abstract :

ABSTRACT OF THE INVENTION The process for isolating and identifying the active constituent of ethyl acetate leaf extract of Alpinia purpurata, being a constituent for the treatment of Ovarian cancer, according to this invention, comprises the steps, Column chromatography and Thin layer column chromatography for the separation of active constituents; Fourier transforms infrared (FTIR) spectroscopy for analysis of the phytoconstituents functional groups; identification of the structure of the active constituents by Nuclear Magnetic Resonance (NMR) spectroscopy: two dimensional nuclear magnetic resonance (2D NMR) spectroscopy for resolving and identifying the nature of chemical sites in the sample; HSQC (Heteronuclear Single Quantum Coherence) for the detection of bond couplings; H - H COSY (Homonuclear Correlation Spectroscopy) for revealing correlations between coupled protons; HMBC (Heteronuclear Multiple Bond Coherence) also for the detection of bond couplings; the overall analysis indicating a structure of the active constituent of the said extract with a molecular formula = CtOs, Molecular weight: 312.49 grams/mole and the Compound name: (4-hydroxycyclohexyl) methyl dodecanoate.

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

(21) Application No.2752/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :05/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : ISOLATION AND CHARACTERIZATION OF ACTIVE CONSTITUENT FROM TYLOPHORA PAUCIFLORA, BEING A COMPONENT FOR THE TREATMENT OF PROSTATE 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 (62) Divisional to Application Number Filing Date (52) Divisional to Application Number Filing Date (53) Name of Application Number (54) Divisional to Application Number (55) Date (56) Date (57) Date (57) Date (57) Date (58) Date (59) Date (59) Date (50) Date (51) Date (51) Date (52) Divisional to Application Number (52) Divisional to Application Number (53) Date (54) Date (55) Date (56) Date (57) Date (57) Date (58) Date (59) Date (50) Date (50) Date (51) Date (51) Date (52) Date (53) Date (54) Date (54) Date (55) Date (55) Date (56) Date (57) Date (57) Date (58) Date (58) Date (59) Date (59) Date (50) Date (50) Date (51) Date (51) Date (52) Date (53) Date (54) Date (54) Date (55) Date (55) Date (56) Date (57) Date (57) Date (58) Date (58)	A Address of Applicant :DEPARTMENT OF BIOCHEMISTRY AND BIOINFORMATICS, KARPAGAM UNIVERSITY, POLLACHI MANI ROAD, COIMBATORE - 641 021 Tamil Nadu India 2)MR. T. STARLIN 3)KARPAGAM UNIVERSITY (72)Name of Inventor : 1)DR. V.K. GOPALAKRISHNAN 2)MR T. STARLIN
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(57) Abstract :

A process for isolating and identifying the active constituent of ethanolic extract of Tylophora pauciflora, being a constituent for the treatment of ovarian cancer, comprising the steps, in combination, of subjecting samples of the said extract to Column chromatography and Thin layer column chromatography for the separation of active constituents; Fourier transforms infrared (FTIR) spectroscopy for analysis of the phytoconstituents functional groups for identifying the functional groups; identification of the structure of the active constituents by Nuclear Magnetic Resonance (NMR) spectroscopy: two dimensional nuclear magnetic resonance (2D NMR) spectroscopy for resolving and identifying the nature of chemical sites in the sample; HSQC (Heteronuclear Single Quantum Coherence) for the detection of bond couplings; H - H COSY (Homonuclear Correlation Spectroscopy) for revealing correlations between coupled protons; the overall analysis indicating a structure of the active constituent of the said extract with a molecular formula = Ctb molecular weight equal to 226.44 grams / mole, compound name: Hexadecane.

No. of Pages : 7 No. of Claims : 3

(21) Application No.2753/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :05/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : ISOLATING AND IDENTIFYING THE ACTIVE CONSTITUENT OF ETHANOLIC EXTRACT OF CAYRATIA IRIFOLIA, BEING A CONSTITUENT FOR THE TREATMENT OF OVARIAN CANCER

(57) Abstract :

A process for isolating and identifying the active constituent of ethanolic extract of Cayratia trifolia, being a constituent for the treatment of ovarian cancer, comprising the steps, in combination, of subjecting samples of the said extract to Column chromatography and Thin layer column chromatography for the separation of active constituents; Fourier transforms infrared (FTIR) spectroscopy for analysis of the phytoconstituents functional groups for identifying the functional groups; identification of the structure of the active constituents by Nuclear Magnetic Resonance (NMR) spectroscopy: two dimensional nuclear magnetic resonance (2D NMR) spectroscopy for resolving and identifying the nature of chemical sites in the sample; HSQC (Heteronuclear Single Quantum Coherence) for the detection of bond couplings; H - H COSY (Homonuclear Correlation Spectroscopy) for revealing correlations between coupled protons; HMBC (Heteronuclear Multiple bond Coherence) also for the detection of bond couplings; the overall analysis indicating a structure of the active constituent of the said extract with a molecular formula = C13H32O, molecular weight equal to 264.44 grams / mole, compound name: Linolenyl Alcohol.

No. of Pages : 7 No. of Claims : 3

(21) Application No.2678/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :30/05/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : LOW REFRACTIVE INDEX FILM-FORMING COMPOSITION, METHOD FOR PRODUCING THE SAME, AND METHOD FOR FORMING LOW REFRACTIVE INDEX FILM

 (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 	:C09D :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)MITSUBISHI MATERIALS CORPORATION Address of Applicant :3-2, Otemachi 1-chome, Chiyoda-ku, Tokyo 100-8117 Japan (72)Name of Inventor : 1)HIGANO, Satoko 2)YAMASAKI, Kazuhiko
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(57) Abstract :

To provide a low refractive index film-forming composition for forming a low refractive index film which has a low refractive index, produces a strong antireflection effect, exhibits excellent adhesiveness with respect to a substrate, and is excellent in water repellency or antifouling properties of the coat surface; a production method of the composition; and a method for forming a low refractive index film. [Means for Resolution] The low refractive index film-forming composition is prepared by generating a hydrolysate of (A) a silicon alkoxide by mixing the (A) silicon alkoxide with (B) water, (C) an inorganic acid or an organic acid, and (D) an organic solvent at a predetermined ratio, and mixing the hydrolysate with (E) silica sol, which is obtained by dispersing fumed silica particles in a liquid medium, at a predetermined ratio.

No. of Pages : 54 No. of Claims : 5

(21) Application No.2754/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :05/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : ISOLATING AND IDENTIFYING THE ACTIVE CONSITUENT FROM THE ETHANOLIC LEAF EXTRACT OF BARLERIA CRISTATA L, BEING A CONSTITUENT FOR THE TREATMENT OF DIABETES

(51) International classification	:a61k	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. K. DEVAKI
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF
(33) Name of priority country	:NA	BIOCHEMISTRY, KARPAGAM UNIVERSITY, POLLACHI
(86) International Application No	:NA	MAIN ROAD, COIMBATORE - 641 021 Tamil Nadu India
Filing Date	:NA	2)DR. R. NARMADHA
(87) International Publication No	: NA	3)KARPAGAM UNIVERSITY
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. K. DEVAKI
(62) Divisional to Application Number	:NA	2)DR. R. NARAMADHA
Filing Date	:NA	3)KARPAGAM UNIVERSITY

(57) Abstract :

ABSTRACT OF THE INVENTION The process for isolating and identifying the active constituent of ethanolic leaf extract of Barleria cristata , being a constituent for the treatment of diabetes, according to this invention, comprises the steps, in combination, of subjecting samples of the said extract to High Performance Thin Layer Chromatography (HPTLC) for indicating the presence of phenol, flavonoid, alkaloid and steroid profiles; Column chromatography and Thin layer column chromatography for the separation of active constituents; Fourier transforms infrared (FTIR) spectroscopy for analysis of the phytoconstituents functional groups; identification of the structure of the active constituents by Nuclear Magnetic Resonance (NMR) spectroscopy: two dimensional nuclear magnetic resonance (2D NMR) spectroscopy for resolving and identifying the nature of chemical sites in the sample; HSQC (Heteronuclear Single Quantum Coherence) for the detection of bond couplings;]H - H COSY (Homonuclear Correlation Spectroscopy) for revealing correlations between coupled protons; the overall analysis indicating a structure of the active constituent of the said extract with a molecular formula = GyHuCU, Molecular weight: 161 grams/mole and the Compound name: 3-ethoxy-2, 2-dimethyl-3-oxopropanoic acid.

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

(21) Application No.2755/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :05/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : ISOLATING AND IDENTIFYING THE ACTIVE CONSTITUENT FORM THE ETHANOLIC EXTRACT OF ANANUS COMOSUS (L.) MERR PEEL, BEING A CONSTITUENT FOR THE TREATMENT OF MAMMARY CANCER

		(71)Name of Applicant :
(51) International classification	:c07D	1)DR. K. DEVAKI
(31) Priority Document No	:NA	Address of Applicant :DEPARTMENT OF
(32) Priority Date	:NA	BIOCHEMISTRY, KARPAGAM UNIVERSITY, POLLACHI
(33) Name of priority country	:NA	MAIN ROAD, COIMBATORE - 641 021 Tamil Nadu India
(86) International Application No	:NA	2)DR. C. UMA
Filing Date	:NA	3)DR. M. KALAISELVI
(87) International Publication No	: NA	4)KARPAGAM UNIVERSITY
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. K. DEVAKI
(62) Divisional to Application Number	:NA	2)DR. C. UMA
Filing Date	:NA	3)DR. M. KALAISELVI
		4)KARPAGAM UNIVERSITY

(57) Abstract :

The process for isolating and identifying the active constituent of ethanolic extract of Ananus comosus peel being a constituent for the treatment of mammary cancer, comprising the steps, in combination, of subjecting samples of the said extract to High Performance Thin Layer Chromatography (HPTLC) for indicating the presence of alkaloid, phenol, flavonoid, steroid, terpenoid and glycoside profiles; Column chromatography and Thin layer column chromatography for the separation of active constituents; Fourier transforms infrared (FTIR) spectroscopy for analysis of the functional groups; identification of the structure of the active constituents by Nuclear Magnetic Resonance (NMR) spectroscopy: two dimensional nuclear magnetic resonance (2D NMR) spectroscopy for resolving and identifying the nature of chemical sites in the sample; HSQC (Heteronuclear Single Quantum Coherence) for the detection of bond couplings; !H - H COSY (Homonuclear Correlation Spectroscopy) for revealing correlations between coupled protons; HMBC (Heteronuclear Multiple bond Coherence) also for the detection of bond couplings; the overall analysis indicating a structure of the active constituent of the said extract with a molecular formula =; C24H42O21NS; molecular weight equal to 712.0 grams/mole, compound name: 2-amino-2-(2-(3,5-dihydroxy-2-(hydroxyl methyl)-6-(2,3,5 trihydroxy- 6-(hydroxyl methyl)-tetrahydro-2H-pyran-4-yloxy)-tetrahydro-2H-pyran-3,4,5-thiol

No. of Pages : 11 No. of Claims : 3

(21) Application No.2682/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :01/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : SYSTEM AND METHOD FOR DETERMINING A NUMBER OF USERS AND THEIR RESPECTIVE POSITIONS RELATIVE TO A DEVICE

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INTEL CORPORATION
(32) Priority Date	:NA	Address of Applicant :2200 Mission College Boulevard Santa
(33) Name of priority country	:NA	Clara, California 95054-1549, USA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RAGHVENDRA MALOO
(87) International Publication No	: NA	2)GOKUL V. SUBRAMANIAM
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Particular embodiments described herein provide for a system, an apparatus, and a method for determining a number of users and their respective positions relative to a device. One example embodiment includes acquiring touch point data from a hand of a user, clustering the touch point data, and determining a respective position of the user by mapping the clustered touch point data to a predefined hand pattern. The touch point data can include a plurality of touch points and a distance between each touch point is used to cluster the touch point data. In one example, the touch point data may be acquired using a touch sensor and the touch sensor can be a touch display.

No. of Pages : 37 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :02/06/2014

(21) Application No.2683/CHE/2014 A

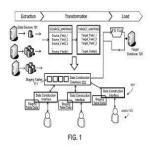
(43) Publication Date : 22/01/2016

(54) Title of the invention : DATA CONSTRUCTION FOR EXTRACT, TRANSFORM AND LOAD OPERATIONS FOR A DATABASE

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Accenture Global Services Limited
(32) Priority Date	:NA	Address of Applicant :3 Grand Canal Plaza, Grand Canal
(33) Name of priority country	:NA	Street Upper, Dublin 4, IRELAND Ireland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Siddharth Saran SINGH
(87) International Publication No	: NA	2)Acyr LUZ
(61) Patent of Addition to Application Number	:NA	3)Thomas WOODWARD
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An extract, transform and load (ETL) data construction system provides an extensible, interim platform for transitioning data from a legacy database or other data sources to a target database. The data construction system performs data construction operations which may include creating data that can be used for data transformation in ETL operations. The data construction system provides check-in-check-out procedures for controlling multi-user data access and data editing, and also provides multi-level user access checks. Fig. 1



No. of Pages : 52 No. of Claims : 20

(21) Application No.2756/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :05/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : A PROCESS FOR ISOLATION AND IDENTIFICATION OF BIOACTIVE COMPOUND FROM STREPTOMYCES CAVOURESIS KUV39, BEING A CONSTITUENT FOR THE TREATMENT OF CERVICAL CANCER

		(71)Name of Applicant :
(51) International classification	:c05f17/00	
(31) Priority Document No	:NA	Address of Applicant :DEPARTMENT OF
	:NA :NA	11
(32) Priority Date		BIOTECHNOLOGY, KARPAGAM UNIVERSITY, POLLACHI
(33) Name of priority country	:NA	MAIN ROAD, COIMBATORE - 641 021 Tamil Nadu India
(86) International Application No	:NA	2)S. NARENDHRAN
Filing Date	:NA	3)P. RAJIV
(87) International Publication No	: NA	4)P. VANATHI
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. RAJESHWARI SIVARAJ
(62) Divisional to Application Number	:NA	2)S. NARENDHRAN
Filing Date	:NA	3)P. RAJIV
		4)P. VANATHI

(57) Abstract :

Vermicompost is a rich source of actinomycetes species producing the cytotoxic metabolites. Members of the actinomycetes genus especially Streptomyces sp. have been recognized as prolific producer of useful bioactive metabolite with broad spectrum of activities. Column chromatography and Thin layer column chromatography for the separation of active constituents; Fourier transforms infrared (FTIR) spectroscopy for analysis of the bio constituents functional groups; Gas chromatography mass spectroscopy for analysis of identification of non-volatile bioactive compound. Derivative of alkylated phenol are known to have cytotoxicity against human cervical cancer cell line. This compound therefore, has a potential to be used as a chemotherapeutic agent against cancer. This study was done to investigate the anticancer activities of alkylated phenol, ethyl acetate extract of Streptomyces cavouresis KUV39 against human cervical cancer (HeLa) cells.

No. of Pages : 7 No. of Claims : 3

(22) Date of filing of Application :05/06/2014

(19) INDIA

(21) Application No.2757/CHE/2014 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : CHARACTERIZATION OF POTENTIAL ANTIDIABETIC COMPOUND FROM PADINA BOERGESEN II ALLENDER AND KRAFT AND KRAFT AND ITS EFFECT ON STREPTOZOTOCIN INDUCED DIABETIC RATS

(51) International classification	:a61k36/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. S. SUDHA
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF
(33) Name of priority country	:NA	BIOTECHNOLOGY, KARPAGAM UNIVERSITY, POLLACHI
(86) International Application No	:NA	MAIN ROAD, COIMBATORE - 641 021 Tamil Nadu India
Filing Date	:NA	2)P. SENTHILKUMAR
(87) International Publication No	: NA	3)KARPAGAM UNIVERSITY
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. S. SUDHA
(62) Divisional to Application Number	:NA	2)P. SENTHILKUMAR
Filing Date	:NA	3)KARPAGAM UNIVERSITY

(57) Abstract :

ABSTRACT OF THE INVENTION Diabetes is a chronic disease that occurs either when the pancreas does not produce enough insulin or when the body cannot effectively use the insulin it produces. According to the International Diabetic Federation, there are more than 371 million people worldwide suffering from diabetes in 2012 and this number is likely to rise even to 552 million by 2030. Seaweeds identified as rich sources of structurally diverse bioactive compounds with great pharmaceutical and biomedical potential in particular, antidiabetic activity. Hence, the present study was carried out to isolate the antidiabetic compound from aqueous extract of Padina boergesenii. Column chromatography and Thin layer column chromatography for the separation of active constituents; Fourier transforms infrared (FTIR) spectroscopy for analysis of the phytoconstituents functional groups; identification of the structure of the active constituents by Nuclear Magnetic Resonance (NMR) spectroscopy: two dimensional nuclear magnetic resonance (2D NMR) spectroscopy for resolving and identifying the nature of chemical sites in the sample; !H - !H COSY (Homonuclear Correlation Spectroscopy) for revealing correlations between coupled protons; the overall analysis indicating a structure of the active constituent of the said extract with a molecular formula = C8Hi603, Molecular weight: 160.21 Da and the Compound name: 3-Hydroxy Octanoic acid.

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

(21) Application No.2611/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :27/05/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : DIAGNOSTIC TEST KIT FOR MULTIANALYTE 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 	:A61K38/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)YUVRAJ BIOBIZ INCUBATOR INDIA [P] LTD. Address of Applicant :E4, CMDA INDUSTRIAL ESTATE, MARAIMALAI NAGAR, CHENNAI Tamil Nadu India (72)Name of Inventor : 1)MUTHU ARUMUGAM.K
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(57) Abstract :

Diagnostic Test Kit for multianalyte detection is disclosed. The test kit is capable of detecting multiple target analytes including but not limited to human immunodeficiency virus(HIV), hepatitis C virus(HCV), human chorionic gonadotropin(hCG), HBSAG, syphilis, detecting multiple species of malaria [pf/pv/pan], cancer antigens, harmones such as FSH,TSH & Insulin, enzymes, cytokines, drugs, immunoglobulins and nucleic acids.

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

(21) Application No.2694/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : DRY CELL FOR THE ELECTROLYSIS OF WATER AND THE PROCESS THEREOF FOR IMPROVING THE FUEL BURNING EFFICIENCY OF INTERNAL COMBUSTION ENGINES

(51) International classification	:c101	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. JAGADEESH BADAMARANAHALLI
(32) Priority Date	:NA	HENJARAPPA
(33) Name of priority country	:NA	Address of Applicant :#7, SREE SHANKAR NILAYA, 1ST
(86) International Application No	:NA	MAIN ROAD, VINAYAKANAGAR, (BEHIND ARYAN HIGH
Filing Date	:NA	SCHOOL), TUMKUR - 572 101 Karnataka India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DR. JAGADEESH BADAMARANAHALLI
Filing Date	:NA	HENJARAPPA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract: Splitting of water into hydrogen and oxygen can be carried out by supplying direct current between two electric plates in presence of electrolytes. Thus produced hydrogen and oxygen up on supplementing with primary fuels like gasoline (petrol, diesel, LPG, CNG and fuel obtained from renewable sources) will improve their burning efficiency. Once the burning efficiency of fuel is improved, automatically, the performance of the engine interns of mileage and torque will be improved. The complete burning of fuel results in lesser pollutants in engine exhausts.

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

(19) INDIA

(22) Date of filing of Application :02/06/2014

(21) Application No.2695/CHE/2014 A

(43) Publication Date : 22/01/2016

 (54) Title of the invention : UNIVERSAL CHUCK (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	(71)Name of Applicant : 1)PRABHAAKAR SUNDARARAJ Address of Applicant :NO.6 JAWAHAR MAIN ROAD, NR' NAGAR, THENI - 625 531 Tamil Nadu India (72)Name of Inventor : 1)PRABHAAKAR SUNDARARAJ
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to scroll plate type centering chuck and manual type centering chuck. This invention comprising the both scroll plate type and manual type centering chuck in a single chuck. In this chuck a ball bearing is attached at center of the scroll plate and bevel gear. From that scroll plate and bevel gear a shaft is taken out, on that surface of the shaft a lever mechanism and spring mechanism attached. A spring is attached below the pinion key holder, so the pinion can pull from the bevel gear attachment. The opposing force for the pinion is given by the spring from the inside of the chuck case, All the pinions are pulled out by the same process thereby providing a space for the bevel and scroll plate to come backward. There is a keyway made at the center of the chuck to lock the lever by pulling backward, so by the pulling of lever the scroll plate is detached from the jaws which make it as manual centering. From that we can perform operation for the irregular shapes. We can again attach the scroll plate to jaws, by releasing the lever which is locked in the keyway after releasing the lever by the spring mechanism it make pull the scroll plate to attach with jaws which makes it as self centering chuck. So by this design we can perform both self and manual centering in a single chuck.

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

IN PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/06/2014

(43) Publication Date : 22/01/2016

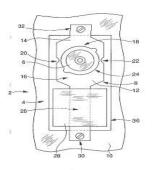
(21) Application No.2769/CHE/2014 A

(54) Title of the invention : ELECTRONIC MOVE	EMENT INCLUI	DING A MOTOR FOR A TIMEPIECE
(51) International classification	:G04C	(71)Name of Applicant :
(31) Priority Document No	:13171268.9	1)ETA SA Manufacture Horlogère Suisse
(32) Priority Date	:10/06/2013	Address of Applicant : of Schild-Rust-Strasse 17, CH-2540
(33) Name of priority country	:EPO	Grenchen, Switzerland Switzerland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)LAGORGETTE, Pascal
(87) International Publication No	: NA	2)BALMER, Raphaël
(61) Patent of Addition to Application Number	:NA	3)MARIDOR, Joel
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : ELECTRONIC MOVEMENT INCLUDING A MOTOR FOR A TIMEPIECE

(57) Abstract :

The electronic timepiece movement (2) is equipped with a motor (4) including a stator and a permanent magnet rotor (6) situated in a stator hole, said stator defining at least two magnetic poles (12, 14) respectively including at least two pole shoes (16, 18) extending at the periphery of the hole. The motor includes at least one coil (28) respectively mounted around at least one core (26). The two pole shoes and the core form together a first part made of ferromagnetic material formed by or including a single-piece wafer forming both the two pole shoes and the core. An end portion of the core is connected to at least one corresponding pole shoe by a second part, defining a base plate or a main plate made of magnetic material, to which the first part is secured and on which elements of the electronic timepiece movement are at least partially mounted. Figure 1



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

(21) Application No.2399/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :31/05/2013

(43) Publication Date : 22/01/2016

(54) Title of the invention : PROCESS FOR THE PREPARATION OF (5-METHYL-2-OXO-1,3-DIOXOL-4-YL) METHYL 2-ETHOXY-1-{[2'-(5-OXO-4,5-DIHYDRO-1,2,4-OXADIAZOL-3-YL)BIPHENYL-4-YL}-1H-BEZIMIDAZOLE-7-CARBOXYLATE AND ITS SALTS

:C07D	(71)Name of Applicant :
:NA	1)MSN LABORATORIES LIMITED
:NA	Address of Applicant :FACTORY SY. NO: 317 & 323,
:NA	RUDRARAM (VIL), PATANCHERU (MDL), MEDAK (DIST),
:NA	502329 Andhra Pradesh India
:NA	(72)Name of Inventor :
: NA	1)MSN LABORATORIES LIMITED
:NA	2)KARAMALA RAMA SUBBA REDDY
:NA	
:NA	
:NA	
	:NA :NA :NA :NA : NA :NA :NA :NA

(57) Abstract :

Abstract The present invention relates to a process for the preparation of (5-methyl-2-oxo-l,3- dioxol-4-yl)methyl 2-ethoxy-1 - {[2-(5-oxo-4,5-dihydro-1,2,4-oxadiazol-3-yl)biphenyl-4-yl] methyl} -lH-benzimidazole-7-carboxylate compound of formula-1 Formula-1 and its pharmaceutically acceptable salts thereof.

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

(19) INDIA

(22) Date of filing of Application :28/05/2014

(21) Application No.2623/CHE/2014 A

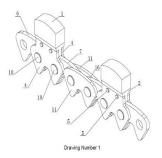
(43) Publication Date : 22/01/2016

(51) International classification	:A44C	(71)Name of Applicant :
(31) Priority Document No	:201320809281.6	1)HSU Po-Lin
(32) Priority Date	:11/12/2013	Address of Applicant :549, Zhong Shan Road Section 3, Qing
(33) Name of priority country	:China	Feng Village, Ji [™] an Township, Hua Lien County, Taiwan,
(86) International Application No	:NA	Republic of China Taiwan
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)HSU Po-Lin
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : A STONE CUTTING TOOTHED CHAIN SAW

(57) Abstract :

A type of Stone Cutting toothed chain saw, incorporating diamond segments. The diamond segment is set on a base that is designed with fastening holes. On each side of this diamond segment base is a toothed outer chain link with ears, this is fastened together with the diamond segment base. Two offset front and rear toothed inner chain links are clamped within the diamond segment base. The rear fastening hole of the front inner chain link and the front fastening hole of the rear inner chain link are fastened on either side of the diamond segment base together with the two toothed outer chain links with ears. The rear fastening hole of the front inner chain link of the next diamond segment base are fastened together on each side with two toothed outer chain links without ears. Figure 1



No. of Pages : 18 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :03/06/2014

(21) Application No.2705/CHE/2014 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : SHIFT CONTROL DEVICE FOR TRANSMISSION OF MOTOR VEHICLE

 (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 	:2013- 120344 :07/06/2013 :Japan :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)SUZUKI MOTOR CORPORATION Address of Applicant :300, Takatsuka-cho, Minami-ku, Hamamatsu-shi, Shizuoka-ken , Japan Japan (72)Name of Inventor : 1)Atsushi HAMAI
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

A shift control device for a transmission of a motor vehicle which can surely notify a driver that one of the shift position detection units is not operating normally, and urge the driver to take a quick measure, in case a normal shift control is continued while an abnormality of a shift position detection unit has occurred. An ECU 13 of the shift control device flashes a shift position indicator 28 on a condition that it is judged that one of a main switch 11 and a sub switch 12 has become an abnormal state, and continues this flashing state until that one of the main switch 11 and the sub switch 12 is judged as a normal state.

No. of Pages : 25 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :03/06/2014

(21) Application No.2706/CHE/2014 A

(43) Publication Date : 22/01/2016

(51) International classification :F16H59/00 (71)Name of Applicant : 1)SUZUKI MOTOR CORPORATION :2013-(31) Priority Document No 120343 Address of Applicant :300, Takatsuka-cho, Minami-ku, :07/06/2013 Hamamatsu-shi, Shizuoka-ken, Japan Japan (32) Priority Date (33) Name of priority country (72)Name of Inventor: :Japan (86) International Application No :NA 1)Kunitoshi TAZUME 2)Yoshiki ITO Filing Date :NA (87) International Publication No 3)Yuichi UDA : NA (61) Patent of Addition to Application Number :NA 4)Masakazu SAITO Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : SHIFT POSITION DETERMINING SYSTEM

(57) Abstract :

An automotive vehicle side has H position and B, R, N and D ranges. A shift position determining system 10 for determining which of the ranges prepared on the automotive vehicle side is selected when a shift lever is moved from the H position, to which the shift lever automatically returns, has a shift sensor unit 15 and a select sensor unit 16, each of which including a plurality of sensors capable of providing detection values according to a position of the shift lever, and a shift position determining module 19 for determining the position of the shift lever based on detection signals from the sensor units adopted by a shift signal determining module 17 and a select signal determining module 18. Magnitude relation between detection voltages for each of the sensor units is so determined as to make adoption of detection voltages for D range or H position by these determining modules possible.

No. of Pages : 32 No. of Claims : 5

(21) Application No.2777/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :29/05/2014

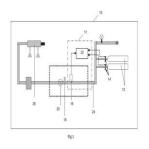
(43) Publication Date : 22/01/2016

(54) Title of the invention : A METHOD TO DETECT A LEAKAGE IN A HIGH PRESSURE LINE OF A DUAL FUEL VEHICLE

(51) International classification	:F02D19/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Bosch Limited
(32) Priority Date	:NA	Address of Applicant :Post Box No 3000, Hosur Road,
(33) Name of priority country	:NA	Adugodi, Bangalore 560030, Karnataka, INDIA Karnataka India
(86) International Application No	:NA	2)Robert Bosch GmbH
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)NAYAK Rohit
(61) Patent of Addition to Application Number	:NA	2)PADESUR Ishwar
Filing Date	:NA	3)GHOSH Sabyasachi
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of detecting a gaseous fuel leakage in a high pressure line 24 of a dual fuel vehicle 10 is disclosed. A shut off valve 18 and at least one admission valve 14 of at least one tank 12 is closed when the dual fuel vehicle 10 is operating in a liquid fuel mode. A pressure level in the high pressure line 24 is determined when the dual fuel vehicle 10 is operating in either a liquid fuel mode or a gaseous fuel mode. The determined pressure level with a threshold pressure value is compared .A leakage is detected if the determined pressure level is less than the threshold pressure value. The user of the vehicle is alerted when the leakage is detected. Reference figure: Figure 1



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

(21) Application No.1482/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :01/04/2013

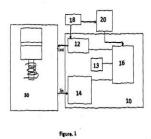
(43) Publication Date : 22/01/2016

(54) Title of the invention : A METHOD TO MEASURE A SOLENOID PUMP PRESSURE

(51) International classification	:H01F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS
(32) Priority Date	:NA	SOLUTIONS LIMITED
(33) Name of priority country	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(86) International Application No	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	2)ROBERT BOSCH GMBH
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ROHIT JOSHI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

A control unit (10) for monitoring pressure of a solenoid pump (30), said solenoid pump (30) having an armature and a solenoid winding encircling the armature such that the armature moves in response to a current flow through said winding, said unit comprising: a voltage driver circuit (12) coupled to the solenoid pump (30) to generate the input current that flow in said winding; a current sensing circuit (14) to sense a first and second current in a solenoid coil; the second current having a characteristic corresponding to a force required to move the solenoid armature; and a controller (16) that correlates the characteristic with the pump pressure. Figure. 1



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

(21) Application No.2165/CHENP/2009 A

(19) INDIA

(22) Date of filing of Application :20/04/2009

(43) Publication Date : 22/01/2016

(54) Title of the invention : SUSPENSION OF ASCORBIC ACID IN GLYCERIN AND PROCESS FOR PRODUTION 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 	:A61K8/67 :2006-287372 :23/10/2006 :Japan :PCT/JP07/70379 :18/10/2007 :WO/2008/050676 :NA :NA :NA :NA	 (71)Name of Applicant : 1)OKUMURA, MIKIHARU Address of Applicant :12-14, NOZAWA 4-CHOME, SETAGAYA-KU, TOKYO Japan 2)OHTA, TAKANORI (72)Name of Inventor : 1)OKUMURA, MIKIHARU 2)OHTA, TAKANORI
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(57) Abstract :

A suspension of ascorbic acid in glycerol in which the content of ascorbic acid is 13% by mass or greater, a portion of ascorbic acid is dissolved in glycerol or in glycerol comprising diglycerol in a concentration of 8 to 12% by mass, and the rest of ascorbic acid is precipitated in the form of microcrystals having a particle diameter of 25μ m or smaller and is uniformly dispersed in the suspension. The suspension of ascorbic acid in glycerol is useful as a base material for cosmetics containing ascorbic acid which exhibits excellent feel in the use (spreadability and smooth feel on application to the skin).

No. of Pages : 29 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :05/06/2014

(21) Application No.2765/CHE/2014 A

(43) Publication Date : 22/01/2016

(51) International classification	:F16H	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant : JAYALAKSHMI ESTATES • NO.2
(33) Name of priority country	:NA	(OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)KRISHNAPRASATH DHARMARAJ
(61) Patent of Addition to Application Number	:NA	2)KANDREGULA SRINIVASA RAO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A gearshift mechanism (20) with a gearshift lever (26), plate arm (23), boss gearshift (24) and the gearshift shaft (11) which are connected in such a way that, when as seen from right hand side, a clock wise rotation of gearshift lever (26) gives a clockwise rotation of plate arm (23) and an anticlockwise rotation to the boss gear shift arm (24) which rotates the gear shaft slot gap (63) in anticlockwise direction around the said boss gearshift arm (28) which in turn rotates the gearshift shaft (11) in the anticlockwise direction. The gear shaft slot gap (62) is provided to accommodate the gearshift shaft, which is further tightened by screwing through a fastener in the gear shaft-tightening slot (61). < To be published with Fig. 2 >

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

(21) Application No.2766/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :05/06/2014

(54) Title of the invention : CONTROLLER FOR CAPACITY BALANCING CELL

(43) Publication Date : 22/01/2016

(51) International classification :H04M (71)Name of Applicant : (31) Priority Document No 1)TVS MOTOR COMPANY LIMITED :NA (32) Priority Date :NA Address of Applicant : JAYALAKSHMI ESTATES • NO.29 (33) Name of priority country (OLD NO.8) HADDOWS ROAD, CHENNAI 60 006 Tamil :NA (86) International Application No Nadu India :NA Filing Date (72)Name of Inventor: :NA 1)FAHMIDA NAZNIN (87) International Publication No : NA (61) Patent of Addition to Application Number 2)SAMRAJ JABEZ DHINAGAR :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

According to embodiments of the invention, a system 100 for performing testing on Bluetooth enabled devices is disclosed. The disclosed system 100 includes a control unit 102, a Bluetooth headset module 108, a first arrangement 110 for holding and operating the one or more Bluetooth enabled device(s) under test, a second arrangement 112 for holding and operating one or more Bluetooth tool kit 104 configured to establish Bluetooth communication between the Bluetooth headset module 108 and device 114 under test and between the support devicell6 and devicell4 under test and have an acoustic interface 202 and an audio verification tool kit 106 in communication with acoustic interface 202.

No. of Pages : 27 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :05/06/2014

(21) Application No.2767/CHE/2014 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : VEHICLE DIAGNOSTIC SYSTEM AND METHOD THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	31/00 :NA :NA :NA	 (71)Name of Applicant : 1)TVS MOTOR COMPANY LIMITED Address of Applicant :JAYALAKSHMI ESTATES • NO.29 (OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil N du India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SAMRAJ JABEZ DHINAGAR
(87) International Publication No	: NA	2)SRINIVASAIAH, BHAVANI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present subject matter discloses a vehicle diagnostic system (102) for diagnosing one or more functional components (140) of a two-wheeled vehicle (138) and a method thereof. The diagnostic system (102) disclosed herein includes a processor (104), and a memory (106) coupled to the processor (104). A diagnostic module (116) is configured to receive and diagnose diagnostic trouble codes (128) and other diagnosis related data (124, 126) from the one or more functional components (140). A controller module (118) is provided to determine a controller capable of troubleshooting the one or more diagnosed trouble codes (128), based at least on a corresponding set of one or more fixing codes received from a central diagnosis server (144). A calibration module (120) is provided to evalðate and calÃbrate the at least one controller and determine whether there exists a need for calibration based at least on the result of the troubleshooting. <To be published with Fig. 1>

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

(19) INDIA

(22) Date of filing of Application :28/05/2014

(21) Application No.2628/CHE/2014 A

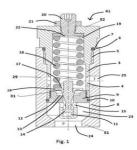
(43) Publication Date : 22/01/2016

(51) International classification :F16K (71)Name of Applicant : (31) Priority Document No 1)Robert Bosch GmbH :NA (32) Priority Date :NA Address of Applicant :Stuttgart, Feuerbach, Germany (33) Name of priority country :NA Germany (86) International Application No 2)Bosch Rexroth (India) Ltd. :NA Filing Date :NA (72)Name of Inventor : (87) International Publication No 1)DESHMUKH Sagar : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : A DIRECT-ACTING PRESSURE-RELIEF VALVE FOR HYDRAULIC CIRCUIT

(57) Abstract :

A direct-acting pressure-relief valve (R1) comprises a spring (18) is formed inside a housing (29) on a spring seat (16). The spring seat (16) has a circular-groove (G) at its lower surface. A poppet (14) is assembled below the spring seat (16). A poppet seat (9) assembled below the poppet (14) has one or more radial holes (15) for discharging the fluid from an inlet oil passage (P) towards an outlet passage (T). A frusto-conical poppet (14) is guided and movably inserted into central bores (11, 31) of the poppet seat (9) and the spring seat (16), respectively. A conical surface (2) of the poppet (14) contacts with an edge of the poppet seat (9) to close the seat connection (13) between the inlet passage (P) and the outlet passage (T). The curvature of the circular-groove (G) is tangent to conical surface (2) of the poppet (14). Reference: Figure 1



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

(21) Application No.2629/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :28/05/2014

(54) Title of the invention : A BIO-AUGMENTATION COMPOSITION AND A PROCESS FOR EFFECTIVE REMOVAL OF DIMETHYLFORMAMIDE (DMF)

(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)Gulbarga University
(32) Priority Date	:NA	Address of Applicant :Department of Biochemistry, Gulbarga
(33) Name of priority country	:NA	University, Gulbarga, Karnataka-585106 Karnataka India
(86) International Application No	:NA	2)b) Department of Biotechnology
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Timmanagouda Bharamagouda Karegoudar
(61) Patent of Addition to Application Number	:NA	2)Sanjeevkumar Sanganal
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention is about a Bioaugmentation process of degrading Dimethylformamide (DMF). In general, the bioaugmentation of DMF is not promising in free cell condition due to competition among the bacterial cells and direct exposure of cells to toxic level of DMF. To enhance the degradation of DMF, cells were entrapped in PVA-alginate matrix individually and collectively for bioaugmentation experiments. Bioaugmentation is successful when individually immobilized P. denitriflcans SD1 is introduced higher inoculum volume with indigenous cultures in continuous packed bed reactor system. This treatment has succeeded in removing 91.3% of 3% (v/v) DMF from the industrial effluent. This investigation advocates that bioaugmentation enhances the DMF removal efficiency by about 20% when compared to individual degradation by P. denitriflcans SD1.

No. of Pages : 29 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :03/06/2014

(21) Application No.2712/CHE/2014 A

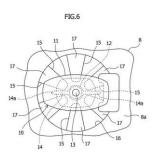
(43) Publication Date : 22/01/2016

(54) Title of the invention : POSITION RESTRAINING STRUCTURE FOR TOOL BOX ROTATIONAL DIRECTION

(51) International classification	:B60C	(71)Name of Applicant :
(31) Priority Document No	:2013- 120885	1)SUZUKI MOTOR CORPORATION Address of Applicant :300, Takatsuka-cho, Minami-ku,
(32) Priority Date	:07/06/2013	Hamamatsu-shi, Shizuoka-Ken, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NĀ	1)Keiji KUROKAWA
Filing Date	:NA	2)Amrish GAURAV
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

[Problem to be Solved] To prevent a tool box housed in a wheel portion of a spare tire from rotating and moving due to vibrations and the like during running of the vehicle as well as 5 preventing the tool box from producing unusual sounds by coming into contact with the wheel portion of the spare tire or other peripheral components without the need to provide a separate tool box retaining structure. [Solution] In a structure for fixing a wheel portion 4a of a spare tire 4 to a vehicle body side with a tightening member 10, housing a tool box 7 in the wheel portion 4a, and restraining a 10 rotational direction position of the housed tool box 7: a gripping portion 14 used to grip the tightening member 10 is attached to a head portion 12 of the tightening member 10; the gripping portion 14 is provided with a flat-plate portion 14a which has a plane along a direction orthogonal to a central axis in a rotational direction of the tightening member 10 being tightened; grooves 15 adapted to fit over the flat-plate portion 14a are provided in a bottom face 8a of a box body 8 of the tool box 7. [Selected Drawings] Figure 6



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

(19) INDIA

(22) Date of filing of Application :06/06/2014

(21) Application No.2784/CHE/2014 A

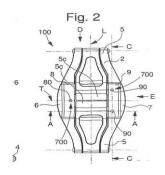
(43) Publication Date : 22/01/2016

:A44C	(71)Name of Applicant :
:13171618.5	1)Simon et Membrez S.A.
:12/06/2013	Address of Applicant :of Route de la Communance 86, 2800,
:EPO	DelÄmont, Switzerland Switzerland
:NA	(72)Name of Inventor :
:NA	1)HAERING, Yann
: NA	2)ROSSIER, Nathan
:NA	
:NA	
:NA	
:NA	
	:13171618.5 :12/06/2013 :EPO :NA :NA :NA :NA :NA :NA

(54) Title of the invention : CLASP FOR PIECE OF JEWELLERY OR WRISTWATCH

(57) Abstract :

Clasp (100) for a piece of jewellery or wristwatch, including a stretcher like structure (1) with a first housing (200) in which a first push-piece (6) and a second push-piece (7) are moveable on a first bearing surface (300) against an elastic return means (40), and held by at least one closure plate (8; 9) able to occupy a closure position in a second housing (400). The clasp includes at least one resilient locking element (10) for this closure plate (8; 9), including a push-button (600), held in this stretcher like structure (1) and arranged, in a compressed position, to permit the motion of the closure plate (8; 9) and, in a relaxed position, to immobilise this closure plate (8; 9) in the closure position via the cooperation of this push-button (600) with a fourth housing (700) comprised in the closure plate (8; 9). FIG. 1



No. of Pages : 17 No. of Claims : 14

(19) INDIA

(21) Application No.2639/CHE/2014 A

(22) Date of filing of Application :29/05/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : NOVEL GLUTAMINAS	E INHIBITOI	RS
(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RHIZEN PHARMACEUTICALS SA
(32) Priority Date	:NA	Address of Applicant :FRITZ COURVOISTER 40, 2300 LA
(33) Name of priority country	:NA	CHAUX DE FONDS Switzerland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PRASHANT KASHINATH BHAVAR
(87) International Publication No	: NA	2)SRIKANT VISWANADHA
(61) Patent of Addition to Application Number	:NA	3)SWAROOP KUMAR VENKATA SATYA
Filing Date	:NA	VAKKALANKA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

No. of Pages : 42 No. of Claims : 0

(21) Application No.2714/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :03/06/2014

(43) Publication Date : 22/01/2016

 (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) Potent of Addition to Application Number 	:G06F :61/833,409 :10/06/2013 :U.S.A. :NA :NA :NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : INDUSTRIAL ASSET HEALTH MODEL UPDATE

(57) Abstract :

Among other things, one or more techniques and/or systems are provided for updating a model for generating a health profile of an industrial asset based upon data pertaining to the industrial asset. The health profile comprises a maintenance plan(s), which respectively comprise one or more recommended maintenance actions to be performed with respect to the industrial asset during a prediction period. The model may be periodically and/or intermittently updated based upon a comparison between the recommended maintenance actions and actual events of the industrial asset during the prediction period. Moreover, in some embodiments, different models may be selected for generating future health profiles of the industrial asset during the prediction period.

No. of Pages : 63 No. of Claims : 20

(21) Application No.2715/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :03/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : RADIO FREQUENCY METHOD FOR RECHARGING A WIRELESS TELEPHONE

 (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 	:H04M :13/955,104 :31/07/2013 :U.S.A. :NA :NA :NA	· · · · · · · · · · · · · · · · · · ·
 (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	

(57) Abstract :

When the charge of a battery in a mobile telephone is less than a predefined level, a recharge request message or notice is wirelessly transmitted to a charging module. In response, the charging module begins transmitting a radio frequency signal. The mobile telephone receives the radio frequency signal and extracts energy therefrom which is used to recharge the battery. When the charge of the battery is greater than a predetermined level, recharging the battery terminates and a termination message is wirelessly transmitted to the charging module, which responds by discontinuing transmission of the radio frequency signal.

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

(21) Application No.2716/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :03/06/2014

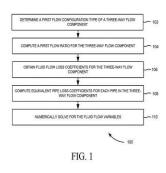
(43) Publication Date : 22/01/2016

(54) Title of the invention : NUMERICAL APPROACH FOR COMPUTING FLUID FLOW VARIABLES FOR THREE-WAY FLOW COMPONENTS IN 1D FLUID FLOW NETWORKS

	6F (71)Name of Applicant :
(31) Priority Document No :N	
(32) Priority Date :N	Address of Applicant :Xylem, No. 4, Devasandra Industrial
(33) Name of priority country :N	Area, Mahadevapura Post, Whitefield Road, Bangalore - 560048,
(86) International Application No :N	Karnataka, India Karnataka India
Filing Date :N	(72)Name of Inventor :
(87) International Publication No : N	A 1)PRASHANT ARORA
(61) Patent of Addition to Application Number :N	A 2)VIKRAM MANGAT
Filing Date :N	A
(62) Divisional to Application Number :N	A
Filing Date :N	\

(57) Abstract :

A numerical approach for computing fluid flow variables for three-way components in one-dimensional (1D) fluid flow networks is disclosed. In one embodiment, a first flow configuration type of a three-way flow component is determined using geometric properties and fluid flow characteristics of the three-way flow component. Further, a first flow ratio for the three-way flow component is computed using the first flow configuration type. Furthermore, fluid flow loss coefficients for the three-way flow component are obtained based on the geometric properties and the first flow ratio. Also, equivalent pipe loss coefficients for each pipe in the three-way flow variables are numerically solved for using the obtained equivalent pipe loss coefficients, the geometric properties and the fluid flow component. [FIG. 1]



No. of Pages : 36 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :06/06/2014

(21) Application No.2787/CHE/2014 A

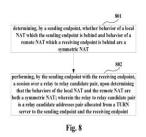
(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND SYSTEM FOR PERFORMING A SESSION BASED ON NETWORK ADDRESS TRANSLATOR

 (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 :NA	 (71)Name of Applicant : 1)HUAWEI TECHNOLOGIES INDIA PVT. LTD. Address of Applicant :No. 23, Level 3&4, Leela Galleria, Airport Road, Bangalore 560 017, India Karnataka India (72)Name of Inventor : 1)KRISHNA, Navaneetha 2)ZHANG, Chi
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The embodiments of the present invention provide a method for performing a session based on NAT. The method includes: determining, by a sending endpoint, whether behavior of a local NAT which the sending endpoint is behind and behavior of a remote NAT which a receiving endpoint is behind are a symmetric NAT; performing, by the sending endpoint with the receiving endpoint, a session over a relay to relay candidate pair, upon determining that the behaviors of the local NAT and the remote NAT are both a symmetric NAT; wherein the relay to relay candidate pair is a relay candidate addresses pair allocated from a Traversal Using Relay NAT (TURN) server to the sending endpoint and the receiving endpoint., thereby eliminating the unnecessary portions of ICE procedures when both endpoints are behind symmetric NAT, resulting in a higher connection establishment speed. FIG. 8



No. of Pages : 100 No. of Claims : 37

(19) INDIA

(22) Date of filing of Application :29/05/2014

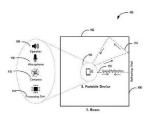
(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND APPARATUS FOR GENERATING A ROOM PLAN USING A PORTABLE SMART DEVICE

(51) International classification	:H04R	(71)Name of Applicant : 1)SAMSUNG R&D INSTITUTE INDIA BANGALORE
(31) Priority Document No	:NA	PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :# 2870, ORION Building, Bagmane
(33) Name of priority country	:NA	Constellation Business Park, Outer Ring Road, Doddanakundi
(86) International Application No	:NA	Circle, Marathahalli Post, Bangalore -560037, Karnataka, India
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)PATWARI, Ayush
Filing Date	:NA	2)MISHRA, Gaurav
(62) Divisional to Application Number	:NA	3)SRIVASTAVA, Rupika
Filing Date	:NA	4)PATKAR, Deepraj
-		5)Dr. DE, Aloknath

(57) Abstract :

ABSTRACT The present invention provides a method and apparatus for generating a floor plan of a room using a portable smart device. The method comprises of transmitting by a speaker element of a mobile device, at least one acoustic signal to a room, receiving, by a microphone element of the mobile device, at least one acoustic reflection associated with the at least one acoustic signal, determining at least one dimension of the room based on the received at least one acoustic reflection, identifying, by a compass element of the mobile device, a plurality of corners of the room and generating the floor plan of the room using the determined at least one dimension and the identified plurality of corners of the room. The method further comprises of printing a 3D model based on the generated floor plan and creating a preview model by superimposing an image of an object on the generated floor plan. FIGURE 1



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

(21) Application No.2641/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :29/05/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : THREAD GUIDING ELEMENT FOR SPINNING

(51) International classification	:D01H	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LAKSHMI RING TRAVELLERS (COIMBATORE)
(32) Priority Date	:NA	LIMITED
(33) Name of priority country	:NA	Address of Applicant :SULUR RAILWAY FEEDER ROAD,
(86) International Application No	:NA	KURUMBAPALAYAM, MUTHUGOUNDENPUDUR,
Filing Date	:NA	COIMBATORE - 641 406 Tamil Nadu India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)MAHADEVAN, RAJENDRAN
Filing Date	:NA	2)THIRUMALAISAMY, SAKTHIVEL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to thread guiding elements such as ring travellers which are used in Ring spinning and twisting machines. The ring traveller (4) consists a core ferrous material (11) and said core material is coated with nickel-zinc alloy. The combination of said Nickel and zinc particles increases the hardness of the traveller which gives a wear resistant surface and results in low friction and better heat dissipation. FIGURE 2:

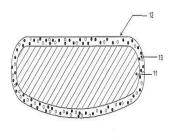


FIG - 2

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

(21) Application No.2719/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :03/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : AXLE SHAFT AND WHEEL END ASSEMBLY FOR A HUB REDUCTION DRIVE AXLE IN HEAVY DUTY TRUCKS •

(51) International classification	:B60B 27/00	(71)Name of Applicant :
(31) Priority Document No	:201310228558.0	1)Shaanxi HanDe Axle Co., Ltd
(32) Priority Date	:08/06/2013	Address of Applicant :Jingwei Industrial Park, Xi [™] an
(33) Name of priority country	:China	Economic and Technological Development Zone, Xi [™] an City,
(86) International Application No	:NA	Shaan Xi 710201, P.R. China. China
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ZHANG, Zhongjiang
(61) Patent of Addition to Application Number	:NA	2)CHANG, Jianping
Filing Date	:NA	3)LI, Senlin
(62) Divisional to Application Number	:NA	4)DONG, Lishe
Filing Date	:NA	

(57) Abstract :

TITLE: AXLE SHAFT AND WHEEL END ASSEMBLY FOR A HUB REDUCTION DRIVE AXLE IN HEAVY DUTY TRUCKS • ABSTRACT This invention relates to an axle shaft used for hub reduction drive axle in heavy duty trucks. The invention is to provide an axle shaft with lighter weight, higher reliability, less development time and lower cost for heavy trucks, wherein, spline is provided on both ends of the axle shaft, the spline at one end is used for jointing with a hub sun gear and the spline at the other end is used for jointing with the axle shaft gear of the differential. The axle shaft is made of hollow tubing and the surface of the axle shaft is provided by quenching process and the hardened depth is from 6 to 11 mm. The axle shaft is preferably mounted on the hub reduction drive axle with axle load from 6 to 25 tons. The invention further discloses a wheel end assembly. Fig. 1

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No. of Pages : 7 No. of Claims : 3

(21) Application No.2791/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :06/06/2014

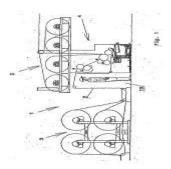
(43) Publication Date : 22/01/2016

(
(51) International classification	:D21F	(71)Name of Applicant :
(31) Priority Document No	:14 165	1)KARL MAYER Textilmaschinenfabrik GmbH
(51) Fliolity Document No	183.6	Address of Applicant :of Brühlstrasse 25, 63179
(32) Priority Date	:17/04/2014	Obertshausen, Germany Germany
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:NA	1)PAOLI, Enzo
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : DEVICE FOR CHARGING A THREAD GROUP WITH A LIQUOR

(57) Abstract :

A device (1) for charging a thread group (2) with a liquor, which has a source arrangement (3) for the thread group (2), a liquorapplication unit (4) and a web path for the thread group (2), from the source arrangement (3) to the liquor-application unit (4), is provided. 10 The object is to make .operation of the device comfortable. To this end it is provided that, ahead of the liquor \neg application unit (4), the web path runs in an entry portion above an operator space (19) from which the liquor-application unit (4) is accessible in the horizontal direction.20 Fig. 1



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

(21) Application No.2792/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :06/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : ADSORBENT BASED ON A ZEOLITE AND A SILICA-RICH CLAY, AND PROCESS FOR PURIFYING HYDROCARBON FEEDS CONTAINING UNSATURATED MOLECULES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:B01J :13/55.341 :10/06/2013 :France :NA	 (71)Name of Applicant : 1)IFP Energies nouvelles Address of Applicant :of 1 et 4, avenue de Bois-PrÃau, F- 92852 RUEIL-MALMAISON CEDEX, France France (72)Name of Inventor :
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:NA : NA :NA :NA	1)BRACCO, Emmanuelle 2)MARTI, Delphine 3)JOLIMAITRE, Elsa 4)BAZER-BACHI, Delphine
(62) Divisional to Application Number Filing Date	:NA :NA	5)LOPEZ, Joseph

(57) Abstract :

The present invention concerns an adsorbent comprising at least one zeolite selected from a zeolite of the 12 MR, 10 MR and 8 MR type and at least one binder comprising a day with a Si/Al weight ratio of more than 2. It also concerns its preparation process and its use in a process for purifying a hydrocarbon feed comprising unsaturated molecules and at least one impurity comprising at least one heteroatom of the 0, S or N type.

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

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

(19) INDIA

(22) Date of filing of Application :29/05/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : A METHOD AND SYSTEM FOR CONFIGURATION OF DEVICES OF A CONTROL 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 Filing Date 	:NA :NA :NA	 (71)Name of Applicant : 1)ABB TECHNOLOGY LTD. Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050, ZURICH Switzerland (72)Name of Inventor : 1)APARAJITHAN VAIDYANATHAN 2)RAOUL JETLEY
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(57) Abstract :

In aspects, the present invention discloses a method of configuring a plurality of devices of a control system using a configuration server connected to a plurality of data repositories using an engineering data gateway. The method comprises retrieving a first data set from a first data repository from the plurality of data repositories, retrieving a second data set associated with the first data set from a second data repositories from the plurality of data repositories, identifying at least one functional dependencies among the first data set and the second data set, generating a plurality of engineering artifacts including a configuration file, and transmitting the configuration file to a corresponding device from the plurality of devices.

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

(21) Application No.2646/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :29/05/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : AN EXPRESSION CONSTRUCT AND ITS USE FOR INCREASING ABIOTIC STRESS TOLERANCE IN A PLANT CELL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:C12N15/00 :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)UNIVERSITY OF AGRICULTURAL SCIENCES Address of Applicant :Gandhi Krishi Vignan Kendra, Bellary Road, Bangalore - 560 065, India Karnataka India 2)DEPARTMENT OF BIOTECHNOLOGY, MINISTRY OF SCIENCE AND TECHNOLOGY, GOVERNMENT OF INDIA
Filing Date (87) International Publication No	:NA :NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)VEMANNA, Ramu S
Filing Date (62) Divisional to Application Number	:NA :NA	2)CHANDRASEKHAR, Babitha K 3)SHEKARAPPA, Sheela H.
Filing Date	:NA :NA	4)PRASAD, Trichy Ganesh 5)UDAYAKUMAR, Makarla

(57) Abstract :

The invention relates to the field of improving resistance of plants against abiotic stress. Particularly, the invention provides a coexpression construct which helps in providing resistance against abiotic stress, particularly drought by pyramiding trait(s) responsible for improving root characteristic and increasing cellular level tolerance of a plant cell. The transgenic plant cell transformed with coexpression construct shows tolerance to drought along with posing resistance to other diverse stresses like moisture, heat, salinity and exhibits improved productivity under water limited conditions.

No. of Pages : 51 No. of Claims : 12

(21) Application No.2720/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :03/06/2014

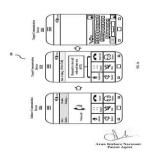
(43) Publication Date : 22/01/2016

(54) Title of the invention : A METHOD AND SYSTEM FOR ENHANCING CALL EXPERIENCE OF A USER

(51) International classification	:H04M	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Samsung R & D Institute India- Bangalore
(32) Priority Date	:NA	Address of Applicant :# 2870, Orion Building, Bagmane
(33) Name of priority country	:NA	Constellation Business Park, Outer Ring Road, Doddanekundi
(86) International Application No	:NA	Circle, Marathahalli Post, Bangalore Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Basavaraj Jayawant Pattan
(61) Patent of Addition to Application Number	:NA	2)Ashok Kumar Selvaraj
Filing Date	:NA	3)Kyung-Tak Lee
(62) Divisional to Application Number	:NA	4)Nishant Gupta
Filing Date	:NA	_

(57) Abstract :

ABSTRACT Embodiments herein provide a method and system of responding to a call with a text. The method includes receiving by a target communication device a call from an initiator communication device. The target communication device responds to the call with a real time text (RTT). One or more characters in the RTT are sent instantaneously to the initiator communication device. FIG. 1A



No. of Pages : 91 No. of Claims : 24

(19) INDIA

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(22) Date of filing of Application :06/06/2014

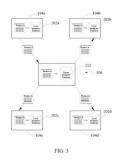
(43) Publication Date : 22/01/2016

(21) Application No.2794/CHE/2014 A

(54) Title of the invention : SYSTEM FOR MANAG	ING INVENT	ORY
 (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)SNAPBIZZ CLOUDTECH PTE. LTD Address of Applicant :: #1, Raffles Place, One Raffles Place. #39-01, Singapore 048616 Singapore (72)Name of Inventor : 1)PRAKASH Yashwanth
(87) International Publication No	: NA	2)PRAKASH Prem Kumar Swayam
(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 managing inventory is provided. The system may include a local inventory databases for organizing inventory related information. Each of the local inventory databases may correspond to at least one of the physical retail outlets. The system may also include an inventory management server and data processing systems deployed across physical retail outlets. The data processing systems may be configured to receive inventory related information discovered at the physical retail outlet and communicate the inventory related information discovered at the physical retail outlet and communicate the server may receive the inventory related information from the data processing systems, update a master inventory database with inventory related information that was previously absent in the master inventory database using the received inventory related information of local inventory databases with inventory related information of local inventory databases with inventory related information updated in the master inventory database. Reference figure: FIG. 3A



No. of Pages : 25 No. of Claims : 11

(19) INDIA

(21) Application No.2795/CHE/2014 A

(22) Date of filing of Application :06/06/2014

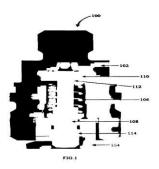
(43) Publication Date : 22/01/2016

(54) Title of the invention : A DELIVERY VALVE ASSEMBLY FOR A FUEL INJECTION PUMP

(51) International classification	:B25D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Bosch Limited
(32) Priority Date	:NA	Address of Applicant :Post Box No 3000, Hosur Road,
(33) Name of priority country	:NA	Adugodi, Bangalore 560030, Karnataka, INDIA Karnataka India
(86) International Application No	:NA	2)Robert Bosch GmbH
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)NAMBADAMANDA Appanna
(61) Patent of Addition to Application Number	:NA	2)RAYKAR Roshankumar
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

Disclosed herein is a delivery valve assembly for a fuel injection pump. The delivery valve assembly comprises a delivery valve holder (102), and a delivery valve (104) housed within the delivery valve holder (102) and co-axial to the delivery valve holder (102). The delivery valve assembly is characterized in that a delivery valve pin (108) is provided within the delivery valve (104) and co-axial to the delivery valve holder (102). A spring (106) is provided between a guide element (110) and the delivery valve pin (108), the guide element (110) is provided within the delivery valve holder (102) and adapted to guide the delivery valve pin (108) to reciprocate within the delivery valve holder (102). Reference figure: Figure. 1



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

(21) Appli

(19) INDIA

(22) Date of filing of Application :26/05/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : MONOLITHIC RADIANT PANEL AND SYSTEM THEREOF

(51) International classification:F24(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAFiling Date:NAKa:NAFiling Date:NAState:NAFiling Date:NAFiling Date:NAFiling Date:NAFiling Date:NAFiling Date:NA	 7 (71)Name of Applicant : 1)INFOSYS Ltd Address of Applicant :Corporate Headquarters, Electronics City, Hosur Road, Bangalore 560 100 Karnataka India (72)Name of Inventor : 1)Rohan M. Parikh 2)Sagar Narayana Murthy 3)Vegesana Venkata Satya Suryanarayana Raju 4)Manoj Bhaskar Hegde 5)Punit Hemant Desai
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(57) Abstract :

A system for providing one of heating and cooling in an indoor area is disclosed. The system includes one or more monolithic radiant panels. The one or more monolithic radiant panels include a tubular portion for circulating fluid. The circulation of fluid enables heating or cooling of the indoor area. The one or more monolithic radiant panels also include two co-planar fin portions that are arranged diametrically opposite to each other about a periphery of the tubular portion. Either one of the two co-planar fin portions are configured to be attached with a surface of the indoor area at an angle.

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

(21) Application No.2581/CHE/2014 A

(21) Application No.2658/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :30/05/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF ISOSULFAN BLUE

(51) International classification	:C07C303/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)OPTIMUS DRUGS (P) LTD
(32) Priority Date	:NA	Address of Applicant :#1-2-11/1, ABOVE SBI BANK,
(33) Name of priority country	:NA	STREET NO: 2, KAKATIYA NAGAR, HABSIGUDA,
(86) International Application No	:NA	HYDERABAD - 500 007 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DESI REDDY, SRINIVAS REDDY
(61) Patent of Addition to Application Number	:NA	2)RANE, DNYANDEV RAGHO
Filing Date	:NA	3)VELIVELA, SRINIVAS RAO
(62) Divisional to Application Number	:NA	4)PUNNA, SATYANARAYANA
Filing Date	:NA	5)PRASANGI, SRIDHAR

(57) Abstract :

ABSTRACT TITLE: AN IMPROVED PROCESS FOR THE PREPARATION OF ISOSULFAN BLUE The present invention relates to a process for the preparation of Isosulfan blue and the present invention also relates to produce substantially pure form of Isosulfan blue.

No. of Pages : 13 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :04/06/2014

(21) Application No.2732/CHE/2014 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : BRAKING DEVICE FOR	A VEHICLI	Ξ
(51) International classification	:B60T	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Robert Bosch Engineering and Business Solutions Limited
(32) Priority Date	:NA	Address of Applicant :123, Industrial Layout, Hosur Road,
(33) Name of priority country	:NA	Koramangala, Bangalore 560095, Karnataka, INDIA Karnataka
(86) International Application No	:NA	India
Filing Date	:NA	2)Robert Bosch GmbH
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)HADLI Prakash
Filing Date	:NA	2)HEGDE Sampat
(62) Divisional to Application Number	:NA	3)REHMAN Haseeb Ur
Filing Date	:NA	

(57) Abstract :

A braking device 100 comprising a brake pedal 101 operated by a user of the vehicle to operate the brake of the vehicle, comprising an actuator 102, which when operated by the user of the vehicle locks a position of the brake pedal 101 in an operated position. Reference figure: Figure 1

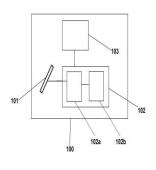


Figure 1

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

(21) Application No.2733/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :04/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND SYSTEM FOR DELIVERING DATA TO A BATCH CONSUMER AND A STREAMING CONSUMER

(51) International classification	:H04N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INMOBI PTE LTD
(32) Priority Date	:NA	Address of Applicant :65 CHULIA STREET, #25-01/02/03
(33) Name of priority country	:NA	OCBC CENTRE, SINGAPORE 049513 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PALL, INDERBIR SINGH
(87) International Publication No	: NA	2)AGARWAL, SHARAD
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a method and system for delivering data to a batch consumer and a streaming consumer. The method and system include retrieving data from a plurality of data centers, storing the data in a first directory, bundling the data into plurality of batches in the first directory, transferring each batch of the plurality of batches to the second directory, delivering the each batch of the plurality of batches in the second directory to the batch consumer and the streaming consumer and delivering the data in the first directory to the streaming consumer.

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

(21) Application No.2735/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :04/06/2014

(43) Publication Date : 22/01/2016

(51) International classification :B22C (71)Name of Applicant : (31) Priority Document No :20135730 **1)ELEMATIC OY AB** (32) Priority Date :03/07/2013 Address of Applicant :PL 33, FI-37801 AKAA Finland (33) Name of priority country :Finland (72)Name of Inventor : (86) International Application No 1)RAUKOLA, LEENA :NA Filing Date :NA 2) JARVINEN, LASSI (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : METHOD FOR ADJUSTING SIDEWALL UNIT AND SIDEWALL UNIT

(57) Abstract :

Abstract A method for adjusting a sidewall unit (1) of a casting mold for concrete products, which sidewall unit com-prises a support structure (2, 32, 42) and a mold sur-face plate (3, 3, 33, 43) fixed to the support structure, and which sidewall unit is fixed on a casting bed (8), wherein the mold surface plate comprises at least two portions (3, 3) extending along the length of the side-wall unit and connected to the support structure (2) and the vertical position of at least one of the portions (3), defined by orientation of the sidewall unit (1) fixed on a casting bed (8), is adjusted to form a gap (9) ex¬tending along the length of the sidewall unit between the portions. The invention also relates to such a side-wall unit. FIG. 1

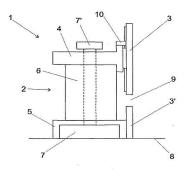


FIG. 1

No. of Pages : 13 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :09/06/2014

(21) Application No.2811/CHE/2014 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : A SEALING ASSEMBL	Y	
(51) International classification	·B62D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant : JAYALAKSHMI ESTATES • NO.2
(33) Name of priority country	:NA	(OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil
(86) International Application No		Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MOSALI NAGARJUN REDDY
(61) Patent of Addition to Application Number	:NA	2)VADIVELOU JEYAMURUGAN
Filing Date	:NA	3)MEENAKSHI SUNDARAM GOKUL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present subject matter discloses a steering system (140) having a sealing assembly comprising an upper protective subassembly (160) and a lower protective subassembly (170). The upper protective subassembly (160) comprises of a cylindrical cover (101) and a sealing ring (106). The cylindrical cover (101) comprises of a plurality of spaced drain holes (104) on a radially outer surface (103) positioned above a groove cutout (53) of a steering tube (52). The pressurized water entering from the upper portion of the steering tube (52) and moving towards a steering cage assembly (62) is drained out through the drain holes. The lower protective subassembly (170) comprises of a double lip cover (113) mounted lower to the cylindrical cover (101) and a circular insert (121). Together the double lip cover (113) and the circular insert (121) form a sealed compartment around the steering cage assembly (62) to completely seal it.

No. of Pages : 29 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :30/05/2014

(21) Application No.2667/CHE/2014 A

(43) Publication Date : 22/01/2016

E HEAD LOAD	
:NA	(71)Name of Applicant : 1)All India Coordinated Research Project on Home Science- Acharya N. G. Ranga Agricultural University
:NA :NA	Address of Applicant :Rajendranagar, Hyderabad Andhra Pradesh India
:NA : NA :NA	2)Directorate of Research on Women in Agriculture (ICAR) (72)Name of Inventor : 1)Adurthi Mrunalini
:NA :NA :NA	
	:A63B23/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA

(57) Abstract :

The present invention provides for a device to manage head load, with improved standard of comfort and reduce stress on the head and neck muscles, the device comprises of an over head frame, a shoulder frame, and straps to fasten the shoulder frame with body, wherein the overhead frame is round or square shaped, the overhead frame is connected to the shoulder frame at its upper side, the straps are attached to the shoulder frame and facilitates the fastening of the shoulder frame with body in order to distribute the weight over shoulder and back muscles. Fig. 1

No. of Pages : 11 No. of Claims : 8

(22) Date of filing of Application :04/06/2014

(19) INDIA

(21) Application No.2742/CHE/2014 A

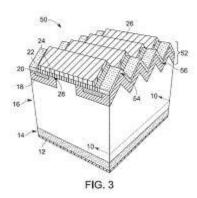
(43) Publication Date : 22/01/2016

(54) Title of the invention : METAL-OXIDE-SEMICONDUCTOR (MOS) DEVICES WITH INCREASED CHANNEL PERIPHERY AND METHODS OF MANUFACTURE

	340041)GENERAL ELECTRIC COMPANY7/2013Address of Applicant :1 River Road Schenectady, New York12345 United States of America U.S.A.(72)Name of Inventor :1)BOLOTNIKOV, Alexander Viktorovich
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(57) Abstract :

A semiconductor device includes a drift layer disposed on a substrate. The drift layer has a non-planar surface having a plurality of repeating features oriented parallel to a length of a channel of the semiconductor device. Further, each the repeating features have a dopant concentration higher than a remainder of the drift layer. FIG.3



No. of Pages : 32 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :09/06/2014

(21) Application No.2814/CHE/2014 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : VEHICLE CONTROL	SYSTEM	
(51) International classification	:G01C	(71)Name of Applicant :
(31) Priority Document No	:2013- 123643	1)SUZUKI MOTOR CORPORATION Address of Applicant :300, Takatsuka-cho, Minami-ku,
(32) Priority Date	:12/06/2013	Hamamatsu-shi, Shizuoka-ken, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NĂ	1)Hideki HASHIGAYA
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In a vehicle controller installed in a vehicle and operative to control the vehicle based on an outside temperature setting predetermined therein, an updating unit determines whether a running speed of the vehicle measured by a speed sensor has been equal to or higher than a predetermined threshold speed for a predetermined update time. The updating unit updates a value of the outside temperature setting to the value of the outside temperature measured by the outside temperature sensor when it is determined that the speed of the vehicle measured by the speed sensor has been equal to or higher than the predetermined threshold speed for the update time. A current-time obtaining unit obtains a current time, and a time adjusting unit adjusts the update time according to the current time obtaining unit.

No. of Pages : 34 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :09/06/2014

(21) Application No.2816/CHE/2014 A

(43) Publication Date : 22/01/2016

(51) International classification	:H01R	(71)Name of Applicant :
(31) Priority Document No	:2013-	1)SUZUKI MOTOR CORPORATION
(51) Thomy Document to	127751	Address of Applicant :300, Takatsuka-cho, Minami-ku,
(32) Priority Date	:18/06/2013	Hamamatsu-shi, Shizuoka-ken, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)Tatsuya INOUE
Filing Date	:NA	2)Tomoo AWATA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : FUEL DELIVERY PIPE WITH INJECTOR CONNECTOR

(57) Abstract :

A fuel delivery pipe for an internal combustion engine is provided which is equipped with cylindrical connectors to which fuel injectors are to be joined, respectively. Each of the cylindrical connectors has a protrusion formed on an outer periphery thereof. The protrusion is retained by a fastener along with a protrusion of a corresponding one of the fuel injectors to secure a desired angular orientation of the fuel injector. The protrusion of the cylindrical connector is of a shape defined by an arc and two oblique sides. The arc is contoured to conform with an outer circumference of the cylindrical connector. The oblique sides extend straight from ends of the arc and intersecting with each other. The protrusion of the cylindrical connector is also geometrically defined to have the arc asymmetric with respect to a reference line. The reference line is a straight line which passes through the center axis of the cylindrical connector perpendicular to the lengthwise direction of a body of the fuel delivery pipe. The oblique sides of each of the protrusions of the cylindrical connectors from hitting or being caught by a jig, as used in attaching the cylindrical connectors to the fuel delivery pipe, when the jig is attached to or removed from the cylindrical connectors, thus facilitating the ease with which the cylindrical connectors are secured to the body of the fuel delivery pipe and resulting in improved workability of production of the fuel delivery pipe .

No. of Pages : 33 No. of Claims : 3

(21) Application No.1535/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :24/05/2014

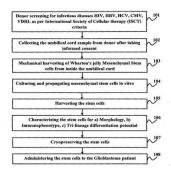
(43) Publication Date : 22/01/2016

(54) Title of the invention : A METHOD FOR THE TREATMENT OF GLIOBLASTOMA WITH WHARTON JELLY-MESENCHYMAL STEM CELLS (WJ - MSC) DERIVED FROM HUMAN UMBILICAL CORD

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ADVANCED NEURO-SCIENCE ALLIES PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :#560, 9TH 'A' MAIN,
(33) Name of priority country	:NA	INDIRANAGAR, BANGALORE 560 038 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. N. K VENKATARMANAA
(87) 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 embodiments of the present invention provide a method for the treatment of glioblastoma using Wharton Jelly-mesenchymal stem cells (WJ-MSC) derived from human umbilical cord. The mesenchymal stem cells have potential to inhibit the glioblastoma cancer cells. For isolating the MSC, the donor is screened for infectious diseases. The consent from the donor is taken for the collection of the umbilical cord sample. The MSC are mechanically harvested or isolated from the Whartons jelly of umbilical cord. The WJ-MSC are cultured and propagated in vitro and harvested. The harvested WJ-MSC is subjected for characterization. The characterized WJ-MSCs are cryo-preserved. The tumors which do not respond to temozolomide (TMZ) respond to WJ-MSC. WJ-MSC does not exert any toxic effect on any human organ. WJ-MSC are cryoprotective to healthy cells and cytotoxic to glioblastoma cells. FIG.l



No. of Pages : 46 No. of Claims : 8

(21) Application No.2748/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :04/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND SYSTEM TO REDUCE DELAY IN CIRCUIT SWITCH FALLBACK (CSFB) PROCEDURES WHILE OPERATING WITH MULTI/DUAL SIMS

(57) Abstract :

METHOD AND SYSTEM TO REDUCE DELAY IN CIRCUIT SWITCH FALLBACK (CSFB) PROCEDURES WHILE

OPERATING WITH MULTI/ DUAL SIMS The various embodiments herein disclose a method and system to reduce delay of circuit switch fallback (CSFB) voice call while operating with Multi/ Dual SIMs. According to an embodiment of the present invention, a method to reduce delay in Circuit Switch Fall Back (CSFB) in a radio access technology (RAT) communications network, the method comprises of a User Equipment (UE) initiating a combined attach procedure by sending an attach request message to the network, the UE receiving an attach accept message along with a Location Area Identification (LAI) information from the network in response the attach request message, the UE checking a network identifier information in a RAT information table based on the received LAI, and selecting a mobile network based on the network identifier information to trigger establishment of a circuit-switched call connection if ESR procedure is failed in LTE Network. Figure 3

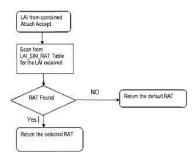


Figure 3 No. of Pages : 26 No. of Claims : 12

(19) INDIA

(21) Application No.2749/CHE/2014 A

(22) Date of filing of Application :04/06/2014

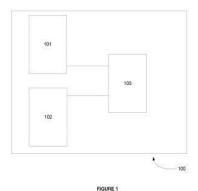
(43) Publication Date : 22/01/2016

(54) Title of the invention : SYSTEM AND METHOD OF PROVIDING USER INTERACTION WITH A SOFT KEYPAD BASED DEVICE

(51) To the section of the section	COLE	
	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SAMSUNG R&D INSTITUTE INDIA BANGALORE
(32) Priority Date	:NA	PRIVATE LIMITED
(33) Name of priority country	:NA	Address of Applicant :# 2870, ORION Building, Bagmane
(86) International Application No	:NA	Constellation Business Park, Outer Ring Road, Doddanakundi
Filing Date	:NA	Circle, Marathahalli Post, Bangalore-560 037 Karnataka India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)Ganmoor, Santosh Kumar
Filing Date	:NA	2)DIVAKAR, Rajashree Prahladrao
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

SYSTEM AND METHOD OF PROVIDING USER INTERACTION WITH A SOFT KEYPAD BASED DEVICE The present invention describes a system and method of providing user interaction with a soft keypad based device. The system comprises a bezel touch sensing unit for providing at least one user input, a touch screen based display unit for selecting one or more information displayed on receiving the at least one user input, and a processing unit coupled to the bezel touch sensing unit and the touch screen based display unit for processing one or more received signals. Figure 1



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

(21) Application No.2824/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :09/06/2014

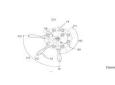
(43) Publication Date : 22/01/2016

(54) Title of the invention : DEVICE FOR SAMPLING SOLIDS FROM A SEALED ENCLOSURE AND METHOD USING SAME

(51) International classification	:G01D	(71)Name of Applicant :
(31) Priority Document No	:13/55.441	1)AXENS
(32) Priority Date	:12/06/2013	Address of Applicant : of 89 Bd Franklin Rossevelt, B.P.
(33) Name of priority country	:France	50802, 92508 RUEIL MALMAISON, Cedex, France France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MUNIER, Michel
(87) International Publication No	: NA	2)GOUZARD, Jean Paul
(61) Patent of Addition to Application Number	:NA	3)GIROD, RÂmi
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		L

(57) Abstract :

The present invention relates to a device (14) for sampling a solid from a sealed enclosure (12), said device comprising a body (18) carrying a sampling head (16) with a solid collection recess (28), a collected solid transfer recess (28), angular-displacement shutter means (30) for said recesses controlled by control means (48). According to the invention, the device also comprises means (78, 80) for limiting the angular clearance of the shutter means for no-load displacement (c) of said means. Figure for the abstract: Figure 4.



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

(19) INDIA

(22) Date of filing of Application :02/06/2014

(21) Application No.2684/CHE/2014 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : IRON BRIQUETTE TECHNOLOGY	
(51) International classification ;C21B ,C22B	(71)Name of Applicant : 1)VIJAY GOYAL
(31) Priority Document No :NA	Address of Applicant :A1, 49-27-15, SURYA RESIDENCY,
(32) Priority Date :NA	MADHURANAGAR, VISAKHAPATNAM Andhra Pradesh
(33) Name of priority country :NA	India
(86) International Application No :NA	(72)Name of Inventor :
Filing Date :NA	1)VIJAY GOYAL
(87) 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 illustrates a DRI (Direct Reduced Iron) Walking Hearth OVEN constructed with a technology that allows the recovery of flammable gas such as, Carbon Mono-oxide, Hydrogen and prevents pollution. The steel mill waste or iron ore fines are used as raw material for the same which helps produce high quality products for metallurgical industry with successive low investment, quick reduction and no re-oxidizing of the material. Once the steel mill waste or iron ore fines, reducing agent, de-sulfur agent, catalyst, and bonding agent is mixed uniformly, the mixture is subjected to a pre-briquetting machine for briquetting, then sent to a drier and later is fed into the WH oven. Alternatively, the HOT briquettes can be transferred to electrical furnace for melting through the conveyer belt where the temperature is 800 to 1000°C. The temperature of the WH oven is around 1250°C and the reduction period is around 20-30 minutes. The technology prevents any slag formation and therefore no separation or processing is required. Figure 2

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

(21) Application No.2759/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :05/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : A PROCESS FOR ESSENTIAL OIL BASED BIOPESTICIDAL COMPOUND FROM ARTEMISIA NILAGIRICA (CLARKE) AGAINST FOUR STORED FOOD PRODUCT INSECT PESTS CORCYRA CEPHALONICA, SITIPHILUS GRANARIUS, TRIBOLIUM CONFUSUM AND TROGODERMA GRANESIA

		(71)Name of Applicant :
(51) International classification	:a01n65/00	
(31) Priority Document No	:NA	Address of Applicant :DEPARTMENT OF
(32) Priority Date	:NA	BIOTECHNOLOGY, KARPAGAM UNIVERSITY, POLLACHI
(33) Name of priority country	:NA	MAIN ROAD, COIMBATORE - 641 021 Tamil Nadu India
(86) International Application No	:NA	2)DR. G.R. PRABU
Filing Date	:NA	3)MR. L. KISHMU
(87) International Publication No	: NA	4)KARPAGAM UNIVERSITY
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. M. Nalini Padmanabhan
(62) Divisional to Application Number	:NA	2)DR. G.R. PRABU
Filing Date	:NA	3)MR. L. KISHMU
		4)KARPAGAM UNIVERSITY

(57) Abstract :

ABSTRACT OF THE INVENTION Insecticidal activity of essential oil against several stored product insects has been studied. But, identification of bioactivity compound present in the essential oil responsible for insecticidal activity leads to the development of commercial Biopesticide against the stored product insect pests. We identified the bioactive compound a- thujone present in A. nilagirica essential oil and also we determined the fumigant and repellent effect of a- thujone against Corcyra cephalonica, Tribolium confusum, Sitophilus granarius and Trogoderma granesia. Lethal concentration of a- thujone as a fumigant required for 50% mortality of C. cephalonica adult was 0.5 ul/L air after 24 h exposure, slightly higher concentration required for other test insects. Only minimum concentration of a- thujone was required for the mortality of insects within 24 h , therefore it can be considered as potential fumigant against the stored product insets.

No. of Pages : 5 No. of Claims : 1

(21) Application No.2835/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :10/06/2014

(43) Publication Date : 22/01/2016

(51) International classification :G06F (71)Name of Applicant : (31) Priority Document No 1)HEWLETT-PACKARD DEVELOPMENT COMPANY, :NA (32) Priority Date :NA L.P. (33) Name of priority country Address of Applicant :11445 Compaq Center Drive West, :NA Houston, Texas 77070 U.S.A. (86) International Application No :NA Filing Date (72)Name of Inventor: :NA 1)BHASIN, Gautam (87) International Publication No : NA (61) Patent of Addition to Application Number :NA 2)KOENIG. Nico Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : SERVICE LEVEL BASED CATEGORIZATION OF VIRTUAL MACHINES

(57) Abstract :

The present subject matter relates to categorizing virtual machines of a virtual machine environment into predefined service level buckets. The predefined service level buckets are indicative of different levels of 5 application based services that are to be applied to the virtual machines. In one implementation, specifications of information technology (IT) resources allocated to each of the virtual machines are obtained. A weighted average score for each virtual machine with respect to each of the specifications of IT resources is determined. The weighted average 10 score is indicative of a relative level of importance of the corresponding virtual machine with respect to the corresponding specification of IT resource for providing at least one business service using the virtual machine environment. Each virtual machine is assigned to one of the predefined service level buckets based on a total weighted average score 15 for the each virtual machine.

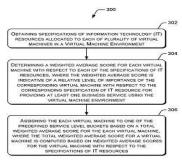


Figure 3

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

(19) INDIA

(22) Date of filing of Application :10/06/2014

(21) Application No.2836/CHE/2014 A

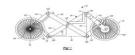
(43) Publication Date : 22/01/2016

(54) Title of the invention : FOLDING VEHICLE

		(71)Name of Applicant :
(51) International classification	:B65H	1)FORD GLOBAL TECHNOLOGIES, LLC
(31) Priority Document No	:61/833554	Address of Applicant :Suite 800, 330 Town Center Drive,
(32) Priority Date	:11/06/2013	Dearborn, Michigan 48126, U.S.A.
(33) Name of priority country	:U.S.A.	2)THEODORE & ASSOCIATES LLC
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)THEODORE, Chris P.
(87) International Publication No	: NA	2)BATTY, Christopher David
(61) Patent of Addition to Application Number	:NA	3)HANSON, Aaron Matthew
Filing Date	:NA	4)LEU, Stephen Paul
(62) Divisional to Application Number	:NA	5)NAGARA, Keith Albert
Filing Date	:NA	6)RUSNAK, Tyler Gregory
-		7)VANDERVOORD, Gregory

(57) Abstract :

-As Attached-



No. of Pages : 40 No. of Claims : 20

(21) Application No.1509/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :02/06/2010

(43) Publication Date : 22/01/2016

(54) Title of the invention : THERAPEUTIC EFFECT OF ETANERCEPT (TNFR:FC) IN THE DEVELOPMENT OF INFLAMMATORY POLYARTHRITIS IN HUMAN

(51) International classification	:C07K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AVESTHAGEN LIMITED
(32) Priority Date	:NA	Address of Applicant :DISCOVERER, 9TH FLOOR,
(33) Name of priority country	:NA	INTERNATIONAL TECH PARK, WHITEFIELD ROAD,
(86) International Application No	:NA	BANGALORE - 560 066. Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PATELL, VILLOO MORAWALA
(61) Patent of Addition to Application Number	:2658/CHE/2009	2)GUZDER, SAMI
Filed on	:03/11/2009	3)MAITY, SUNIT
(62) Divisional to Application Number	:NA	4)LAHIRI, SUBHRA
Filing Date	:NA	

(57) Abstract :

The present invention relates to efficacy studies of the test compound Etanercept in preventing the arthritic pathology developing in the Tg197 mice. The study claims that the test compound Etanercept, used at 30 mg/kg was significantly effective in preventing the arthritic pathology developing in the Tg197 mice compared to mice treated with formulation buffer alone. A marked improvement was evident in all scores measured, namely statistically very significant arthritis inhibition of 60% in histopathology and 80% with in-life clinical measurements. In addition, healing with the test material Etanercept appeared significantly more efficient in inhibiting clinical oedema in arthritic in-life scores, compared to positive control Enbrel treatment by week 10. The mean histology and arthritic scores at the end of study in the group treated with the test compound Etanercept, but not the positive control Enbrel, indicated an improvement towards 25% compared to the 3 week-old control group. In conclusion, the test material Etanercept proved to be effective in treating the progressive arthritis of the Tg197 humanized mouse model of arthritis.

No. of Pages : 22 No. of Claims : 13

(21) Application No.2772/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :05/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : UTILIZATION OF WATER FLOWING OUT FROM AUTOMOBILE AIR CONDITIONERS

(51) International classification	:F24F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SUNIL GOPINATH
(32) Priority Date	:NA	Address of Applicant :'MEENAKSHY', T.C 27/991 (3), OLD
(33) Name of priority country	:NA	COLLECTRATE JUNCTION, VANCHIYOOR, TRIVANDRUM
(86) International Application No	:NA	- 695 035 Kerala India
Filing Date	:NA	2)SATISH KUMAR G
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SUNIL GOPINATH
Filing Date	:NA	2)SATISH KUMAR G
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

An automobile air conditioner condensate reutilizing system is provided. It includes water storage container for storing waste water generated from automobile air conditioners. Weight sensor and level sensor are provided with an airtight storage container which receives filtered water from the storage container. The sensors senses maximum and minimum level / weight of water in the air tight storage container and activate the pump automatically to fill respective reservoirs used for various purposes.

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

(19) INDIA

(22) Date of filing of Application :05/06/2014

(21) Application No.2773/CHE/2014 A

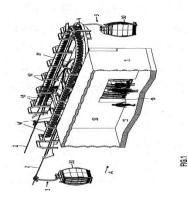
(43) Publication Date : 22/01/2016

(51) International classification	:B60L	(71)Name of Applicant :
(31) Priority Document No	:A	1)INNOVA PATENT GMBH
(51) Thomy Document No	712/2013	Address of Applicant :RICKENBACHERSTRASSE 8-10, A
(32) Priority Date	:16/09/2013	6922 WOLFURT Austria
(33) Name of priority country	:Austria	(72)Name of Inventor :
(86) International Application No	:NA	1)MORITZHUBER JOHANNES
Filing Date	:NA	
(87) 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

(54) Title of the invention : CABLEWAY SYSTEM FOR TRANSPORTING PERSONS

(57) Abstract :

ABSTRACT OF THE DISCLOSURE Acableway system for the transport of persons has one or a plurality of vehicles, such a gondolas, that are moved along a route between stations. En route the vehicles are coupled to a conveying or traction cable. In the stations the vehicles are decoupled from the conveying or traction cable, moved through the station, where they are moved past or halted at one or more embarkation or disembarkation points adjoining an entry or exit region for the passengers, where the passengers board or vacate the vehicles. Then the vehicles are once more coupled to the conveying or traction cable and moved out of the station. In at least one of the stations there is provided a screen or wall between the movement path of the vehicle and the entry or exit region for the passengers. The wall is formed with a passage opening for the passengers at the embarkation or disembarkation point. (FIG.1)



No. of Pages : 11 No. of Claims : 8

(19) INDIA

(21) Application No.2844/CHE/2014 A

(22) Date of filing of Application :11/06/2014

(43) Publication Date : 22/01/2016

(51) International classification :H01L (71)Name of Applicant : (31) Priority Document No :NA 1)Innorel Systems Private Limited (32) Priority Date :NA Address of Applicant :583, Third Floor, C-Block, 60 Feet (33) Name of priority country Road, AECS Layout, Kundalahalli, Bangalore Karnataka India :NA (86) International Application No (72)Name of Inventor : :NA Filing Date 1)Saumitra Singh :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : A DISTRIBUTED MPPT OPTIMIZER CIRCUIT FOR SOLAR PANELS

(57) Abstract :

A system and method for optimizing load current in a string of solar panels a string of solar panels includes a microprocessor coupled to the string of solar panels. The system includes a first DC-to-DC converter comprising input terminals coupled to a load and output terminals coupled to each solar panel in the string of solar panels. The first DC-to-DC converter is operable to supply a compensatory power for compensating a drop in the peak current arising due to shading of one or more solar panels. Moreover, the system includes a second DC-to-DC converter coupled to the first Dc-to-DC converter. The second DC-to-DC converter is operable as one of a voltage adder and a voltage subtractor to generate a compensatory voltage for compensating a drop in the load current arising due to panel mismatch among the string of solar panels.

No. of Pages : 38 No. of Claims : 21

(21) Application No.2616/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :28/05/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : THERMAL CUT-OFF PROTECTION UNIT IN STARTER MOTOR

(51) International classification:H02K5/0(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA	 (71)Name of Applicant : (71)Name of Applicant : (1)COMSTAR AUTOMOTIVE TECHNOLOGIES PVT LTD Address of Applicant :KEELAKARANAI VILLAGE, MALROSAPURAM POST, MARAMALAINAGAR, CHENGALPATTU - 603 204, KANCHEEPURAM Tamil Nadu India (72)Name of Inventor : I)RADHAKRISHNAN, MURUGANANDAM 2)GANESAN, THULSIRAJAN 3)RAGHURAMAN, ANBARASU 4)RAMAKRISHNAN, SARANKUMAR
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(57) Abstract :

The brush device of a starter with an thermal cut-off protection device of the present invention is provided with brush assembly holders, brushes supported in the brush holders, respectively, springs contacting one sides of the brushes to press the brushes in the radial, inner directions, and thermostats disposed on the brushes and adapted to interrupt energization of a starting motor with a power when the brushes exceed a predetermined temperature, caused by the starting motor continuously energized with the power supply.

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

(19) INDIA

(22) Date of filing of Application :02/06/2014

(21) Application No.2691/CHE/2014 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : DESIGN AND DEVELOPMENT OF SPYING UNMANNED AERIAL VEHICLE WITHIN ECONOMY

(51) International classification	:B64C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. G. HEMATH KUMAR
(32) Priority Date	:NA	Address of Applicant : COMPOSITE RESEARCH CENTRE,
(33) Name of priority country	:NA	12A, G. N. B. AISHWARIA FALTS, E.V.R. STREET,
(86) International Application No	:NA	VINAYAGAPURAM, AMBATTUR, CHENNAI - 600 053
Filing Date	:NA	Tamil Nadu India
(87) International Publication No	: NA	2)B. MADHAN KUMAR
(61) Patent of Addition to Application Number	:NA	3)H. MOHIT
Filing Date	:NA	(72)Name of Inventor :
(62) Divisional to Application Number	:NA	1)DR. G. HEMATH KUMAR
Filing Date	:NA	2)B. MADHAN KUMAR

(57) Abstract :

This paper discusses the design and manufacturing of a UAV (UNMAANNED AERIAL VEHICLE) which can able to survey particular areas and also hijacked areas. UAS (Unmanned Aircraft Systems) is an emerging sector of the aerospace industry with great opportunity and market demand that can be leveraged to high profitability in the near future. UAV are the most predominant segment of the UAS market. But the cost of a normal UAV ranges millions of dollars, only affordable for developed countries. Developing countries are in needing have cost efficient UAVs for their convenience. For that this model is very helpful. It is a compact aerial vehicle manufactured with cellulose paper comes under use and throw category and also rechargeable category. The system consists of a aerodynamically efficient paper plane with a Bluetooth enabled camera and lipo batteries. Since it is a lighter than air gliding UAV, it is ultimately noiseless. It uses only the li-po fuel cells so that it is free from exhaust. Overall the UAV is a green technology and eco friendly. It may be a great device to reduce the loss of precious life of our soldiers. The paper plane is fully controllable by means of changing the aerodynamics of paper plane. More over it is portable, easily manufactured, and the overall manufacturing cost is estimated about 1000 rupees per drone. It is efficient both economically and technologically. The paper plane is to be dropped from a certain altitude (about 100 to 200 m) so that it can able to withstand in air and the control surface got works efficiently.

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

(21) Application No.2764/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :05/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : LATERAL FLOW KIT FOR SERO DIAGNOSIS OF BOVINE BRUCELLOSIS

(5 1) To to an all all and (6 and 1)	120	
(51) International classification	-	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TAMIL NADU VETERINARY AND ANIMAL
(32) Priority Date	:NA	SCIENCES UNIVERSITY
(33) Name of priority country	:NA	Address of Applicant :MADHAVARAM MILK COLONY,
(86) International Application No	:NA	CHENNAI - 600 051 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PARIMAL ROY
(61) Patent of Addition to Application Number	:NA	2)K. MANIMARAN
Filing Date	:NA	3)S. SURESHKANNAN
(62) Divisional to Application Number	:NA	4)K. SENTHIL KUMAR
Filing Date	:NA	
		·

(57) Abstract :

t ABSTRACT: Lateral Flow Kit for Sero diagnosis of Bovine Brucellosis. The present invention relates to the development of a lateral flow kit for sero diagnosis of bovine brucellosis. The newly developed lateral flow test (LFT) is 4-6 times sensitive as compared to conventionally used Rose Bengal Plate Agglutination test. LFT can be used as a pen side test for screening of bovine brucellosis. The said test kit is stable and can be stored at room temperature (25°C) for a period of 45 days.

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

(21) Application No.2840/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :11/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : AUTOMATING THE EXISTING CRADLE BY CRANK ROCKER MECHANISM

(57) Abstract :

Abstract Automating existing cradle by crank rocker mechanism Even though the engineering techniques have a wide range of applications; some of our traditional practices are being practiced. In this modern world everyone sticks with many works. Yet being parents, they are supposed to wait near their babys cradle and swing it, until the child falls asleep. To overcome this, we had thought of and created this cradle which is capable of operating automatically by using an electric motor. Here we have calculated the angle of oscillation from the concept of transmission angle. By using this concept, angle through which it has to be transmitted is kept within the safer limit for the childs oscillation. Length of the crank, connecting rod is according to this angle. The power of the motor is chosen based on the weight of the child. Motor with low speed and constant velocity is mostly preferred. In this cradle we have a new implementation which is a timer, which will make the motor to rest automatically after the time which has been set. This will make us very comfortable because when the baby was slept say after 15 minutes we may set this cradle to work for that particular time by the use of this timer. This mechanism is attached to our cradle by providing a holder at the rocker end. From our ancient days, being a parent we are ought to swing our babys cradle. By the advent of our automated cradle, we can utilize our time in a proper alternate way. So this will be a sustainable product for several centuries. This invention is made with environmental and economic aspects, so this will definitely make our timeeiFicient in many of the aspects.

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

(19) INDIA

(22) Date of filing of Application :06/06/2014

(21) Application No.2788/CHE/2014 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : SPUN YARN DRAWING APPLICATION		
(51) International classification	:D02J	(71)Name of Applicant :
(21) Drigrity Degument No	:2013-	1)TMT MACHINERY, INC.
(31) Priority Document No	127532	Address of Applicant :6TH FL., OSAKA GREEN BLDG., 2-
(32) Priority Date	:18/06/2013	6, KITAHAMA, CHUO-KU, OSAKA-SHI, OSAKA 541-0041
(33) Name of priority country	:Japan	Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MATSUI MASAHIRO
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(54) Title of the invention : SPUN YARN DRAWING APPLICATION

(57) Abstract :

ABSTRACT OF THE DISCLOSURE A spun yarn drawing apparatus includes godet rollers 11 to 13, godet rollers 14 and 15 having a higher roller surface temperature than the godet rollers 11 to 13, a heat retaining box 16 including a first housing space 24a where the godet rollers 11 to 13 are housed and a second housing space 24b where the godet rollers 14 and 15 are housed, and a preliminary heating box 17 including a preliminary heating space 35 where yarns Y run before wound onto the godet roller 11. In the preliminary heating box 17, air supplied from the second housing space 24b blows onto the yarns Y running in the preliminary heating space 35, with the result that the yarns Y are preliminarily heated before wound onto the godet roller 11.

No. of Pages : 40 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :13/11/2009

(21) Application No.2789/CHE/2009 A

(43) Publication Date : 22/01/2016

(51) International classification	:B01D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NTVI PVT. LTD.,
(32) Priority Date	:NA	Address of Applicant :201, TECHNO ENCLAVE, OPP.
(33) Name of priority country	:NA	RAHEJA IT MIND SPACE, MADHAPUR, HITECH CITY,
(86) International Application No	:NA	HYDERABAD, A.P - 500 008 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RAJESH REDDY MEREDDY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : SYSTEM AND METHOD FOR PURIFYING WATER

(57) Abstract :

A system and a method for purifying water are disclosed. A plant for purifying water to produce drinking water from raw water includes a treatment tank in which the water is treated, a raw water source, upstream from the treatment tank, from which the raw water is supplied to the treatment tank, a storage tank, downstream of the treatment tank, in which the drinking water is stored, a treated-water conduit connecting the storage tank to a point of use for supplying the drinking water from the storage tank to the point of use, an ozone generator for producing ozone from ambient air, a gas conduit connecting the storage tank to the treatment tank, a transfer conduit connecting the storage tank to the treatment tank, a transfer conduit connecting the storage tank to the treatment tank, the transfer conduit further including a pump for feeding the water from the treatment tank to the storage tank to the treatment tank, a control and monitoring system for controlling and monitoring the plant, the control and monitoring system comprising means for operating the pump selectively upon consumption of water at the point of use and at time intervals between periods of consumption of the water, an air dehumidifier connected between the air dehumidifier and the ozone generator.

No. of Pages : 20 No. of Claims : 5

(21) Application No.2789/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :06/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : PROCESS FOR AMORPHOUS NILOTINIB HYDROCHLORIDE SOLID DISPERSION

 (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 	:NA :NA ·NA	 (71)Name of Applicant : 1)HETERO RESEARCH FOUNDATION Address of Applicant :HETERO DRUGS LIMITED, HETERO CORPORATE, 7-2-A2, INDUSTRIAL ESTATES, SANATH NAGAR, HYDERABAD - 500 018 Andhra Pradesh India (72)Name of Inventor : 1)PARTHASARADHI REDDY, BANDI 2)RATHNAKAR REDDY, KURA 3)MURALIDHARA REDDY, DASARI 4)SRINIVASA RAO, THUNGATHURTHY 5)VAMSI KRISHNA, BANDI
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(57) Abstract :

1. A process for the preparation of stable amorphous form of Nilotinib Hydrochloride comprising: a) suspending Nilotinib in a solvent; b) adding a solution of hydrochloride in a solvent to the suspensi \tilde{A}^{3} n obtained in step (a) to obtain a clear solution; c) adding one or more pharmaceutically acceptable carrier selected from copovidone, polymethacrylate polymer, hydroxypropyl methylcellulose ac \tilde{A} tate succinate, docusate sodium, tween 80, poloxmer, span-20 and soluplus; and d) removing the solvent to obtain amorphous solid dispersi \tilde{A}^{3} n of nilotinib hydrochloride.

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

(21) Application No.2863/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :12/06/2014

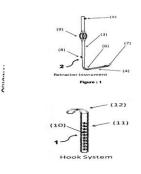
(43) Publication Date : 22/01/2016

(54) Title of the invention : AN IMPROVED ADJUSTABLE LIFT SYSTEM FOR MINIMAL INCISION SURGERIES

(51) International classification	:a61b	(71)Name of Applicant :
(31) Priority Document No	:NA	1)M/S SREE CHITRA TIRUNAL INSTITUTE FOR
(32) Priority Date	:NA	MEDICAL SCIENCES AND TECHNOLOGY
(33) Name of priority country	:NA	Address of Applicant :(AN INSTITUTE OF NATIONAL
(86) International Application No	:NA	IMPORTANCE UNDER GOVT. OF INDIA), BIO MEDICAL
Filing Date	:NA	TECHNOLOGY WING, POOJAPPURA,
(87) International Publication No	: NA	TRIRUVANANTHAPURAM - 695 012 Kerala India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. THOMAS MATHEW
(62) Divisional to Application Number	:NA	2)DR. JAYAKUMAR KARUNAKARAN
Filing Date	:NA	

(57) Abstract :

The invention discloses an improved adjustable lift system for minimal incision surgeries. This is a surgical instrument for improving the exposure of surgical structures while performing surgeries through a minimal incision approach like ministernotomy in cardiac surgery. The lifting system consists of one hook system (1) and a retractor instrument (2). The hook is a multi perforated flat plate (11) which is fixed onto a metal bar on the operating table. The retractor instrument (2) has a shaft (3) i.e. circular in profile and the diameter tapers to the angle end (6) so as to reduce the profile and the triangular blade (4) which is placed underneath the undivided sternum is placed at an angle (6) to the shaft. The shaft has a L shaped hook (8) riveted to it and is used to hitch the pericardium with sutures and act as a stay for the sutures to be hitched. A circular hoop (9) in the mid position increases the surgeons grip while raising the retractor to the hook. Flanged knob (5) fits the instrument (2) to the perforation in the hook (1) in a lock and key fashion. Fig. 1 and 2.



No. of Pages : 14 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :09/06/2014

(21) Application No.2807/CHE/2014 A

(43) Publication Date : 22/01/2016

		F
(51) International classification	:B60T	(71)Name of Applicant :
(31) Priority Document No	:2013-	1)DENSO CORPORATION
(51) Thomy Document No	121986	Address of Applicant :of 1-1, Showa-cho, Kariya-city, Aich
(32) Priority Date	:10/06/2013	pref. 448-8661, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NĀ	1)MURAYAMA, Takashi
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : BRAKE CONTROL DEVICE FOR VEHICLE

(57) Abstract :

An exemplary embodiment provides a brake control device comprising a master cylinder, an actuator for antilock braking control and a reservoir. The master cylinder has a cylinder portion generating brake fluid pressure on the basis of depression of a brake pedal. The actuator has at least one plumbing between the cylinder portion and at least one wheel cylinder, the plumbing transmitting the brake fluid pressure generated in the cylinder portion to the wheel cylinder, the plumbling having a main pipe line connected between the cylinder portion and the wheel cylinder, a pressure intensification control valve for controlling intensification of the brake fluid pressure supplied to the wheel cylinder being provided on the main pipe line, a pressure reduction pipe line connecting to the main pipe line between the pressure intensification control valve and the wheel cylinder, a pressure reduction control valve for controlling decrease of the brake fluid pressure supplied to the wheel cylinder being provided on the reduction pipe line, a housing forming at least a part of the main pipe line and the pressure reduction pipe line therein the pressure intensification control valve and the pressure reduction pipe line. The reservoir is configured to accumulate the brake fluid which is released from the pressure reduction pipe line. The master cylinder and the actuator are integrated.

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

(22) Date of filing of Application :09/06/2014

(12) INDIA

(21) Application No.2808/CHE/2014 A

(43) Publication Date : 22/01/2016

(51) International classification :H01H (71)Name of Applicant : :2013-**1)Panasonic Corporation** (31) Priority Document No 123032 Address of Applicant :of 1006, Oaza-Kadoma, Kadoma-shi, :11/06/2013 Osaka 571-8501, Japan Japan (32) Priority Date (33) Name of priority country (72)Name of Inventor: :Japan (86) International Application No :NA 1)SHINOHARA, Hiroki Filing Date :NA 2)INATSUGI, Takashi (87) International Publication No : NA 3)TANAKA, Tsuyoshi (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : ELECTROMAGNETIC TRIP DEVICE AND CIRCUIT BREAKER

(57) Abstract :

An electromagnetic trip device (90) includes a coil spring (98), a first core (93), and a second core (97). The first core and the second core are configured so that the first core and the second core are moved into contact with each other and moved away from each other by an urging force generated by the coil spring and an electromagnetic force generated by the first core. A core holder (96) supports the second core. The core holder includes a distal end (96c) and a basal end, which includes a pivot point (96b) The core holder pivots about the pivot point when the distal end receives a pushing force. The core holder pivots so that the second core approaches the first core when the first core generates the electromagnetic force. A biasing element (B) is located between the core holder and the second core to bias the second core toward the first core.

No. of Pages : 36 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :09/06/2014

(21) Application No.2809/CHE/2014 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : CIRCUIT BREAKER		
X /		
(51) International classification	:H01H	(71)Name of Applicant :
(31) Priority Document No	:2013- 122888	1)Panasonic Corporation Address of Applicant :of 1006, Oaza-Kadoma, Kadoma-shi
(32) Priority Date	:11/06/2013	Osaka 571-8501, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NĂ	1)SHINOHARA, Hiroki
Filing Date	:NA	2)INATSUGI, Takashi
(87) International Publication No	: NA	3)TANAKA, Tsuyoshi
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A circuit breaker includes a pivot member (50) pivotally supported by a shaft (19) in a housing (10). An urging element (55) is arranged between the pivot member and the housing to urge the pivot member. The pivot element (50) includes a shaft support (51c), which is supported by the shaft (19), and an urged portion (51a), which contacts one end of the urging element (55). The urged portion (51a) and the shaft support (51c) are aligned with a single point located on an axis of the shaft (19).

No. of Pages : 36 No. of Claims : 7

(22) Date of filing of Application :13/06/2014

(19) INDIA

(21) Application No.2889/CHE/2014 A

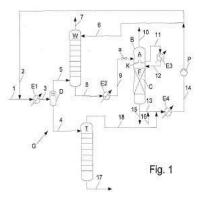
(43) Publication Date : 22/01/2016

(54) Title of the invention : PROCESS AND APPARATUS FOR SEPARATING METAL CARBONYLS FROM GAS MIXTURES

(51) International classification	:B01D	(71)Name of Applicant :
(31) Priority Document No	:DE 102013010103.4	1)Linde Aktiengesellschaft
(32) Priority Date	:18/06/2013	Germany Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:NA	1)ULVI, Kerestecioglu
Filing Date	:NA	2)THOMAS, Haberle
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a process and an apparatus for separating metal carbonyls from a gas mixture (1) by gas scrubbing with a physically acting scrubbing medium (6), where scrubbing medium (8) loaded with metal carbonyls in the scrub (W) is regenerated and is subsequently reused for separating off metal carbonyls. The invention is characterized in that in order to regenerate the loaded scrubbing medium (8) materials dissolved in the scrubbing medium are separated off only to the extent necessary for removal of the metal carbonyls. (Figure 1 attached)



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

(19) INDIA

(21) Application No.2593/CHE/2014 A

(22) Date of filing of Application :26/05/2014

(43) Publication Date : 22/01/2016

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A61M5/00 :NA :NA :NA :NA	(71) Name of Applicant : 1)DR. NARENDRA PUROHIT LAXMINARAYAN Address of Applicant :NO. 205, DASAKERI HALIYUR SHIKARIPUR. SHIMOGA DIST., KARNATAKA Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No(61) Patent of Addition to Application Number	: NA :NA	1)DR. NARENDRA PUROHIT LAXMINARAYAN
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(54) Title of the invention : SAFE AND ECONOMICAL SPINAL ANAESTHESIA PACK

(57) Abstract :

Safe and Economical Spinal Anaesthesia pack is disclosed. One embodiment of the present invention is a spinal anaesthesia pack for administering spinal anaesthesia intrathecally to a patient. The pack includes an ampule, two luer syringes of 2.5ml and 5ml capacity. The ampule and administering syringe are housed in a single pack not containing any other drug so that it avoids a wrong ampule being picked before injection thereby avoiding chance of wrong drug administration. The pack is easily identifiable at a distance even by laymen or support staff in operation theatre by its symbol and instructions avoiding mishaps of wrong ampule being picked and wrong route of administration. The pack has labelled syringes for easy identification.

No. of Pages : 18 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :30/05/2014

(21) Application No.2675/CHE/2014 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : SEMICONDUCTOR INGOT TRANSFERRING DEVICE

(51) International classification	:B28D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Applied Materials Switzerland Srl
(32) Priority Date	:NA	Address of Applicant :of Route de GenÃ ["] ve 38, 1033,
(33) Name of priority country	:NA	Cheseaux-Sur-Lausanne, Switzerland Switzerland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)STRAUBE, Ralph
(87) International Publication No	: NA	2)SAGVEKAR, Nishant Vinayak
(61) Patent of Addition to Application Number	:NA	3)BASAPPA, Santosh Harihar
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A transferring device for a wire saw is adapted for transferring a semiconductor ingot, and includes a gripper for reversibly gripping the ingot, a carrier for carrying the ingot, a carrier support which is vertically movable by a z-actuator, an x-actuator attached to the gripper for moving the ingot horizontally to and from the wire saw, a controller communicatively coupled to the actuators. The controller is for controlling the movement of the actuators. The transferring device is adapted for transferring a massive ingot of more than 50 kg.Fig. 10

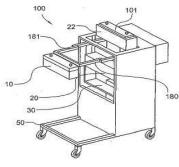


Fig. 10

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

(19) INDIA

(22) Date of filing of Application :04/06/2014

(21) Application No.2747/CHE/2014 A

(43) Publication Date : 22/01/2016

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

(51) International classification:C07C(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(63) Patent of Addition Number:NA(64) Date:NA(65) Divisional to Application Number:NAFiling Date:NAFiling Date:NA	 (71)Name of Applicant : (1)Symphony Pharma Life Sciences Address of Applicant :7A, Biotech Park, Phase II Genome Valley, Shamirpet, Hyderabad, Andhra Pradesh, India. Andhra Pradesh India (72)Name of Inventor : (72)Name of Inventor : 1)Sirisilla Raju 2)Ramchandra Reddy Pingili 3)Bandi VenkataRami Reddy 4)Singavarapu Thrimurthulu 5)Pendyala Vijender Reddy 6)Thaduri Narsimha Ramulu
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(57) Abstract :

The present invention relates to an improved process for the preparation of a Calcimimetic agent. More particularly, the present invention relates to an improved process for the preparation of Cinacalcet of formula I or its pharmaceutically acceptable salts.

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

(21) Application No.2887/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :13/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : NOTIFICATION SYSTEM AND AMBIENT LIGHTING ARRANGEMENT FOR DISPLAY DEVICES

(51) International classification	:h02j	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NISHANT GUPTA
(32) Priority Date	:NA	Address of Applicant :C/O SUDHIR KANT 751, 8TH
(33) Name of priority country	:NA	CROSS, 2ND BLOCK, RT NAGAR, BANGALORE - 560 032
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)NISHANT GUPTA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

POWER GENERATION BY MECHANICAL ENERGY ABSTRACT: A system to generate electrical power by applying an artificial energy to move or to rotate the arm or lever of the said system. The system comprising: [A] One or more leaver arms of any shape and any length. [B] One or more engine connected with the one or more lever arm to rotate the system. [C] Leaver arm connected to a system in which gear is fixed to transmit the mechanical energy. [D] A gear box coupled to the said system to achieve the required RPM. [E] A generator coupled to the gear box to convert the produced torque or mechanical energy to electrical energy. [F] An electrical system to distribute the electrical power produced to grid or to any power consumer or systems.

No. of Pages : 18 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :13/06/2014

(21) Application No.2888/CHE/2014 A

(43) Publication Date : 22/01/2016

(34) The of the invention . Tike restrict we f		
(51) International classification	:B60C	(71)Name of Applicant :
(31) Priority Document No	:2013- 128108	1)Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.) Address of Applicant :of 2-4, Wakinohama-Kaigandori 2-
(32) Priority Date	:19/06/2013	chome, Chuo-ku, Kobe-shi, Hyogo 651-8585, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NĂ	1)WAKAZONO, Takehiko
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : TIRE TESTING METHOD AND TIRE TESTING MACHINE

(57) Abstract :

To prevent occurrence of a slip between a tire and a drum and a flat spot on the tire and to reduce cycle time at a time of testing the tire, this tire testing method includes causing a control mechanism to control a motor to drive the tire to rotate at a predetermined rotational speed lower than a specified rotational speed if a linear sensor detects that the tire transported onto a center conveyor is sandwiched between an upper spindle and a lower spindle, and to control a moving mechanism to move a drum until the drum contacts the tire that rotates at the predetermined rotational speed. If a load cell detects the contact between the tire and the drum, then the control mechanism accelerates the rotation of the tire from the predetermined rotational speed to the specified rotational speed and increases a load applied to the tire by the drum, and the tire is tested.

No. of Pages : 32 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :09/06/2014

(21) Application No.2818/CHE/2014 A

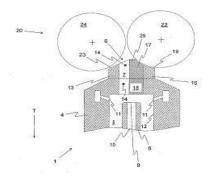
(43) Publication Date : 22/01/2016

(54) Title of the invention : SPINNING NOZZLE AND SPINNING STATION OF AN AIR-JET SPINNING MACHINE FITTED THEREWITH

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:01121/13 :14/06/2013 :Switzerland	Winterthur, Switzerland Switzerland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GRIESSHAMMER, Christian
(87) International Publication No	: NA	2)HASKA, Petr
(61) Patent of Addition to Application Number	:NA	3)BETZ, Dorothee
Filing Date	:NA	4)KÃPPERS, Simon
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a spinning nozzle for an air-jet spinning machine which is used for producing a thread (2) from a fiber sliver (3), wherein the spinning nozzle (1) has a base body (4) with an internal turbulence chamber (5), wherein the spinning nozzle (1) has an inlet opening (6) for the fiber sliver (3) which enters the turbulence chamber (5) in a transport direction when the air-jet spinning machine is operating, wherein a fiber guide channel (7) for guiding the fiber sliver (3) entering the inlet opening is provided between the inlet opening and the turbulence chamber (5), wherein the spinning nozzle (1) has a thread-forming element (8) which extends at least partially into the turbulence chamber (5) and has an inlet mouth (9) as well as an adjoining take-off channel (10) for the thread (2) in the transport direction, and wherein the spinning nozzle (1) has air nozzles (11) which are directed into the turbulence chamber (5). According to the invention, it is provided that, the spinning nozzle (1) has an extension piece (13) which is releasably fixed to the base body (4) in the region of the inlet opening (6), wherein the fiber guide channel (7) adjoining the inlet opening (6) is formed at least partially by a channel section (14) of the extension piece (13). Further, a spinning station of an air-jet spinning machine is proposed, wherein the spinning station comprises at least one correspondingly designed spinning nozzle (1). (Figure 4)



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

(22) Date of filing of Application :09/06/2014

(19) INDIA

(21) Application No.2819/CHE/2014 A

(43) Publication Date : 22/01/2016

(51) International classification :H01H (71)Name of Applicant : **1)Panasonic Corporation** :2013-(31) Priority Document No 123031 Address of Applicant :of 1006, Oaza-Kadoma, Kadoma-shi, :11/06/2013 Osaka 571-8501, Japan Japan (32) Priority Date (33) Name of priority country (72)Name of Inventor: :Japan (86) International Application No :NA 1)SHINOHARA, Hiroki Filing Date :NA 2)INATSUGI, Takashi (87) International Publication No : NA 3)TANAKA, Tsuyoshi (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : ELECTROMAGNETIC TRIP DEVICE AND CIRCUIT BREAKER

(57) Abstract :

An electromagnetic trip device (90) includes a coil spring (98). A first core (93) is inserted through the coil spring (98). A second core (97) is urged away from the first core by the coil spring. The first and second cores are moved into contact with each other and moved away from each other by an urging force generated by the coil spring and an electromagnetic force generated by the first core. A pivotal core holder (96) is pushed by a pushing force of a driver link (50), and the pivotal core holder (96) is pivoted in a direction in which the first core and the second core approach each other when the first core generates the electromagnetic force. A restriction portion (99) restricts movement of the driver link (50) against the pushing force of the driver link (50) when the core holder (96) is in contact with or in proximity to the driver link (50) and the first core (93) is in contact with the second core (97).

No. of Pages : 34 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :13/06/2014

(21) Application No.2893/CHE/2014 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : STORAGE MODULE AND METHOD FOR DETERMINING READY/BUSY STATUS OF A PLURALITY OF MEMORY DIES

(51) International classification:H04L 12/00(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NA	 (71)Name of Applicant : 1)SANDISK TECHNOLOGIES INC. Address of Applicant :Two Legacy Town Center, 6900 North Dallas Parkway Plano, Texas 75024, United States of America U.S.A. (72)Name of Inventor :
Filing Date :NA (87) International Publication No : NA	1)Daniel E. Tuers 2)Abhijeet Manohar
(61) Patent of Addition to Application Number :NA Filing Date :NA	3)Yoav Weinberg
(62) Divisional to Application Number :NA Filing Date :NA	

(57) Abstract :

A storage module and method are provided for determining ready/busy status of a plurality of memory dies. In one embodiment, a bus has a ready/busy line that is shared among the plurality of memory dies, and a time-division multiplex signal on the shared ready/busy line is used to communicate the ready/busy status of each of the memory dies. In another embodiment, each of the memory dies sends its ready/busy status to the storage controller using a different one of a plurality of data lines in the bus. In yet another embodiment, each of the memory dies sends a pulse across the ready/busy line with a different pulse width. To avoid collisions, each memory die waits a different number of clock cycles before attempting to send its pulse status after determining that the shared ready/busy line is in use.

No. of Pages : 29 No. of Claims : 22

(21) Application No.2801/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :07/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : VM AND HOST MANAGEMENT FUNCTION AVAILABILITY DURING MANAGEMENT NETWORK FAILURE IN HOST COMPUTING SYSTEMS IN A FAILOVER CLUSER

(57) Abstract :

Techniques for virtual machine (VM) management function availability during management network failure in a first host computing system in a cluster are described. In one example embodiment, management network failure is identified in the first host computing system. The management network being coupled to virtual management software in a management server and used for VM and host management functions. VM and host management functions on the first host computing system are then initiated via a failover agent associated with an active host computing system that is connected to the management network in the cluster and a shared storage network. [FIG. 2]

IDENTIFY MANAGEMENT NETWORK PAILURE IN THE FIRST HOST COMPUTING SYSTEM	~ 20
INITIATE VM AND HOST MANAGEMENT FUNCTIONS ON THE FRIST HOST COMPUTING SYSTEM VIA A PAILOVER AGENT ASSOCIATED WITH AN ACTIVE HOST COMPUTING SYSTEM	~ 204
4	
DECLARE THE FIRST HOST COMPUTING SYSTEM AS MANAGEMENT ISSUE ATED HIST COMPUTING SYSTEM	~ 204

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

(21) Application No.2881/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :13/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : WEARABLE SYSTEM OF ELETROCARDIOGRAM PLACED WITHING A SUIT OF CLOTHING FOR ITS CONTINUOUS USAGE

 (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 :NA	 (71)Name of Applicant : 1)BHAIRAV SHANKAR Address of Applicant :#89, SRINAGAR NAGAR COLONY, HYDERABAD - 500 073 Andhra Pradesh India (72)Name of Inventor : 1)BHAIRAV SHANKAR
Filing Date	:NA	

(57) Abstract :

The main objective of the present invention is to provide a comfortable solution for elderly and infirm with cardiac conditions. Another objective of the present invention is to provide a novel means of electrode attachment and removal. It discloses a wearable system of electro cardiogram to measure the heart conditions of a patient in an efficient way, which is further connected a remote server, where the acquired information is processed. This system creates a more secure bond to the skin and more accurate and standardized ECG electrode lead placement. The wearable garment reduces unexpected movement or dislocation. The system includes a set of newly designed electrodes (201) that helps in easy attachment and removal to and from the body. Figure 1

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

(21) Application No.2882/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :13/06/2014

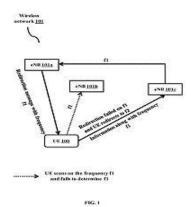
(43) Publication Date : 22/01/2016

(54) Title of the invention : A METHOD FOR HANDLING INTER-FREQUENCY REDIRECTION FAILURE IN LONG TERM EVOLUTION (LTE) NETWORK

(51) International classification(31) Priority Document No	:NA	(71)Name of Applicant :1)Samsung R & D Institute India- Bangalore
(32) Priority Date	:NA	Address of Applicant :# 2870, Orion Building, Bagmane
(33) Name of priority country		Constellation Business Park, Outer Ring Road, Doddanekundi
(86) International Application No		Circle, Marathahalli Post, Bangalore-560037 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Dheeraj Kumar
(61) Patent of Addition to Application Number	:NA	2)Raja Moses Manoj Kumar Eda
Filing Date	:NA	3)Arun Mahajan
(62) Divisional to Application Number	:NA	4)Abhishek Kaswan
Filing Date	:NA	

(57) Abstract :

A method and system for handling inter-frequency redirection failure in a LTE network is provided. When a User Equipment (UE) fails to redirect to a frequency f1 received from a base station, the UE camps on to a new base station on a different frequency f2. Further, the UE sends Physical Cell Identity (PCI) information along with the frequency f1, on which the redirection is failed to the new base station. The new base station sends the redirection failure frequency f1 to the base station. The new base station may indicate the frequency f2 to base station. The base station may update the frequency f1 with the frequency f2 for redirecting the other UEs in order to avoid inter-frequency redirection failures. FIG. 1



No. of Pages : 33 No. of Claims : 13

(21) Application No.2883/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :13/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : DEVELOPMENT OF ANTIMICROBIAL PAPER EGG TRAYS USING AIR LESS SPRAY SURFACE COATING APPROACH BASED ON WITH ANTIMICROBIAL HYBRID MIXTURE

	N (71)Name of Applicant :
(31) Priority Document No :NA	1)TRANSLATIONAL RESEARCH PLATFORM FOR
(32) Priority Date :NA	VETERINARY BIOLOGICALS (TRPVB)
(33) Name of priority country :NA	Address of Applicant :2ND FLOOR, CUL BUILDING,
(86) International Application No :NA	TANUVAS, MADHAVARAM MILK COLONY, CHENNAI 600
Filing Date :NA	051 Tamil Nadu India
(87) International Publication No : NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number :NA	1)KALIYAPERUMAL VISWANATHAN
Filing Date :NA	2)M. LATHA MALA PRIYADHARSHINI
(62) Divisional to Application Number :NA	3)GOPAL DHINAKAR RAJ
Filing Date :NA	

(57) Abstract :

A simple method to develop antimicrobial paper egg tray using hybrid mixer containing silver nanoparticles is reported, and the hybrid mixer coating was characterized using transmission electron microscopy (TEM), scanning electron microscopy (SEM), Fourier transformed infrared spectroscopy (FTIR), Raman spectroscopy, energy-dispersive X-ray spectroscopy (EDX) and X-ray diffraction patterns (XRD). To study the application, the hybrid mixer was manually coated on paper egg tray using air less spray and 100 nm 150 nm hybrid mixer coating thickness was achieved. The hybrid mixer coated anti- microbial egg tray demonstrated the antimicrobial activity against E.coli, S.aureus, Streptococcus and salmonella and result were compared with standard antibiotics. The results indicated that the developed anti-microbial paper egg tray showed strong antimicrobial activity than antibiotic discs .The egg storing material application was demonstrated by using regular farm eggs and it was stored up to 30 days with control samples. The results demonstrated that the internal egg quality and the egg self-life were significantly improved than control samples. In conclusion, these anti-microbial paper egg trays, which can be prepared in a simple and cost-effective manner, may be suitable for the formulation of new types of egg storing materials for the house hold use. Keywords: Silver nanoparticle; Anti microbial egg tray; Egg storage; Hybrid mixture; Spray coating

No. of Pages : 29 No. of Claims : 7

(19) INDIA

(21) Application No.2672/CHE/2014 A

(22) Date of filing of Application :30/05/2014 (43) Put

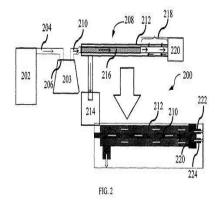
(43) Publication Date : 22/01/2016

(54) Title of the invention : APPARATUS AND METHOD PROVIDING INSULATING FOR INSPARATORY GAS DELIVERED TO PATIENT

(51) International classification	:A61M16/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:NA	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:NA	NEW YORK 12345 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DHULIPALLA, RAVIKUMAR
(87) International Publication No	: NA	2)MENON, MURALIKRISHNA
(61) Patent of Addition to Application Number	:NA	3)A. MOHAMMED YOUSUF ALI IMRAN
Filing Date	:NA	4)NEGI, BRIJESH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT An apparatus for delivering pressurized gas to the airway of a patient is disclosed. The apparatus includes a supply unit for supplying gas for the patient, a humidifier for humidifying the gas received from the supply unit, a gas transfer unit for delivering humidified gas to the patient and receiving expiratory gas from the patient. The gas transfer unit is connected to the humidifier for receiving the humidified gas, wherein the gas delivering unit facilitates the expiratory gas to reduce heat loss from the humidified gas. FIG. 2



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

(21) Application No.2821/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :09/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : A BRAKING DEVICE AND A METHOD TO OPERATE THE BRAKING DEVICE

(51) International classification	:B60T	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Robert Bosch Engineering and Business Solutions Limited
(32) Priority Date	:NA	Address of Applicant :123, Industrial Layout, Hosur Road,
(33) Name of priority country	:NA	Koramangala, Bangalore 560095, Karnataka, INDIA Karnataka
(86) International Application No	:NA	India
Filing Date	:NA	2)Robert Bosch GmbH
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)GOPALAKRISHNAN Mukunda
Filing Date	:NA	2)CHINNATHADAGAM Sivaraj Nanda Kumar
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A braking device 10 in a vehicle is disclosed. The braking device 10 comprises a pulley 26 connected to a brake pedal 28. A spring 24 is connected between the pulley 26 and a motor 18 via a connecting rod 22. The braking device 10 comprises a controller 16 which receives a first input from an object detecting sensor 12 and a second input from the brake pedal 28. The controller 16 actuates the motor 18 to pull the brake pedal 28 through movement of the spring 24 and the pulley 26 based on the first and second inputs. Reference figure: Figure 1

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

(21) Application No.2822/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :09/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : AUTOMATED VERIFICATION OF OPTICAL RANDOMNESS IN SECURITY LABEL

(51) International classification	:g09f	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ANAND Ashish
(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 power grid, HSR
(86) International Application No	:NA	Layout, Bangalore 560034, INDIA Kar ataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ANAND Ashish
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

This invention proposes a per-piece unique optical randomness on security labels that enables a unique color profiling. Verification of Color-profiling is fully automated. Color profiling is captured under a light homogenizer. Color profiling starts at certain intersection point (within security label) of line joining reference circle to centre of security label. Even if same label is reapplied after tampering the asset the color profiling gets auto changed and can be automatically verified. Color profiling based security is layered on fundamental layer of spatial orientation. Another form of optical randomness is proposed by combination of auto-acquired spatial orientation with surface unevenness. Finally to ensure reliability of scan the metadata of scanning is sent for post-mortem and audit purposes. Reference figure: Figure 1



Fig.1

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

(19) INDIA

(22) Date of filing of Application :09/06/2014

(21) Application No.2823/CHE/2014 A

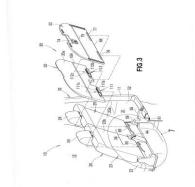
(43) Publication Date : 22/01/2016

(51) International classification	:B60R	(71)Name of Applicant :
(21) Priority Document No	:2013-	1)HONDA MOTOR CO., LTD.
(31) Priority Document No	122602	Address of Applicant :of 1-1, Minami-Aoyama 2-chome,
(32) Priority Date	:11/06/2013	Minato-ku, Tokyo 107-8556, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)OHKAWA, Daisuke
Filing Date	:NA	2)SHIROSE, Osamu
(87) International Publication No	: NA	3)IMAMURA, Masahiro
(61) Patent of Addition to Application Number	:NA	4)SATO, Koki
Filing Date	:NA	5)NISHIJIMA, Masashi
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : VEHICULAR LUGGAGE COMPARTMENT STRUCTURE

(57) Abstract :

A vehicular luggage compartment structure (30) includes a luggage compartment (31) formed behind a rear seat apparatus (20) and a floor board (33) separating the luggage compartment into upper and lower spaces (37, 38). The luggage compartment structure includes left and right retention portions (85, 86) protruding from a rear portion (22a) of a seat cushion (22) of the seat apparatus into the luggage compartment, and a slide board (35) including left and right fitting recesses (107, 108) formed on a back surface (35a) thereof for removably fittingly engaging the left and right retention portions. The left and right fitting recesses are supported in fitting engagement with the left and right retention portions from above the retention portions as the slide board is placed on the floor board. (Fig. 3)



No. of Pages : 52 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :26/11/2009

(54) Title of the invention : VIDEO TOUCH SCREEN ASSISTED PTZ CONTROLLER

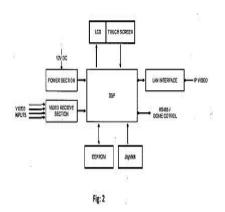
(21) Application No.2904/CHE/2009 A

(43) Publication Date : 22/01/2016

(51) International classification :H04N (71)Name of Applicant : (31) Priority Document No 1)KANNAN NATARAJAN :NA (32) Priority Date :NA Address of Applicant :Mediatronix Private Limited Industrial (33) Name of priority country estate Pappanamcode Trivandrum - 695019 Kerala State India :NA (86) International Application No Kerala India :NA Filing Date :NA (72)Name of Inventor: (87) International Publication No 1)KANNAN NATARAJAN : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present invention relates to a system comprises of a video touch screen monitor assisted PTZ controller to move PTZ camera to a random position much easier than the current method of using joysticks alone. The present invention also relates to a method of controlling or moving PTZ camera by suitably selecting the required position on a video touch screen monitor and it is also possible to select zoom ratio by marking an area on the touch screen. The video touch screen monitor can be a LCD touch screen monitor. Fig: 2



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

(21) Application No.2813/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :09/06/2014

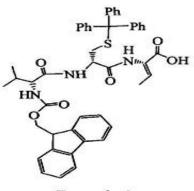
(43) Publication Date : 22/01/2016

(54) Title of the invention : PROCESS FOR PREPARATION OF (5R, 8S, Z)-1-(9H-FLUOREN-9-YL)-5-ISOPROPYL-3,6,9-TRIOXO-8-(TRITYLTHIOMETHYL)-2-OXA-4,7,10-TRIAZATRIDEC-11-ENE-11-CARBOXYLIC ACID

(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)MSN LABORATORIES PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :FACTORY: SY.NO.317 & 323,
(33) Name of priority country	:NA	RUDRARAM (VIL), PATANCHERU (MDL), MEDAK (DIST) -
(86) International Application No	:NA	502 329 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SRINIVASAN THIRUMALAI RAJAN
(61) Patent of Addition to Application Number	:NA	2)SAJJA ESWARAIAH
Filing Date	:NA	3)REVU SATYANARAYANA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract The present invention relates to a novel process for the preparation of (5R,8S,Z)-1 -(9H-fluoren-9-yl)-5-isopropyl-3,6,9-trioxo-8-(tritylthiomethyl)-2-oxa-4,7,10-triazatri dec-11-ene-ll-carboxylic acid compound of formula-2 which is represented by the following structural formula:



Formula-2

No. of Pages : 28 No. of Claims : 10

(21) Application No.2886/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :13/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHODS AND SYSTEMS TO DECOUPLE FLUID REGULATION COMPONENTS

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)General Electric Company
(32) Priority Date	:NA	Address of Applicant :1 River Road, Schenectady, New York
(33) Name of priority country	:NA	12345, USA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BHAT, SANKETH
(87) International Publication No	: NA	2)SIVASUBRAMANIAM, MANTHRAM
(61) Patent of Addition to Application Number	:NA	3)SRINIVASAN, PRASHANT
Filing Date	:NA	4)PATCHAIKANI, PREM KUMAR
(62) Divisional to Application Number	:NA	5)SINHA, ANKUR
Filing Date	:NA	

(57) Abstract :

An engine system is presented. The engine system includes a first fluid regulation component, a second fluid regulation component interrelated to the first fluid regulation component, a processing subsystem that determines a plurality of interaction gain matrices based upon a plurality of transfer functions, that define the dynamics of the engine system, and one or more operational data values, determines a decoupling matrix, comprising a plurality of interaction gain matrices, subject to satisfaction of one or more performance constraints associated with the engine system, and decoupling the first fluid regulation component and the second fluid regulation component based upon the plurality of decoupling values and the plurality of control gain parameters to achieve emissions of the engine system within desired emission limits.

No. of Pages : 31 No. of Claims : 20

(21) Application No.3036/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :09/12/2009

(43) Publication Date : 22/01/2016

(54) Title of the invention : PERSONAL THEATRE ENTERTAINMENT COMPANY ENGAGED IN PROVIDING MEDIA SERVICES THROUGH MOBILE PHONES

(51) International classification	:H04N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PERSONAL THEATRE ENTERTAINMENT
(32) Priority Date	:NA	Address of Applicant :NO.1A, BALAMUTHUKRISHNAN
(33) Name of priority country	:NA	STREET, 1ST FLOOR, T.NAGAR, CHENNAI - 600 017. Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MD. RAFEEQUR RAHMAN
(61) Patent of Addition to Application Number	:NA	2)S. RAJASEKAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is a Personal Theatre Entertainment processing unit running on a multiple workstations which converts all popular formats such as MPEG, WMV, Quick time to MMS Video format and the compression technique in the unit compresses image types such as JPG/JPEG or gif and will compress the video files to the maximum. The invention is aimed at providing entertainment and Advertisement Services to Mobile phone users using Multi Media Message service (MMS) and streaming Media contents provided by various leading telecom companies on existing networks, 3G Networks and any other future technologies. It aims at providing contents that are educative in nature to facilitate social organisations to communicate with citizens. The Personal Theatre Entertainment processing unit runs on multiple work station and comprises of Contact Manager which imports contacts through various sources like Excel, CSV and XML. The Contact Manager Modifies details and removes entries. The Delivery Manager creates a queue for delivery, does NDNC filtering and relays to service provider for push and pull status. The NDNC manager imports NDNC list. The campaign Manager creates MMS campaign along with MMS contents (text, images or video and contact list and the MMS compiler compile MMS through various sources and different videos/ image format. The PTE thereafter communicates with MMSC gateway service provider through MMSC Relay. The Service provider MMSC will communicate with Multiple Clients/users network simultaneously. The Delivery status is sent back to Elite Manager from clients/users network

No. of Pages : 24 No. of Claims : 4

(22) Date of filing of Application :30/07/2012

(19) INDIA

(21) Application No.3115/CHE/2012 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : IVABRADINE HYDROCHLORIDE AND THE PROCESSES FOR PREPARATION THEREOF •

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BIOCON LIMITED
(32) Priority Date	:NA	Address of Applicant :20th KM Hosur Road Electronic City
(33) Name of priority country	:NA	P.O. Bangalore 560 100 Karnataka India. Gujarat India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KIRAN KUMAR KOTHAKONDA
(87) International Publication No	: NA	2)SIVAKUMAR RAMASAMY
(61) Patent of Addition to Application Number	:NA	3)SRAVAN KUMAR BANDARU
Filing Date	:NA	4)SRINIVAS PULLELA VENKATA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to a process of preparing Ivabradine Hydrochloride, which is devoid of product related impurities. More specifically, the present disclosure provides a process to obtain a new polymorph of Ivabradine Hydrochloride, wherein said polymorph is pure and devoid of impurities at particular RRTs. The disclosure further relates to the removal of specific impurities of Formula 8 and/or Formula 9 during the preparation of said Ivabradine Hydrochloride. The disclosure also specifically provides the said polymorphic form of Ivabradine Hydrochloride.

No. of Pages : 25 No. of Claims : 18

(21) Application No.2797/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :06/06/2014

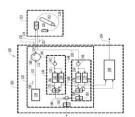
(43) Publication Date : 22/01/2016

(54) Title of the invention : SYSTEMS AND METHODS FOR MONITORING FIBER OPTIC CURRENT SENSING 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 	:G02B :13/913,832 :10/06/2013 :U.S.A. :NA :NA : NA :NA :NA :NA	
(62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract :

As Attached



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

(19) INDIA

(21) Application No.2798/CHE/2014 A

(22) Date of filing of Application :06/06/2014

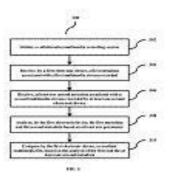
(43) Publication Date : 22/01/2016

(54) Title of the invention : A METHOD AND SYSTEM FOR CREATING A COLLABORATIVE GROUP CONTENT

(51) International classification	:G06F17/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Samsung R & D Institute India- Bangalore
(32) Priority Date	:NA	Address of Applicant :# 2870, Orion Building, Bagmane
(33) Name of priority country	:NA	Constellation Business Park, Outer Ring Road, Doddanekundi
(86) International Application No	:NA	Circle, Marathahalli Post, Bangalore-560037 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Girish Kulkarni
(61) Patent of Addition to Application Number	:NA	2)Roopa Sheshadri Kotiganahally
Filing Date	:NA	3)Raghavendra Kalose Mathsyendranath
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		·

(57) Abstract :

Embodiments herein provide a method for coordinating a multimedia recording in a collaborative environment. The method includes receiving, by a first electronic device, a first metadata associated with a first multimedia stream recorded. The method includes receiving, by the first electronic device at least one second metadata associated with a second multimedia stream recorded by at least one second electronic device. Further, the method includes composing, by the first electronic device, a resultant multimedia file based on the first metadata and at least one second metadata. FIG. 3



No. of Pages : 71 No. of Claims : 28

(21) Application No.2871/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :12/06/2014

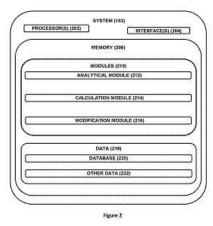
(43) Publication Date : 22/01/2016

(54) Title of the invention : SYSTEM AND METHOD FOR OPTIMIZING WINDOW GROWTH FUNCTION INTRANSMISSION CONGESTION CONTROL PROTOCOL(TCP)VARIANT

(51) International classification	:H04L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Samsung R & D Institute India- Bangalore
(32) Priority Date	:NA	Address of Applicant :# 2870, Orion Building, Bagmane
(33) Name of priority country	:NA	Constellation Business Park, Outer Ring Road, Doddanekundi
(86) International Application No	:NA	Circle, Marathahalli Post, Bangalore-560037 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Ajitesh Shukla
(61) Patent of Addition to Application Number	:NA	2)Vasanth Kanakaraj
Filing Date	:NA	3)Mohamed Fasil
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method for optimizing window growth function of a Transmission Control ProtocolTMs (TCP) congestion control variant is described. A congestion cycle in a network is analyzed. Based on the analysis, a flexibility factor in the window growth function is calculated. The flexibility factor is updated with respect to a change in an available bandwidth in the network. The flexibility factor represents a link utilization factor in the network. The window growth function is modified in based on the flexibility factor to obtain a dynamic window growth function. FIG. 2



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

(21) Application No.2873/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :12/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : SINTERING MATERIALS AND ATTACHMENT METHODS USING SAME

(51) International classification:H011(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No:NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA	 (71)Name of Applicant : 1)ALPHA METALS, INC. Address of Applicant :109 Corporate Blvd, South Plainfield, New Jersey 07080 USA U.S.A. (72)Name of Inventor : 1)SHAMIK GHOSHAL 2)V.SATHISH KUMAR 3)PAVAN VISHWANATH 4)RANJIT PANDHER 5)REMYA CHANDRAN 6)SUTAPA MUKHERJEE 7)SIULI SARKAR 8)BAWA SINGH 9)RAVINDRA BHATKAL
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(57) Abstract :

Methods for die attachment of multichip and single components including flip chips may involve printing a sintering paste on a substrate or on the back side of a die. Printing may involve stencil printing, screen printing, or a dispensing process. Paste may be printed on the back side of an entire wafer prior to dicing, or on the back side of an individual die. Sintering films may also be fabricated and transferred to a wafer, die or substrate. A post-sintering step may increase throughput.

No. of Pages : 57 No. of Claims : 1

(19) INDIA

(21) Application No.3953/CHENP/2014 A

(22) Date of filing of Application :26/05/2014

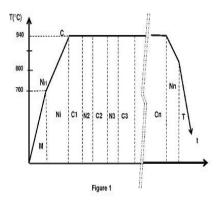
(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR LOW PRESSURE CARBONITRIDING HAVING AN EXTENDED TEMPERATURE RANGE IN AN INITIAL NITRIDATION PHASE

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:1159875	1)ECM TECHNOLOGIES
(32) Priority Date	:31/10/2011	Address of Applicant :46 Rue Jean Vaujany Technisud F
(33) Name of priority country	:France	38029 Grenoble Cedex France
(86) International Application No	:PCT/EP2012/069888	(72)Name of Inventor :
Filing Date	:08/10/2012	1)LAPIERRE Philippe
(87) International Publication No	:WO 2013/064335	2)LARDINOIS JÃrôme
(61) Patent of Addition to Application	:NA	3)GIRAUD Yves
Number	:NA :NA	4)RALLO Alfred
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for the low pressure carbonitriding of steel parts in particular parts used in the manufacture of automobiles comprising: a heating step that includes a simple heating phase (M) followed by an initial nitridation phase (Ni) from a temperature between 700°C and 750° C to a temperature between 860° C and 1000° C and is carried out using a reduced temperature gradient relative to the simple heating phase; and alternate cementing (C1 Cn) and nitridation (N1 Nn) steps at constant temperature; wherein the final nitridation step is accompanied with a decrease in temperature immediately before a quenching step (T).



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

(21) Application No.3956/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :26/05/2014

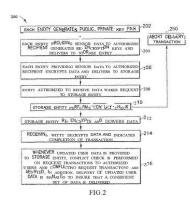
(43) Publication Date : 22/01/2016

(54) Title of the invention : METHODS AND APPARATUS FOR SHARING REAL TIME USER CONTEXT INFORMATION

(32) Priority Date:31/10/2011Finland(33) Name of priority country:U.S.A.(72)Name of	of Applicant :Keilalahdentie 4 FI 02150 Espoo of Inventor : AS Debmalya
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(57) Abstract :

Improved systems and techniques for secure delivery of data. One or more data providers deliver encrypted data to a storage entity (206). For each of one or more authorized recipients of data delivered by a data provider the data provider generates a re encryption key and delivers it to the storage entity (204). The storage entity uses a recipient s re encryption key to re encrypt data to be delivered to the recipient (212). The recipient is able to use its own key to decrypt data that has been encrypted with the data provider s key and re encrypted with the re encryption key of the recipient (214). Delivery of data may be managed to insure that it reflects a consistent condition (210 216). Data may be homomorphically encrypted by each of a plurality of data providers and processed in aggregate at the storage entity with a recipient being able to decrypt the aggregated data but not individual elements of the aggregated data.



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

(21) Application No.2829/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :10/06/2014

(54) Title of the invention : CARRIER RESINS WITH IMPROVED RH SENSITIVITY

(43) Publication Date : 22/01/2016

(71)Name of Applicant : :C08F (51) International classification 1)XEROX CORPORATION (31) Priority Document No :13/917,666 Address of Applicant :of 45 Glover Avenue, P.O. Box 4505, (32) Priority Date :14/06/2013 Norwalk, Connecticut 06856-4505, USA U.S.A. (33) Name of priority country :U.S.A. 2)NATIONAL RESEARCH COUNCIL OF CANADA (86) International Application No :NA (72)Name of Inventor : Filing Date :NA 1)Richard P N. Veregin (87) International Publication No : NA 2)Oingbin Li (61) Patent of Addition to Application Number :NA 3)Andriy Kovalenko Filing Date :NA **4)Sergey Gusarov** (62) Divisional to Application Number :NA 5)Daryl W. Vanbesien Filing Date :NA 6)Michael S. Hawkins

(57) Abstract :

The instant disclosure describes acrylate-coated carrier resins exhibiting both high charge and improved RH sensitivity, carrier compositions comprising the acrylate coated carriers and developers comprising the carrier resins.

No. of Pages : 54 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :10/06/2014

(21) Application No.2830/CHE/2014 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : INK STICK IDENTIF		
(51) International classification	:B41J	(71)Name of Applicant :
(31) Priority Document No	:13/917,439	1)XEROX CORPORATION
(32) Priority Date	:13/06/2013	Address of Applicant :of 45 Glover Avenue, P.O. Box 4505
(33) Name of priority country	:U.S.A.	Norwalk, Connecticut 06856-4505, USA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Brian Walter Aznoe
(87) International Publication No	: NA	2)Brent Rodney Jones
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A solid ink stick identification system enables accurate and efficient identification of solid ink sticks in a solid ink imaging device. The solid ink identification system includes an actuator configured to move one of an optical source and an optical sensor between a plurality of predetermined positions. The optical source emits light toward a face of the ink stick, and the optical sensor generates signals corresponding to an amount of reflected light received. A controller identifies features on the solid ink stick based on the signals as the one of the optical source and optical sensor is moved between the plurality of predetermined positions.

No. of Pages : 28 No. of Claims : 10

(21) Application No.3877/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :18/09/2012

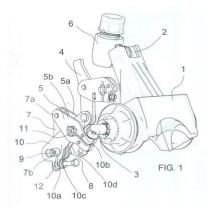
(43) Publication Date : 22/01/2016

(54) Title of the invention : ELECTRIC PROTECTION APPARATUS COMPRISING A ROCKING LEVER SUPPORTING A MOVABLE CONTACT

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H01H :11 02898 :23/09/2011 :France	RUEIL MALMAISON France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GARAVELLI, JORDANE
(87) International Publication No	: NA	2)TERPEND, SERGE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an electric protection apparatus comprising a stationary electric contact (6) and a mechanism designed to drive a rocking lever (1) supporting a movable electric contact (2) between a first position in which the above-mentioned movable contact (2) and the stationary contact (6) are closed and a second position in which the movable contact (2) and the stationary contact (6) are closed and a second position in which the movable contact (2) and the stationary contact (6) are separated, by means of a control rod (4) of the mechanism operating in conjunction with a drive rod (5) of the operating shaft (3) of the rocking lever (1). This device is characterized in that it comprises an adjustment of the rotation position of the rocking lever (1) when the latter is in the above-mentioned first position called line position, said adjustment device being fitted between the above-mentioned control rod (4) and drive rod (5), and comprising first means (7,8,9,10) for adjusting the position of the drive rod (5) of the shaft (3) in a predefined position and means (12) for keeping this drive rod (5) in the latter position. FIG.1.



No. of Pages : 11 No. of Claims : 8

(21) Application No.3971/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :27/05/2014

(43) Publication Date : 22/01/2016

(51) International classification	:G02B6/38	(71)Name of Applicant :
(31) Priority Document No	:61/554938	1)NANOPRECISION PRODUCTS INC.
(32) Priority Date	:02/11/2011	Address of Applicant :411 B Coral Circle El Segundo CA
(33) Name of priority country	:U.S.A.	90245 U.S.A.
(86) International Application No	:PCT/US2012/063459	(72)Name of Inventor :
Filing Date	:02/11/2012	1)CHEN Yang
(87) International Publication No	:WO 2013/067457	2)HII King fu
(61) Patent of Addition to Application	:NA	3)MENGESHA Tewodros
Number		4)BOSCH Fred
Filing Date	:NA	5)MORGAN Chris
(62) Divisional to Application Number	:NA	6)VALLANCE Robert Ryan
Filing Date	:NA	

(54) Title of the invention : CASTELLATED OPTICAL FIBER CABLE RETENTION STRUCTURE

(57) Abstract :

A cable retention structure defining a castellated fiber cable clamping surface. The castellated surface has a series of alternating small and large cavities distributed along the axial direction. The small cavities are sized such that when the castellated surface is pressed against the buffer jacket exterior of the fiber cable the small cavities will be able to clamp the fiber cable jacket within its full dimensional tolerance range. The large cavities are sized to provide sufficient clearance to accommodate the relatively soft material of the cable jacket which cannot be accommodated by the small cavities. The cable jacket is securely held by the retention structure to prevent slipping. Accordingly fiber cables having buffer jackets with large dimensional variations can still be securely retained by the castellated retention structure in accordance with the present invention.

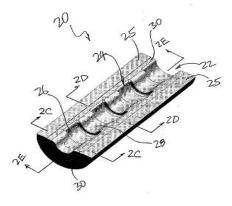


FIG. ZA

No. of Pages : 37 No. of Claims : 12

(21) Application No.3972/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :27/05/2014

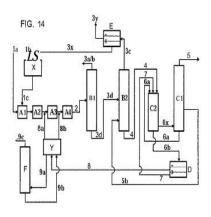
(43) Publication Date : 22/01/2016

(54) Title of the invention : PROCESS FOR PREPARING FORMIC ACID

classification (31) Priority Document No :11194607.5	 (71)Name of Applicant : BASF SE Address of Applicant :67056 Ludwigshafen Germany (72)Name of Inventor : BASSLER Peter RITTINGER Stefan SCHNEIDER Daniel 4)FRIES Donata Maria 5)MOHL Klaus Dieter TELES Joaquim Henrique 7)SCHÃ,,FER Martin 8)PASCHOLD JÃ¹/4rgen
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(57) Abstract :

Process for obtaining formic acid by thermal separation of a stream comprising formic acid and a tertiary amine (I) in which a liquid stream comprising formic acid and tertiary amine (I) is produced by combining tertiary amine (I) and a formic acid source secondary components comprised therein are separated off formic acid is removed by distillation from the resulting liquid stream in a distillation apparatus where the bottom output from the distillation apparatus is separated into two liquid phases and the upper liquid phase is recirculated to the formic acid source and the lower liquid phase is recirculated to the separatus wherein low boilers are removed by distillation from the upper liquid phase and recirculated to the depleted stream.



No. of Pages : 57 No. of Claims : 9

(21) Application No.2758/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :05/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : A PROCESS FOR PRODUCTION AND OPTIMIZATION OF DEXTRANASE FROM STREPTOCOCCUS MUTANS AND FORMULATION OF DEXTRANASE IN TOOTHPASTE FOR CONTROLLING THE HUMAN DENTAL PLAQUES

(51) International algoritization	va611-9/00	(71)Name of Applicant :
(51) International classification		
(31) Priority Document No	:NA	1)DR. M. PALANISWAMY
(32) Priority Date	:NA	Address of Applicant : DEPARTMENT OF
(33) Name of priority country	:NA	MICROBIOLOGY, KARPAGAM UNIVERSITY, POLLACHI
(86) International Application No	:NA	MAIN ROAD, COIMBATORE - 641 021 Tamil Nadu India
Filing Date	:NA	2)DR. G. SATHYA
(87) International Publication No	: NA	3)KARPAGAM UNIVERSITY
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. M. PALANISWAMY
(62) Divisional to Application Number	:NA	2)DR. G. SATHYA
Filing Date	:NA	3)KARPAGAM UNIVERSITY

(57) Abstract :

ABSTRACT OF THE INVENTION Decalcification of teeth is a commonly recognized complication of orthodontic treatment with fixed appliances if good oral hygiene is not maintained. These appliances hinder tooth cleaning and favor the retention of dental plaque. Dental plaque as a microbial biofilm, is defined as a community of bacteria (or other microbes), embedded in an extra cellular matrix of host and microbial polymers found on the tooth surfaces.

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

(19) INDIA

(22) Date of filing of Application :10/06/2014

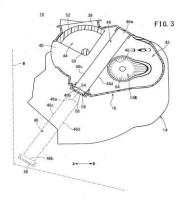
(21) Application No.2831/CHE/2014 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : VEHICULAR AIR C	ONDITIONER	
(51) International classification	:B60H	(71)Name of Applicant :
(31) Priority Document No	:2013- 124026	1)KEIHIN CORPORATION Address of Applicant :of 26-2 Nishishinjuku 1-chome,
(32) Priority Date	:12/06/2013	Shinjuku-ku, Tokyo 163-0539, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NĀ	1)EGAWA, Sho
Filing Date	:NA	
(87) 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 vehicular air conditioner (10) includes an inside/outside air switching unit (16). The inside/outside air switching unit (16) is equipped with a casing (42) in which a filter (46) is accommodated. On a lower side of the casing (42), a filter insertion opening (54) is formed into which the filter (46) can be inserted from the exterior. Further, a projection (56) is disposed in the vicinity of the opening of the filter insertion opening (54), and a lower end (46b) of the filter (46) is prevented from falling out, by locking engagement thereof with the projection (56). In addition, in a state in which the filter (46) is accommodated in the filter insertion opening (54), a filter cover (58) is mounted thereon to close the filter insertion opening (54). Fig.3.



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

(19) INDIA

(22) Date of filing of Application :10/06/2014

(21) Application No.2832/CHE/2014 A

(43) Publication Date : 22/01/2016

(51) International classification	:F23Q	(71)Name of Applicant :
(31) Priority Document No	:2013-	1)Panasonic Corporation
(31) Fliolity Document No	124528	Address of Applicant :of 1006, Oaza-Kadoma, Kadoma-shi,
(32) Priority Date	:13/06/2013	Osaka 571-8501, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)SHINOHARA, Hiroki
Filing Date	:NA	2)INATSUGI, Takashi
(87) International Publication No	: NA	3)TANAKA, Tsuyoshi
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : CONTACT DEVICE AND CIRCUIT BREAKER

(57) Abstract :

A contact device including a fixed contact and a movable contact. The contact device includes a movable member including the movable contact. The movable contact pivots to a position where the movable contact contacts the fixed contact and a position where the movable contact is separated from the fixed contact. A contact scrubbing mechanism pivotally supports the movable member and moves the movable member so that the movable contact rubs the fixed contact.

No. of Pages : 32 No. of Claims : 7

(21) Application No.3973/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :27/05/2014

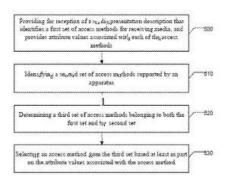
(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND APPARATUS FOR SELECTING AN ACCESS METHOD FOR DELIVERY OF MEDIA

(51) International classification	:H04L29/06,H04N21/00	(71)Name of Applicant :
(31) Priority Document No	:13/286466	1)NOKIA CORPORATION
(32) Priority Date	:01/11/2011	Address of Applicant : Keilalahdentie 4 FI 02150 Espoo
(33) Name of priority country	:U.S.A.	Finland
(86) International Application No	:PCT/FI2012/051052	(72)Name of Inventor :
Filing Date	:31/10/2012	1)KONDRAD Lukasz
(87) International Publication No	:WO 2013/064739	2)HANNUKSELA Miska
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Various methods are described for selecting an access method for receiving a DASH media presentation. One example method may comprise providing for reception of a media presentation description. The media presentation description may identify a first set of access methods for receiving media and may provide attribute values associated with each of the access methods. The method of this example embodiment may further comprise identifying a second set of access methods supported by an apparatus. Furthermore the method of this example embodiment may comprise determining a third set of access methods belonging to both the first set and the second set. The method of this example embodiment may further comprise selecting an access method from the third set based at least in part on the attribute values associated with the access method. Similar and related example methods example apparatuses and example computer program products are also provided.





No. of Pages : 37 No. of Claims : 20

(21) Application No.3974/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :27/05/2014

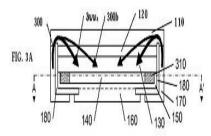
(43) Publication Date : 22/01/2016

(54) Title of the invention : IMPROVED P CONTACT WITH MORE UNIFORM INJECTION AND LOWER OPTICAL LOSS

 (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 	:61/556343 :07/11/2011 :U.S.A. :PCT/IB2012/055970 :29/10/2012 :WO 2013/068878 :NA :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor : 1)EPLER John Edward
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The current distribution across the p layer (130) of a semiconductor device is modified by purposely inhibiting current flow through the p layer (130) in regions (310) adjacent to the guardsheet (150) without reducing the optical reflectivity of any part of the device. This current flow may be inhibited by increasing the resistance of the p layer that is coupled to the p contact (140) along the edges and in the comers of contact area. In an example embodiment the high resistance region (130) is produced by a shallow dose of hydrogen ion (H+) implant after the p contact (140) is created. Similarly a resistive coating may be applied in select regions between the p contact and the p layer.



No. of Pages : 13 No. of Claims : 20

(21) Application No.2029/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/03/2013

(43) Publication Date : 22/01/2016

(54) Title of the invention : COMPOSITION FOR PREVENTING INFLAMMATIONS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C12N1/20,A23K1/16,A23L1/30 :2010202383 :09/09/2010 :Japan	1)Meiji Co. Ltd. Address of Applicant :2 10 Shinsuna 1 chome Koto ku Tokyo 1368908 Japan
 (86) International Application No. Filing Date (87) International Publication No. (61) Patent of Addition to 	:08/09/2011 9 :WO 2012/033151	 (72)Name of Inventor : 1)IKEGAMI Shuji 2)MAKINO Seiya 3)TOSHIMITSU Takayuki
Application Number Filing Date (62) Divisional to Application Number	:NA :NA :NA	4)ITOH Hiroyuki 5)NAKAO Atsuhito
Filing Date	:NA	

(57) Abstract :

The purpose of the present invention is to provide a probiotics which can activate an aromatic hydrocarbon receptor (AhR) and can consequently prevent inflammatory damage in the digestive tract. The present invention relates to: a probiotics capable of activating an AhR; an anti inflammatory agent comprising the probiotics; an orally ingestible composition containing the anti inflammatory agent; and a method for screening for the probiotics.

No. of Pages : 51 No. of Claims : 11

(21) Application No.2687/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : NOVEL POLYMORPHS OF TENOFOVIR DISOPROXIL OXALATE AND PROCESS FOR PREPARATION OF THE SAME

(51) International classification	:C07F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LAURUS LABS PRIVATE LTD
(32) Priority Date	:NA	Address of Applicant :2ND FLOOR, SERENE CHAMBERS
(33) Name of priority country	:NA	ROAD, #7, BANJARA HILLS, HYDERABAD - 500 034 Andhra
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RAVINDRA BABU BOLLU
(61) Patent of Addition to Application Number	:NA	2)VEERA VENKATA KRISHNA KISHORE JAMMULA
Filing Date	:NA	3)VENKATA SUNIL KUMAR INDUKURI
(62) Divisional to Application Number	:NA	4)SEETA RAMA ANJANEYULU GORANTLA
Filing Date	:NA	5)SATYANARAYANA CHAVA

(57) Abstract :

The present invention relates to novel polymorphs of tenofovir disoproxil oxalate, process for its preparation and pharmaceutical composition comprising the same.

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

(19) INDIA

(21) Application No.2760/CHE/2014 A

(22) Date of filing of Application :05/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : ANTIMICROBIAL PROTEING FROM MANIHOT ESCULENTA CRANTZ (EUPHORBIACEAE) SEEDS

(5 1) Internet in 1, 1,, (6 ,, 1 ,,	(11 22/00	
(51) International classification	:a61K33/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. B. CHITRA DEVI
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF
(33) Name of priority country	:NA	BIOTECHNOLOGY KARPAGAM UNIVERISITY, POLLACHI
(86) International Application No	:NA	MAIN ROAD, COIMBATORE - 641 021 Tamil Nadu India
Filing Date	:NA	2)DR. SARMAD MOIN
(87) International Publication No	: NA	3)KARPAGAM UNIVERSITY
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. B. CHITRA DEVI
(62) Divisional to Application Number	:NA	2)DR. SARMAD MOIN
Filing Date	:NA	3)KARPAGAM UNIVERSITY

(57) Abstract :

ABSTRACT OF THE INVENTION The infectious diseases are one of the major problems causing death around the world. Unfortunately, the conventional and new antibiotics are niche drugs development for antibiotic resistant pathogens. Their restricted activity of antibiotics somewhat limit their impact. Thus the progress to develop new novel antimicrobial classes has crucial importance in the way of overcoming the remarkable adaptability of the microorganisms. Plants contain a lot of antimicrobial protein used to treat against various diseases. Manihot esculenta Crantz seeds were used to isolate antimicrobial protein.

No. of Pages : 7 No. of Claims : 3

(21) Application No.2761/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :05/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHANOL EXTRACT MEDICINAL PLANTS FOR TREATMENT OF PHARYNGITIS CAUSED BY STERPTOCOCCUS PYOGENES

		(71)Name of Applicant :
		1)DR. D. TEEPICA PRIYA DARSINI
(51) International classification	:A61K36/00	Address of Applicant :DEPARTMENT OF
(31) Priority Document No	:NA	BIOTECHNOLOGY, KARPAGAM UNIVERSITY, POLLACHI
(32) Priority Date	:NA	MAIN ROAD, COIMBATORE - 641 021 Tamil Nadu India
(33) Name of priority country	:NA	2)P. SRINIVASAN
(86) International Application No	:NA	3)K. MANIMEKALAI
Filing Date	:NA	4)J. DINESHBABU
(87) International Publication No	: NA	5)KARPAGAM UNIVERSITY
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. D. TEEPICA PRIYA DARSINI
(62) Divisional to Application Number	:NA	2)P. SRINIVASAN
Filing Date	:NA	3)K. MANIMEKALAI
		4)J. DINESHBABU
		5)KARPAGAM UNIVERSITY

(57) Abstract :

ABSTRACT OF THE INVENTION A newly formulated herbal formulation and herbal candy are provided for ethical use and treatment of pharyngitis caused by Streptococcus pyogenes. The herbal formulation may be used in two parts (1) an oral herbal formulation with coarse granules of 6 medicinal plants ground and added together in specific ratio; and (2) herbal candy (cough tablets) prepared from the extract of 6 medicinal plants with sugar.

No. of Pages : 11 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :10/06/2014

(21) Application No.2837/CHE/2014 A

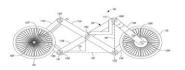
(43) Publication Date : 22/01/2016

(54) Title of the invention : FOLDING VEHICLE

 (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 	:B65H :61/833554 :11/06/2013 :U.S.A. :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : FORD GLOBAL TECHNOLOGIES, LLC Address of Applicant :Suite 800, 330 Town Center Drive, Dearborn, Michigan 48126, U.S.A. THEODORE & ASSOCIATES LLC (72)Name of Inventor : THEODORE, Chris P. BATTY, Christopher David DAIBER, Nicholas John HANSON, Aaron Matthew NAGARA, Keith Albert VANDERVOORD, Gregory KANGAS, Daniel John
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(57) Abstract :

-As Attached-



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

(19) INDIA

(22) Date of filing of Application :10/06/2014

(21) Application No.2838/CHE/2014 A

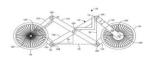
(43) Publication Date : 22/01/2016

(54) Title of the invention : FOLDING VEHICLE

(51) International classification	:B60C	(71)Name of Applicant :
(31) Priority Document No	:61/833554	1)FORD GLOBAL TECHNOLOGIES, LLC
(32) Priority Date	:11/06/2013	Address of Applicant :Suite 800, 330 Town Center Drive,
(33) Name of priority country	:U.S.A.	Dearborn, Michigan 48126, U.S.A.
(86) International Application No	:NA	2)THEODORE & ASSOCIATES LLC
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)THEODORE, Chris P.
(61) Patent of Addition to Application Number	:NA	2)NAGARA, Keith Albert
Filing Date	:NA	3)RUSNAK, Tyler Gregory
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

-As Attached-



No. of Pages : 40 No. of Claims : 20

18

(21) Application No.3980/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :27/05/2014

(43) Publication Date : 22/01/2016

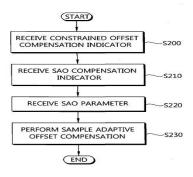
(54) Title of the invention : METHOD FOR ENCODING AND DECODING IMAGES BASED ON CONSTRAINED OFFSET COMPENSATION AND LOOP FILTER, AND APPARATUS THEREFOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:H04L :10-2011-0098601 :28/09/2011 :Republic of Korea :PCT/KR2012/007833	 (71)Name of Applicant : 1)ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE Address of Applicant :161 Gajeong-dong, Yuseong-gu, Daejeon-si 305-700, Republic of Korea Republic of Korea
 Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filed on 	:27/09/2012 : NA :NA :NA :3108/CHENP/2014 :24/04/2014	 (72)Name of Inventor : 1)LEE, Jin Ho 2)KIM, Hui Yong 3)LIM, Sung Chang 4)CHOI, Jin Soo 5)KIM, Jin Woong

(57) Abstract :

AS ATTACHED





No. of Pages : 68 No. of Claims : 10

(21) Application No.3981/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :27/05/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR PRODUCING AND PURIFYING SALTS OF ACRYLAMIDO 2 METHYLPROPANE SULFONIC ACID

(51) International classification	:C07C303/44,C07C309/15	(71)Name of Applicant :
(31) Priority Document No	:11191117.8	1)BASF SE
(32) Priority Date	:29/11/2011	Address of Applicant :67056 Ludwigshafen Germany
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:PCT/EP2012/073791	1)EBEL Klaus
Filing Date	:28/11/2012	2)VOITL Tobias
(87) International Publication No	:WO 2013/079507	3)KELLER Andreas
(61) Patent of Addition to Application	:NA	4)RUEDENAUER Stefan
Number	:NA	5)BARTLING Karsten
Filing Date	.NA	6)LANGLOTZ Bjoern
(62) Divisional to Application Number	:NA	7)STEINER Jochen
Filing Date	:NA	

(57) Abstract :

abcabc141414The invention relates to a method for producing salts of acrylamido 2 methylpropane sulfonic acid (A) comprising the following steps: a) producing a solution of a contaminated salt of acrylamido 2 methylpropane sulfonic acid (A) in a water free organic solvent (L) using at least one basic component (B) selected from the group comprising alkali metal oxides alkaline earth metal hydroxides and amines of general formula (I) NR R R (I) wherein the groups R R and R mean the following independently of each other: hydrogen C C alkyl hydroxy C C alkyl or C C alkoxy wherein the molar ratio of compound (A) to basic component (B) is preferably 1:1 to 1:3; b) optionally partially removing the organic solvent (L) at a pressure in the range of 0.001 to 2 bar (abs); c) recovering the dissolved salt of compound (A) by crystallization or precipitation by changing the temperature and/or the pressure and/or the concentration of the salt in the solution; d) optionally drying the purified salt of acrylamido 2 methylpropane sulfonic acid (A). Said method according to the invention leads to salts that are poor in byproduct and especially suitable for polymerization.

No. of Pages : 18 No. of Claims : 15

(22) Date of filing of Application :12/06/2014

(19) INDIA

(21) Application No.2864/CHE/2014 A

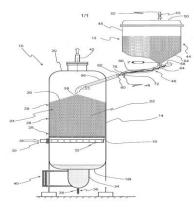
(43) Publication Date : 22/01/2016

(54) Title of the invention : DELIQUESCENT SOLID FEEDING DEVICE FOR A DEVICE FOR DRYING A FLUID IN LIQUID OR GASEOUS FORM AND METHOD USING SAME

(51) International classification	:B01J	(71)Name of Applicant :
(31) Priority Document No	:13/55.628	1)AXENS
(32) Priority Date	:17/06/2013	Address of Applicant : of 89 Bd Franklin Rossevelt, B.P.
(33) Name of priority country	:France	50802, 92508 RUEIL MALMAISON, Cedex, France France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GIROD, RÃmi
(87) 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 :

The present invention relates to a deliquescÃnt solid feeding device for a device for drying a fluid in liquid or gaseous form, said drying device comprising an enclosure (14) with temperature and pressure conditions different from atmospheric, a deliquescent solid bed (24), an inlet (30) for a fluid to be treated and an outlet (42) for the treated fluid. According to the invention, the feeding device comprises an air lock (44) containing deliquescent solids, a device (46) for driving the solids from air lock (44) to the inside of enclosure (14) and throttling means (62) arranged on the drive device. Figure for the abstract: sole figure.



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

(21) Application No.4004/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :28/05/2014

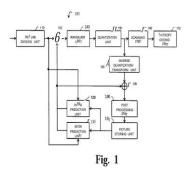
(43) Publication Date : 22/01/2016

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(51) International classification	:H04N7/36	(71)Name of Applicant :
(31) Priority Document No	:1020110115348	1)INFOBRIDGE PTE. LTD.
(32) Priority Date	:07/11/2011	Address of Applicant :10 Anson road #23 140 International
(33) Name of priority country	:Republic of Korea	Plaza Singapore 079903 Singapore
(86) International Application No	:PCT/CN2012/084018	(72)Name of Inventor :
Filing Date	:02/11/2012	1)OH Soo Mi
(87) International Publication No	:WO 2013/067903	2)YANG Moonock
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : METHOD OF DECODING VIDEO DATA

(57) Abstract :

Provided is a methodderives a reference picture index and a motion vector of a current prediction unit generates a prediction block of the current prediction unit using the reference picture index and the motion vector generating a residual block by inverse scan inverse quantization and inverse transform and generates reconstructed pixels using the prediction block and the residual block. Prediction pixels of the prediction block is generated using an interpolation filter selected based on the motion vector. Accordingly the coding efficiency of the motion information is improved by including various merge candidates. Also the computational complexity of an encoder and a decoder is reduced by selecting different filter according to location of the prediction pixels determined by the motion vector.



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

(19) INDIA

(22) Date of filing of Application :28/05/2014

(21) Application No.4005/CHENP/2014 A

(43) Publication Date : 22/01/2016

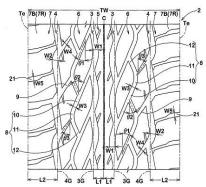
(54) Title of the invention : PNEUMATIC TIRE

 (51) International classification (31) Priority Document No (2011289681 (32) Priority Date (28/12/2011 (33) Name of priority country :Japan (86) International Application No (87) International Publication No (87) International Publication NA (87) International Publication NA<th> (71)Name of Applicant : SUMITOMO RUBBER INDUSTRIES LTD. Address of Applicant :6 9 Wakinohama cho 3 chome Chuo ku Kobe shi Hyogo 6510072 Japan (72)Name of Inventor : IWATA Yasutaka </th>	 (71)Name of Applicant : SUMITOMO RUBBER INDUSTRIES LTD. Address of Applicant :6 9 Wakinohama cho 3 chome Chuo ku Kobe shi Hyogo 6510072 Japan (72)Name of Inventor : IWATA Yasutaka
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(57) Abstract :

Middle land parts (6) which are segmented between center primary grooves (3) and shoulder primary grooves (4) are disposed in a tread part (2). Inner side middle lateral grooves (8) and outer side middle lateral grooves (9) are disposed in the middle land parts (6). The inner side middle lateral grooves (8) comprise: first oblique parts (10) which have an angle (1) of obliquity of 10 40° to the tire circumference direction and which extend in the outer side of the tire axle direction; second oblique parts (12) which have an obliquity opposite to the first oblique parts (10) extend in the inner side of the tire axle direction and terminate; and bend parts (11) therebetween. The outer side middle lateral grooves (9) are connected more with the second oblique parts (12) side than groove edge ends (8e) of the outermost side of the inner side middle lateral grooves (8) in the tire axle direction and communicate with the shoulder primary grooves (4). The outer side middle lateral grooves (9) further have an obliquity in the same facing as the first oblique parts of the inner side middle lateral grooves (8) and incline at an angle (3) of 30 70° to the tire circumference direction.

FIG.1



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

(21) Application No.4006/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :28/05/2014

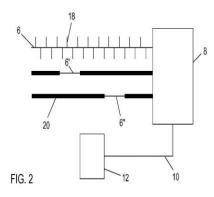
(43) Publication Date : 22/01/2016

(54) Title of the invention : PROXIMITY AND CONTACT SENSOR DEVICE IN MOTOR VEHICLE STEERING WHEELS.

(31) Priority Document No:VE2011A(32) Priority Date:16/12/201(33) Name of priority country:Italy	CORAZZATE E AFFINI Address of Applicant :Viale Venezia 31 I 31020 SanP2012/073715Vendemiano Italy 2012(72)Name of Inventor :
--	--

(57) Abstract :

A proximity and contact sensor device in motor vehicle steering wheels characterised by comprising an extendable band (2) the length of which is slightly less than the circumference of the steering wheel and of which one surface has fixed to it at least one conductive track (6 6 6) covered with a biadhesive layer (14) said conductive track consisting of a flat metal path obtained by treating a metal sheet applied to said extendable band said conductive track being connected to a multi channel capacitive sensor circuit (8) connected by a field bus (10) to the vehicle control unit (12).



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

(19) INDIA

(22) Date of filing of Application :03/06/2014

(21) Application No.2721/CHE/2014 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : ELECTRICAL JUNC	TION BOX	
(51) International classification	:B65D	(71)Name of Applicant :
(21) Drignity Degyment No	:2013-	1)YAZAKI CORPORATION
(31) Priority Document No	119040	Address of Applicant :of 4-28, Mita 1-chome, Minato-ku,
(32) Priority Date	:05/06/2013	Tokyo 108-8333, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)FURUYA, Hiroyasu
Filing Date	:NA	2)WATANABE, Norio
(87) International Publication No	: NA	3)TERADA, Chitoshi
(61) Patent of Addition to Application Number	:NA	4)TAKAI, Etsurou
Filing Date	:NA	5)YAGI, Toshihisa
(62) Divisional to Application Number	:NA	6)ISHIKAWA, Toshiya
Filing Date	:NA	

(57) Abstract :

An electrical junction box includes a base having an upper surface side of which an electronic component is attached, and a cover attached to the base so as to cover the electronic component. A peripheral wall of the base has a double wall structure which includes a base outer peripheral wall and a base inner peripheral wall. A peripheral wall of the cover has a double wall structure which includes a cover outer peripheral wall and a cover inner peripheral wall. An upper end of the base outer peripheral wall is positioned between the cover outer peripheral wall and the cover inner peripheral wall, and a lower end of the cover inner peripheral wall is positioned between the base outer peripheral wall and the base inner peripheral wall, so that water which enters from a gap between the cover outer peripheral wall and the base outer peripheral wall drops from a gap between the base outer peripheral wall and the base inner peripheral wall drops from a gap between the base outer peripheral wall and the base inner peripheral wall cover outer peripheral wall and the base inner peripheral wall drops from a gap between the base outer peripheral wall and the base inner peripheral wall. The cover inner peripheral wall extends downward beyond the cover outer peripheral wall.

No. of Pages : 16 No. of Claims : 3

(22) Date of filing of Application :03/06/2014

(19) INDIA

(21) Application No.2722/CHE/2014 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : IMPROVED PROCESS FOR THE PREPARATION OF CRYSTALLINE ROTIGOTINE

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DAVULURI Ramamohan Rao
(32) Priority Date	:NA	Address of Applicant :Neuland Laboratories Limited Sanali
(33) Name of priority country	:NA	Info park 'A' Block, Ground Floor, 8-2-120/113, Road No 2,
(86) International Application No	:NA	Banjara Hills, Hyderabad Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)WADEKAR, Kashyap Ravindrabhai
(61) Patent of Addition to Application Number	:NA	2)GUPTA, Gangisetty Vijaya Kumar
Filing Date	:NA	3)DURBAKULA Mukesh Kumar
(62) Divisional to Application Number	:NA	4)NEELA Praveen Kumar
Filing Date	:NA	5)PONNAIAH Ravi

(57) Abstract :

The present invention relates to an improved process for the preparation of crystalline Form II of Rotigotine. The present invention also provides environment friendly and cost effective process for the preparation of crystalline Form II of Rotigotine.

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

(19) INDIA

(21) Application No.2874/CHE/2014 A

(22) Date of filing of Application :12/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : AN ELECTRIC FREE BIO-MASS BRIQUETTE MACHINE

(57) Abstract :

The present invention provides an electric free biomass briquette machine. Accordingly, the electric free biomass briquette machine includes a reservoir, a cylinder, a piston, a compression plate, an ejector plate, a connecting link and a connecting rod wherein the biomass can be fed in to the reservoir and the reservoir includes inlets for the biomass to enter in to the cylinder, wherein the piston of the cylinder is connected to a bicycle pedal through the connecting rod. The rotational energy of the bicycle makes the piston move back and forth. The piston moves the biomass to a die which is present at the end of the cylinder and the die also provides compression and mentioned shape to the biomass. Then the shaped biomass moves to the compression plate for making holes at the centre of the briquettes. Finally, the ejector plate which is connected to the wrist pin of the piston slides to drop the finished briquettes.

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

(19) INDIA

(22) Date of filing of Application :12/06/2014

(21) Application No.2875/CHE/2014 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : MULTICAST CONTROL	L	
(51) International classification (31) Priority Document No	:H04L :NA	(71)Name of Applicant : 1)HEWLETT-PACKARD DEVELOPMENT COMPANY,
(32) Priority Date	:NA :NA	L.P.
(33) Name of priority country	:NA	Address of Applicant :11445 Compaq Center Drive West,
(86) International Application No	:NA	Houston, Texas 77070 U.S.A.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SANKARAN, Balaji
(61) Patent of Addition to Application Number	:NA	2)KUMARA, Shantha
Filing Date	:NA	3)BEERAM, Suresh Kumar Reddy
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alextra et :		•

(57) Abstract :

In one implementation, a network device determines that a first multicast operation request is received via an edge interface of a network device and provides a message associated with the first multicast operation request to a network controller via an infrastructure interface. The network device also determines that a second multicast operation request is received via the infrastructure interface of the network device. The network device forwards the second multicast operation request according to a multicast routing protocol that is independent of the network controller.

No. of Pages : 43 No. of Claims : 15

(21) Application No.4020/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :28/05/2014

(43) Publication Date : 22/01/2016

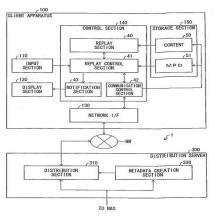
(54) Title of the invention : REPRODUCTION DEVICE REPRODUCTION METHOD CONTROL PROGRAM AND RECORDING MEDIUM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	1	 (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)MITSUHASHI Reiko 2)SUZUKI Umihiko
Filing Date (87) International Publication		
No (61) Patent of Addition to	:NA	
Application Number Filing Date (62) Divisional to Application	:NA	
Number Filing Date	:NA :NA	
(57) 11-4		

(57) Abstract :

A client device (100) is equipped with: a reproduction control unit (41) that determines when a reproduction control operation is performed whether or not the reproduction control should be prohibited on the basis of the currently obtainable period as specified according to an MPD (51); and a notification unit (43) that notifies prohibition if so determined by the reproduction control unit (41).

FIG. 1



No. of Pages : 75 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :09/06/2014

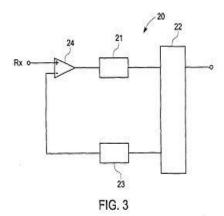
(21) Application No.2804/CHE/2014 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : FLOW 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 	:G01P :1310526.7 :13/06/2013 :U.K. :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)GENERAL ELECTRIC COMPANY Address of Applicant :1 RIVER ROAD, SCHENECTADY NEW YORK 12345 U.S.A. (72)Name of Inventor : 1)WARD, JOHN ROBERT
(62) Divisional to Application NumberFiling Date	:NA :NA	

(57) Abstract :

A system suitable for reducing static or slow moving echoes from acoustic boundaries in a system such as pipe walls, blood vessels, tissue structures is disclosed so that an image from flowing or time varying media such as water, oil, blood etc may be imaged more clearly. The system 20 comprises an analogue-to-digital converter 21 for digitizing a received analogue signal from a detector; means 22 for digitally separating static or slow moving components of the digital signal; a digital-to-analogue converter 23 to provide an analogue version of the separated static or slow moving components of the signal and a subtracter 24 to subtract the analogue version of the static or the slow moving components of the signal from an analogue signal received from a detector to produce an analogue signal corresponding to the remaining flow components of the signal. Examples of the system described above produce an image corresponding to the flowing media with a higher signal to noise ratio providing higher resolution images. Figure 3



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

(21) Application No.2805/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :09/06/2014

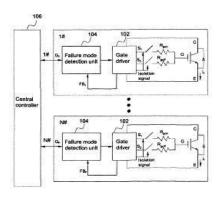
(43) Publication Date : 22/01/2016

(54) Title of the invention : INSULATED GATE BIPOLAR TRANSISTOR FAILURE MODE DETECTION AND PROTECTION SYSTEM AND METHOD

(51) International classification	:H02M	(71)Name of Applicant :
(31) Priority Document No	:201310232724.4	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:13/06/2013	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:China	NEW YORK 12345 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)WU, TAO
(87) 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 assembly including an insulated gate bipolar transistor (IGBT) is provided. The IGBT is coupled with a gate driver for receiving a gating signal to drive the IGBT and providing a feedback signal of the IGBT which indicates a change of a collector-emitter voltage of the IGBT. The assembly further includes a failure mode detection unit for determining whether the IGBT is faulted based on a timing sequence of the gating signal and feedback signal. The failure mode detection unit is capable of differentiating fault types including a gate driver fault, a failed turn-on fault, a short-circuit fault, a turn-on over-voltage fault and a turn-off over-voltage fault. Accordingly, an IGBT failure mode detection method is also provided. Fig.l





No. of Pages : 22 No. of Claims : 12

(21) Application No.2806/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :09/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : CONSTANT WIND ENERGY GENERATING SYSTEM

(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)MR. ARUMUGAM RAJENDRA BABU
(32) Priority Date	:NA	Address of Applicant :77A. P.T.RAJAN SALAI, K.K.
(33) Name of priority country	:NA	NAGAR, CHENNAI - 600 078 Tamil Nadu India
(86) International Application No	:NA	2)A.R. KARTHIGEYAN
Filing Date	:NA	3)R. SUDHARSAN
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)MR. ARUMUGAM RAJENDRA BABU
Filing Date	:NA	2)A.R. KARTHIGEYAN
(62) Divisional to Application Number	:NA	3)R. SUDHARSAN
Filing Date	:NA	

(57) Abstract :

This invention aims to develop a wind mill in which the wind energy is obtained all throughout the year without any constraints. The said wind mill will function independent of the wind velocity and the location. The cost of production and installation of the said wind mill will be less when compared to the presently available wind mill equipments. The wind movement in any direction will be captured by this wind mill and the energy is generated. The said wind mill will have easy installation capability on any building such that it can serve the domestic as well as industrial purpose.

No. of Pages : 13 No. of Claims : 12

(21) Application No.4023/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :28/05/2014

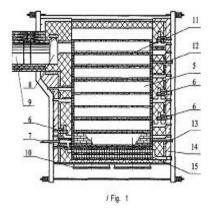
(43) Publication Date : 22/01/2016

(54) Title of the invention : COUNTERFLOW TANK TYPE CALCINE FURNACE

:F27B14/00,F27B14/14,C01B31/02	(71)Name of Applicant : 1)CHINA ALUMINUM INTERNATIONAL
:201110339113.0	ENGINEERING CORPORATION LIMITED
:01/11/2011	Address of Applicant :Building C No.99 Xingshikou Road
:China	Haidian District Beijing 100093 China
·DCT/CN2012/001/78	(72)Name of Inventor :
	1)ZHOU Shanhong
.51/10/2012	2)SUN Yi
WO 2012/062867	3)CUI Yinhe
. WO 2015/003807	4)LIU Chaodong
• NI A	5)XU Haifei
	6)WANG Min
.INA	7)XU Kaiwei
• NI A	8)LV Bo
	9)LI Xiaokun
.NA	10)LI Peng
	:201110339113.0 :01/11/2011 :China :PCT/CN2012/001478 :31/10/2012 :WO 2013/063867 :NA :NA

(57) Abstract :

Provided is a counterflow calcine furnace which comprises a material tank (1) a fire channel (5) disposed at two sides of the material tank (1) a front wall and a rear wall. A volatile component gathering channel (2) is disposed above the material tank a front wall volatile component vertical channel (3) is disposed inside the front wall a rear wall volatile component vertical channel (4) is disposed inside the rear wall the front wall volatile component vertical channel communicates with the volatile component gathering channel (2) and a bottom layer fire channel a volatile component pulling plate (6) is disposed at the entrance of the bottom layer fire channel and the middle portion fire channel a volatile component pulling plate (6) is disposed at the entrances of the second lowest layer fire channel and the middle portion fire channel a preheating air channel is disposed below the bottom layer fire channel and the middle portion fire channel a preheating air channel the preheating air channel communicates with the rear wall of the bottom layer fire channel and the middle portion fire channel a preheating air channel the preheating air channel communicates with the rear wall of the bottom layer fire channel the first layer fire channel communicates with a flue (8) a cooling water sleeve (10) is disposed below the material tank. The calcine furnace is capable of increasing the maximum calcining temperature so as to improve the quality of products.



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

(21) Application No.3946/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :26/05/2014

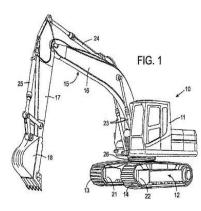
(43) Publication Date : 22/01/2016

(54) Title of the invention : HYDRAULIC SYSTEM WITH FLUID FLOW SUMMATION CONTROL OF A VARIABLE DISPLACEMENT PUMP AND PRIORITY ALLOCATION OF FLUID FLOW

(51) International classification	:F15B11/16,F15B11/17	(71)Name of Applicant :
(31) Priority Document No	:13/334153	1)HUSCO INTERNATIONAL INC.
(32) Priority Date	:22/12/2011	Address of Applicant :2239 Pewaukee Road Waukesha WI
(33) Name of priority country	:U.S.A.	53187 0257 U.S.A.
(86) International Application No	:PCT/US2012/070327	(72)Name of Inventor :
Filing Date	:18/12/2012	1)STARKEY Jonathan M.
(87) International Publication No	:WO 2013/096300	2)QUINNELL Corey K.
(61) Patent of Addition to Application	:NA	3)PIEPER Gary J.
Number	:NA :NA	4)BALLWEG Jacob
Filing Date	.11/A	5)HAMKINS Eric P.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system (20) has a variable displacement pump (50) that supplies pressurized fluid to power a plurality of hydraulic functions (31 36). Each hydraulic function has a control valve (51 56) with a variable source orifice (64) controlling fluid flow between the pump and a flow summation node (74) and a variable metering orifice (75) controlling fluid flow between the flow summation node and a hydraulic actuator (21 26). Variable bypass orifices (8a 8f) in the control valves are connected in series between the flow summation node and a tank (48). As the metering orifice in a control valve enlarges the source orifice enlarges and the bypass orifice shrinks. This alters pressure at the flow summation node which is used to control the output of the pump. Components are provided to give selected hydraulic functions different levels of priority with respect to consuming fluid flow from the pump.



No. of Pages : 44 No. of Claims : 24

(21) Application No.3947/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :26/05/2014

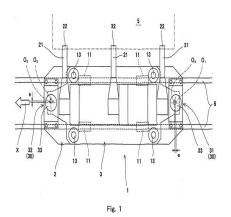
(43) Publication Date : 22/01/2016

(54) Title of the invention : YAWING CORRECTION MECHANISM FOR CONVEYED WORKPIECE AND CORRECTION METHOD THEREFOR

(51) International classification (21) Drivity Deservent No.	:H01L21/677,B65G43/08,B65G49/06 :2011262025	(71)Name of Applicant : 1)KAWASAKI JUKOGYO KABUSHIKI KAISHA Address of Applicant (1, 1, 1) Josephilespeechicky 2, shows Church
(31) Priority Document No(32) Priority Date		Address of Applicant :1 1 Higashikawasaki cho 3 chome Chuo ku Kobe shi Hyogo 6508670 Japan
(32) Phoney Date (33) Name of priority country	:Japan	(72)Name of Inventor : 1)KUGE Morimasa
(86) International Application No Filing Date	:PCT/JP2012/007403 :19/11/2012	2)TANAKA Hideyuki 3)OOGUSHI Osami 4)AZUMA Kentaro
(87) International Publication No	:WO 2013/080480	5)NAKAZAWA Mutsuhiro 6)TAKAHARA Kazunori
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

312312Provided is a yawing correction mechanism for a conveyed workpiece comprising: a holding device (3) that holds a side section of a conveyed workpiece (5); a travel device (2) that conveys the holding device (3) along rails (6) in the workpiece feed direction (X); and support mechanisms (31 32) that support the holding device (3) at the front section and the back section of the travel device (2) in the workpiece feed direction. The support mechanisms (31 32) each include an eccentric shaft (38) having an axis (O) at a position where one of either the front section or the back section is eccentric in the workpiece feed direction (X) at a predetermined eccentricity (e) from the axes (O O) of drive shafts provided to the travel device (2) and the other section engages with the holding device (3) at a position that is eccentric in a direction that intersects the workpiece feed direction (X). Yawing of the conveyed workpiece (5) is corrected by pivoting the axes (O) of the eccentric shafts (38) around the axes (O O) of the drive shafts (36 37) in order to move the positions of the holding device (3) and the travel device (2) relative to each other thereby allowing yawing occurring during conveyance of the conveyed workpiece to be corrected while conveyance takes place.



No. of Pages : 46 No. of Claims : 6

(21) Application No.4057/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :30/05/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : PROPYLENE BASED TERPOLYMERS COMPOSITION FOR PIPES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication N (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:NA :NA :NA	 (71)Name of Applicant : 1)BASELL POLIOLEFINE ITALIA S.R.L. Address of Applicant :Via Soperga 14/A I 20127 Milano Italy (72)Name of Inventor : 1)GALVAN Monica 2)PELLEGATTI Giampaolo 3)TERWYEN Herbert 4)CAVALIERI Claudio
Number Filing Date	:NA :NA	

(57) Abstract :

A polyolefin composition comprising: A) from 85.0 wt% to 99.5 wt%; A terpolymer containing propylene ethylene and 1 hexene wherein: (i) the content of 1 hexene derived units ranges from 1.0 wt% to 5.0%; (ii) the content of ethylene derived units is comprised between 0.5 wt% and 10.0 wt% (iii) the melting temperature ranges from 130° C to 145° C; B) from 0.5 wt% to 10.0 wt%; of a propylene ethylene copolymer composition comprising: b1) from 12 wt% to 52 wt%; of a propylene homopolymer or a propylene/ethylene copolymer having a content of ethylene derived units ranging from 0.1 wt% to 4.5 wt%; and having a xylene soluble content measured at 25°C lower than 10 wt%; b2) from 48 wt% to 88 wt% of a propylene ethylene copolymer having a content of ethylene derived units ranging from 0.2 wt%; wherein the resulting polyolefin composition has an melt flow rate (230°C/5 kg..ISO 133) ranging from 0.2 g/10min to 4.0 g/10min; the sum A+B being 100 and the sum b1+b2 being 100.

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

(19) INDIA

(22) Date of filing of Application :13/06/2014

(21) Application No.2896/CHE/2014 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : CARMINE COLORANTS			
 (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 	:C08G :13/920,164 :18/06/2013		

(57) Abstract :

The present disclosure provides a modified carmine which can comprise polymers, such as, polyesters, or conjugating molecules, such as, polycarboxylic acids.

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

(21) Application No.3957/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :26/05/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR PRODUCING POLYISOCYANATES WHICH ARE FLOCCULATION STABLE IN SOLVENTS FROM (CYCLO)ALIPHATIC DIISOCYANATES

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (80) 2013/060809 (9) INDER Horst (9) IEE Woosuk 	any
Number :NA 5)HAN Liang	
(62) Divisional to Application Number :NA Filing Date :NA	

(57) Abstract :

The invention relates to a novel method for producing polyisocyanates which are flocculation stable in solvents and which have isocyanurate groups from (cyclo)aliphatic diisocyanates.

No. of Pages : 52 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :26/05/2014

(21) Application No.3958/CHENP/2014 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : OXIME DER	IVATIVES	
(51) International classification	:A01N	(71)Name of Applicant :
(31) Priority Document No	:04103453.9	1)Ciba Holding Inc
(32) Priority Date	:20/07/2004	Address of Applicant :Klybeckstrasse 141, CH-4057 Basel,
(33) Name of priority country	:EUROPEAN	Switzerland. Switzerland
	UNION	(72)Name of Inventor :
(86) International Application No	:PCT/EP2005/053296	1)YAMATO, Hitoshi
Filing Date	:11/07/2005	2)ASAKURA, Toshikage
(87) International Publication No	: NA	3)HINTERMANN, Tobias
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filed on	:237/CHENP/2007 :11/07/2005	

(57) Abstract :

PLEASE SEE THE ATTACHMENTS

No. of Pages : 80 No. of Claims : 14

(21) Application No.4044/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :29/05/2014

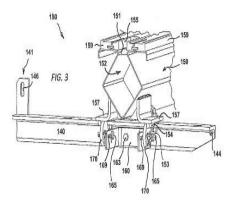
(43) Publication Date : 22/01/2016

(51) International classification	:B01D33/04	(71)Name of Applicant :
(31) Priority Document No	:61/555040	1)FLSMIDTH A/S
(32) Priority Date	:03/11/2011	Address of Applicant :77 Vigerslev Alle DK 2500 Valby
(33) Name of priority country	:U.S.A.	Denmark
(86) International Application No	:PCT/US2012/063323	(72)Name of Inventor :
Filing Date	:02/11/2012	1)BREINHOLT Jay
(87) International Publication No	:WO 2013/067352	2)WOOD Joseph L.
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		-

(54) Title of the invention : ADJUSTABLE VACUUM PAN ASSEMBLIES FOR BELT FILTERS

(57) Abstract :

An adjustable vacuum pan assembly [190] for a belt filter [900] is disclosed. The adjustable vacuum pan assembly [190] comprises an arm [140] configured to be attached to a frame portion [930] of the filter [900] a vacuum pan [150] adjustably connected to the arm [140] and a cam [170] operatively coupled to the arm [140]. The cam [170] is rotatable with respect to the arm [140] and has a peripheral surface which contacts a portion [157] of the vacuum pan [150]. The assembly [190] further comprises a locking member [169] which serves to hold the cam [170] against rotation with respect to the arm [140].



No. of Pages : 32 No. of Claims : 27

(21) Application No.4045/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :29/05/2014

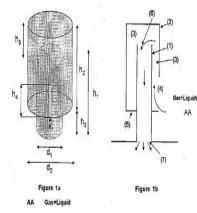
(43) Publication Date : 22/01/2016

(54) Title of the invention : DISTRIBUTOR PLATE FOR A GAS/LIQUID MIXTURE EQUIPPED WITH DISTRIBUTOR ELEMENTS LARGELY INSENSITIVE TO THE LACK OF HORIZONTALITY

 (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 	:09/10/2012	 (71)Name of Applicant : 1)IFP ENERGIES NOUVELLES Address of Applicant :1 et 4 avenue de Bois PrÃau F 92852 Rueil Malmaison Cedex France (72)Name of Inventor : 1)HAROUN Yacine 2)BAZER BACHI FrÃdÃric 3)AUGIER FrÃdÃric 4)ROGEON Charly 5)BOYER Christophe
(62) Divisional to Application Number Filing Date	:NA :NA	5)BOYER Christophe

(57) Abstract :

The present invention describes a distributor plate equipped with distributor elements that are largely insensitive to the lack of horizontality a distributor element consisting of two substantially coaxial cylinders referred to as internal cylinder (1) and external cylinder the internal horizontal surface (5) separating the two cylinders being closed. The distributor plate is suitable for co current downflows of gas and of liquid more particularly in the regime referred to as trickling. The invention also relates to the application of the distributor plate to processes for the hydrotreatment or hydrogenation of various petroleum cuts.



No. of Pages : 20 No. of Claims : 11

(21) Application No.4046/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :29/05/2014

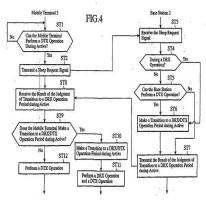
(43) Publication Date : 22/01/2016

(54) Title of the invention : A COMMUNICATION METHOD OF CARRYING OUT RADIO COMMUNICATION

 (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 	:H04B 7/26 :PCT/IP06/312145	 (71)Name of Applicant : 1)MITSUBISHI ELECTRIC CORPORATION Address of Applicant :7-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310, Japan; a Japanese corporation Japan (72)Name of Inventor : 1)MAEDA, Miho 2)MOCHIZUKI, Mitsuru 3)IWANE, Yasushi 4)MISHUKU, Tetsuya 5)KUSANO, Masaaki 6)FUJIE, Ryoichi 7)TANI, Shigenori 8)TADA, Keiko 9)FUKUI, Noriyuki 10)TAKANO, Michiaki
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(57) Abstract :

A communication method of carrying out radio communication between a base station (2) and a mobile terminal (3) by means of intermittent reception operation in which an ON-period and an OFF-period are repeated by turns, the ON-period being a time period where the mobile terminal (3) receives a signal transmitted by the base station (2), the OFF-period being a time period where the mobile terminal (3) does not receive a signal transmitted by the base station (2), the base station (2) notifies the mobile terminal (3) of a cycle of the intermittent reception operation by using an RRC (Radio Resource Control) signal, the cycle of the intermittent reception operation being composed of the OFF-period.



No. of Pages : 300 No. of Claims : 4

(22) Date of filing of Application :29/05/2014

(19) INDIA

(21) Application No.4047/CHENP/2014 A

(43) Publication Date : 22/01/2016

(51) International classification	:G06F15/16,G06F9/44	(71)Name of Applicant :
(31) Priority Document No	:13/328444	1)MICROSOFT CORPORATION
(32) Priority Date	:16/12/2011	Address of Applicant : One Microsoft Way Redmond
(33) Name of priority country	:U.S.A.	Washington 98052 6399 U.S.A.
(86) International Application No	:PCT/US2012/068326	(72)Name of Inventor :
Filing Date	:07/12/2012	1)TULIANI Jonathan Roshan
(87) International Publication No	:WO 2013/090126	2)HOLT Nicholas Leonard
(61) Patent of Addition to Application	:NA	3)HUANG Cheng
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : APPLICATION DRIVEN CDN PRE CACHING

(57) Abstract :

Techniques are provided for the caching of content prior to the content being requested. A request for desired content may be received from a client application at a caching server. The request may also indicate additional content related to the desired content that may be subsequently requested by the client application. The indicated additional content (and the desired content if not already cached) is retrieved from an origin server. The desired content is transmitted to the client application at the user device and the additional content is cached at the caching server. Subsequently a second request may be received from the client application that includes a request for the additional content. The additional content which is now cached at the caching server is served to the client application by the caching server in response to the second request (rather than being retrieved from the origin server).

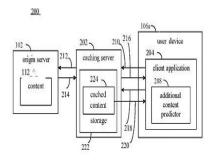


FIG. 2 No. of Pages : 36 No. of Claims : 10

(19) INDIA

(21) Application No.3310/CHE/2012 A

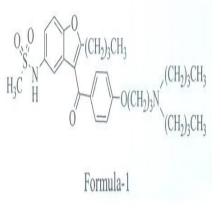
(22) Date of filing of Application :13/08/2012

(43) Publication Date : 22/01/2016

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

(57) Abstract :

The present invention provides an improved process for the preparation of antiarrhythmic agent represented by the following structural formula-1 and its pharmaceutically acceptable salts thereof. Formula-1



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

(21) Application No.3977/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :27/05/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : CATALYZED FILTER FOR TREATING EXHAUST GAS

(57) Abstract :

Provided is a wall flow filter coated with an SCR catalyst composition wherein the catalyst composition contains transition metal promoted molecular sieve crystals and wherein (i) the crystals have a mean crystalline size of about 0.5 pm to about 15 pm (ii) the crystals are present in said composition as individual crystals agglomerations having a mean particle size of less than about 15 pm or a combination of said individual crystals and said agglomerations; and (iii) said molecular sieve is an aluminosilicate or a silico aluminophosphate of a Framework Type having a maximum ring size of eight tetrahedral atoms.

No. of Pages : 20 No. of Claims : 17

(21) Application No.3978/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :27/05/2014

(43) Publication Date : 22/01/2016

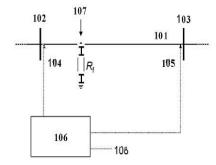
(54) Title of the invention : TRAVELLING WAVE BASED FAULT PROTECTION OF HIGH VOLTAGE TRANSMISSION LINES

 (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 	:H02H7/26,G01R31/08 :NA :NA :NA :PCT/EP2011/069187 :01/11/2011 :WO 2013/064176	 (71)Name of Applicant : 1)ABB TECHNOLOGY AG Address of Applicant :Affolternstrasse 44 CH 8050 ZÃ¹/4rich Switzerland (72)Name of Inventor : 1)WANG Jianping 2)PAN Jiuping
 (67) International Fublication F(67) (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	3)NUQUI Reynaldo

(57) Abstract :

An improved method of fault detection in a high voltage direct current (HVDC) power transmission line (101) is provided. The fault detection is based on fault induced travelling waves. The method comprises estimating an amplitude of fault induced travelling waves at the fault location (1 07) and calculating a fault resistance (Rf) based on the estimated amplitude an estimated pre fault voltage at the fault location and a surge impedance of the transmission line. The estimated fault amplitude and the estimated pre fault voltage are calculated from voltage measurements performed at both ends (102 1 03) of the transmission line. Further a fault detection device (1 06) is provided.

Fig. 1



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

(21) Application No.3979/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :27/05/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : PROACTIVE USER BASED CONTENT CORRECTION AND ENRICHMENT FOR GEO 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 	:13/286144 :31/10/2011 :U.S.A. :PCT/US2012/059837 :12/10/2012 :WO 2013/066594 :NA :NA	 (71)Name of Applicant : 1)GOOGLE INC. Address of Applicant :1600 Amphitheatre Parkway Mountain View CA 94043 U.S.A. (72)Name of Inventor : 1)SAHUGUET Arnaud 2)SEEFELD Bernhard
	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	
	.11/1	

(57) Abstract :

A system and method determines ambiguous or missing information about map features generates questions to address the ambiguity or the missing information and determines users from whom to request feedback to clarify the ambiguity or supply the missing information.



FIG. 5

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

(21) Application No.4077/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :30/05/2014

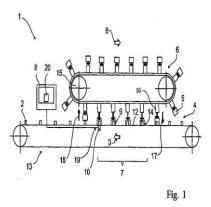
(43) Publication Date : 22/01/2016

(54) Title of the invention : METHODS AND DEVICE FOR INSPECTING CONTINUOUSLY FED OBJECTS

 (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 	:G01M3/32 :20 2011 107 446.7 :04/11/2011 :Germany :PCT/IB2012/002235 :05/11/2012 :WO 2013/064889 :NA :NA :NA :NA	 (71)Name of Applicant : 1)POLMAN Eckhard Address of Applicant :Kolkstege 15 46569 Hünxe Germany (72)Name of Inventor : 1)POLMAN Eckhard
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(57) Abstract :

The invention relates to methods for inspecting objects fed in a continuous flow (4) in particular packages (2) or components wherein an inspecting body is guided along an inspection segment (7) together with an object and a response to an inspection of the object is detected by means of a sensor (10) in order to determine if the object meets a quality criterion in particular is tight or leaky or true to size or functional. The invention further relates to corresponding devices (1 27 36 44).



No. of Pages : 37 No. of Claims : 57

(21) Application No.4078/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :30/05/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : CONTINUOUS PRODUCTION METHOD FOR POLYCARBONATE POLYORGANOSILOXANE COPOLYMER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (36) International Application No Filing Date (71) Name of Applicant : (72) Name of Inventor : (72) Name of Inventor : (73) NAGAO Yukiko (74) Name of Inventor : (74) Name of Inventor : (75) Name of Inventor : (74) Name of Inventor : (75)	 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 Jumber Filing Date 62) Divisional to Application Number 	:2011265163 :02/12/2011 :Japan :PCT/JP2012/0798: :16/11/2012 :WO 2013/080816 ion :NA :NA	 1)IDEMITSU KOSAN CO.LTD. Address of Applicant :1 1 Marunouchi 3 chome Chiyoda ku Tokyo 1008321 Japan 4 (72)Name of Inventor : 1)ISHIKAWA Yasuhiro 2)MOTEGI Hiroaki 	
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(57) Abstract :

The present invention provides a method for producing a polycarbonate polyorganosiloxane copolymer in an economical and stable manner. Specifically this continuous production method for a polycarbonate polyorganosiloxane copolymer comprises: a step (A) in which a polymerization reaction solution which is obtained by polymerizing a dihydric phenol compound a carbonate precursor and polyorganosiloxane in the presence of an aqueous solution of an alkaline compound and a water insoluble organic solvent is continuously or intermittently extracted from a reactor; a step (B) in which the polymerization reaction solution extracted in step (A) is separated into an aqueous phase and a water insoluble organic solvent phase; and a step (C) in which the water insoluble organic solvent phase and a water insoluble organic solution and then separated into an aqueous phase and a water insoluble organic solution method for a polycarbonate polyorganosiloxane copolymer involves extracting the water insoluble organic solvent from the aqueous phase separated in step (C) controlling the process in such a manner that the content of the polycarbonate polyorganosiloxane copolymer in the obtained extract is 2 percent by mass or less and reusing all or part of said extract in step (A).

No. of Pages : 42 No. of Claims : 5

(21) Application No.2780/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :06/06/2014

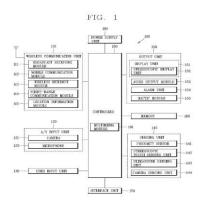
(43) Publication Date : 22/01/2016

(54) Title of the invention : MOBILE TERMINAL AND METHOD OF CONTROLLING THE SAME

(86) International Application No:NA(72)Name of Inventor :Filing Date:NA1)Kyungmin Cho(87) International Publication No: NA2)Jeonghyun Lee(61) Patent of Addition to Application Number:NA3)Minah SongFiling Date:NA:NA(62) Divisional to Application Number:NA	 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:G06F :61/858,620 :26/07/2013 :U.S.A.	Address of Applicant :128, Yeoui-daero, Yeongdeungpo-gu, Seoul, 150-721, Republic of Korea Republic of Korea
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number NA (63) Divisional to Application Number (64) NA (65) Divisional to Application Number (65) Divisional to Application Number (65) Divisional to Application Number (7) A (8) Divisional to Application Number (8) A (8) Divisional to Application Number (8) A (8) Divisional to Application Number <li< td=""><td>· · · · · · · · · · · · · · · · · · ·</td><td></td><td></td></li<>	· · · · · · · · · · · · · · · · · · ·		
Filing Date :NA (62) Divisional to Application Number :NA	ε		2)Jeonghyun Lee
(62) Divisional to Application Number :NA	11		3)Minah Song
	6		

(57) Abstract :

A mobile terminal including a camera; a display unit configured to display an image input through the camera; and a controller configured to display at least one user-defined icon corresponding to linked image-setting information, receive a touch signal indicating a touch is applied to a corresponding user-defined icon, and control the camera to capture the image based on image-setting information linked to the corresponding user-defined icon in response to the received touch signal. FIG.1



No. of Pages : 53 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :12/06/2014

(21) Application No.2857/CHE/2014 A

(43) Publication Date : 22/01/2016

(51) International classification	:F02M	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Bosch Limited
(32) Priority Date	:NA	Address of Applicant :Post Box No 3000, Hosur Road,
(33) Name of priority country	:NA	Adugodi, Bangalore 560030, Karnataka, INDIA Karnataka Indi
(86) International Application No	:NA	2)Robert Bosch GmbH
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)GANDIBAN Karthik
(61) Patent of Addition to Application Number	:NA	2)ANJANAPPA Goutham
Filing Date	:NA	3)BHARATHEESH Bharath
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A fuel delivery arrangement 10 is described. The fuel delivery arrangement 10 comprises a high pressure pump 12, a low pressure pump 14 supplying fuel to the high pressure pump 12, characterized in that an electrically actuated low pressure fuel pump 16 located upstream and in fluid communication with the low pressure pump 14 and downstream from a fuel tank, the electrically actuated low pressure fuel pump 16 controlled by a control unit 18. Reference figure: Figure 1

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

(21) Application No.2858/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :12/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : ADVANCED MATHEMATICAL CALCULATOR (IN BUSINESS AND FINANCIAL MATHEMATICS)

(51) International classification	:g09b	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RAFI AHMED
(32) Priority Date	:NA	Address of Applicant :NO. 2/1, GROUND FLOOR, 8TH
(33) Name of priority country	:NA	CROSS, DINNUR, R.T. NAGAR POST, BANGALORE - 560
(86) International Application No	:NA	032 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RAFI AHMED
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

From the above picture, the first part of the picture shown in the screen is for the user to study the same. The second part of the question empty boxes are given, the user have to input the question number of his choice. In the third part of the questions where answer displays, otherwise it will show default. (NOTE : if there is a chance of getting negative answer, the calculator shows the exact range of question number for positive answers)

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

(21) Application No.3985/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :28/05/2014

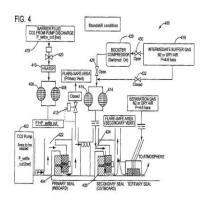
(43) Publication Date : 22/01/2016

(54) Title of the invention : DRY GAS SEAL FOR SUPERCRITICAL CO2 PUMP HIGH PRESSURE BUFFER

(51) International classification (31) Priority Document No	1:F01D11/06,F04D29/12,F16J15/34 :CO2011A000057	(71)Name of Applicant : 1)NUOVO PIGNONE S.P.A
(32) Priority Date	:05/12/2011	Address of Applicant :Via Felice Matteucci 2 I 50127
(33) Name of priority country	:Italy	Florence Italy
(86) International Application No Filing Date	:PCT/EP2012/073720 :27/11/2012	(72)Name of Inventor :1)DEL VESCOVO Carlo2)RIPA Donato Antonio
(87) International Publication No	:WO 2013/083437	3)SCIANCALEPORE Maurizio
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Presented are systems and methods for assuring a safe working condition of a dry gas seal when a pump/compressor is in a standstill condition. A small booster compressor 426 is added to boost the pressure of an intermediate buffer gas injected into the chamber between a primary seal 404 and a secondary seal 406 of the dry gas seal 400. Control components detect when the barrier gas pressure drops below a preconfigured value and when detected closes a valve in a line to a flare safe area and turns on the compressor 426. The boosted intermediate buffer gas Nitrogen or dry air slows the flow of untreated process gas through the primary seal of the dry gas seal and prevents icing of the primary seal.



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

(21) Application No.3986/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :28/05/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : IMAGE FORMING APPARATUS METHOD FOR CONTROLLING IMAGE FORMING APPARATUS AND PROGRAM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	PCT/JP2012/078833	 (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)TAKATANI Tamotsu
Filing Date	:07/11/2012	
(87) International Publication No	:WO 2013/069679	
 (61) Patent of Addition to Application Number Filing Date (2) Division and the division of the second se	:NA :NA	
(62) Divisional to Application Number Filing Date	¹ :NA :NA	

(57) Abstract :

The present invention relates to an image forming apparatus having a control unit and an image forming unit. The image forming apparatus has as start up modes of the control unit a plurality of start up modes which include a first start up mode and a second start up mode that has a start up time shorter than that in the first start up mode.

No. of Pages : 43 No. of Claims : 10

(21) Application No.4086/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :30/05/2014

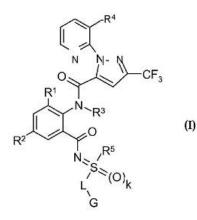
(43) Publication Date : 22/01/2016

 (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 	:A61K31/4439 :61/578267 :21/12/2011 :U.S.A. :PCT/EP2012/076390 :20/12/2012 :WO 2013/092868 :NA :NA	 (71)Name of Applicant : 1)BASF SE Address of Applicant :67056 Ludwigshafen Germany (72)Name of Inventor : 1)KÃ-RBER Karsten 2)KAISER Florian 3)DESHMUKH Prashant 4)CULBERTSON Deborah L. 5)NEESE Paul 6)GUNJIMA Koshi
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : N THIO ANTHRANILAMIDE COMPOUNDS AND THEIR USE AS PESTICIDES

(57) Abstract :

The present invention relates to N thio anthranilamide compounds of the formula (I) the stereoisomers the salts the tautomers and the N oxides thereof wherein R is hydrogen C C alkyl or C C cycloalkyl; R is hydrogen halogen or cyano; R is hydrogen C C alkyl C C haloalkyl C C alkenyl or the like; R is halogen or C C haloalkyl; R is an optionally substituted C C alkyl C C cycloalkyl C C alkenyl C C alkynyl phenyl heterocyclic ring or the like; L is an optionally substituted C C alkanediyl C C alkenediyl C C alkynediyl C C cycloalkyl substituted C C cycloalkyl phenyl heterocyclic ring or the like; G is an optionally substituted C C cycloalkyl phenyl heterocyclic ring or the like; G is an optionally substituted C C cycloalkyl phenyl heterocyclic ring or the like; and k is 0 or 1. The present invention further relates to a method for combating or controlling invertebrate pests to a method for protecting plant propagation material and/or the plants which grow therefrom to plant propagation material comprising at least one compound according to the present invention to a method for treating or protecting an animal from infestation or infection by parasites to a process for the preparation of a composition for treating infested or infected animals and/or for protecting animals against infestation or infection by parasites and to a compound according to the invention for use as a medicament.



No. of Pages : 84 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :05/06/2014

(21) Application No.2775/CHE/2014 A

(43) Publication Date : 22/01/2016

(51) International classification	:G06Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Accenture Global Services Limited
(32) Priority Date	:NA	Address of Applicant :3 Grand Canal Plaza, Grand Canal
(33) Name of priority country	:NA	Street Upper, Dublin 4, IRELAND Ireland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Gurdeep Virdi
(87) International Publication No	: NA	2)Alex Kass
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A digital workspace connects enterprise applications with collaborative applications and social applications into a unified work environment. The digital workspace includes rule-based process mediation service circuitry in communication with the enterprise application and collaboration hub service circuitry in communication with the rule-based process mediation service circuitry and the social application. The digital workspace implements a messaging exchange architecture in support of completion of the workflow within the digital workspace. The messaging exchange includes receiving a workflow status message from the enterprise application, executing a matching task rule with the rule-based process mediation service circuitry responsive to the workflow status message, and in response, issuing a collaboration message to the collaboration application, issuing an information message to the social application, or both.

No. of Pages : 30 No. of Claims : 20

(21) Application No.3000/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :04/12/2009

(43) Publication Date : 22/01/2016

(54) Title of the invention : GENERATION OF DATA CONCERNING RECEPTION OF MEDIA CONTENT AT A COMMUNICATION DEVICE

(51) International classification:G06F(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No:NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAKa </th <th> (71)Name of Applicant : 1)SLING MEDIA PVT LTD Address of Applicant :PSS PLAZA #6, WIND TUNNEL ROAD, MURUGESH PALYA BANGALORE 560 017. Karnataka India 2)SLING MEDIA, INC (72)Name of Inventor : 1)KALLERI FAIZEL REHIMAN 2)DAVID EYLER 3)SATISH P. NAYAK 4)RAVINDER CHOUHAN 5)GURUBASAPPA KORE</th>	 (71)Name of Applicant : 1)SLING MEDIA PVT LTD Address of Applicant :PSS PLAZA #6, WIND TUNNEL ROAD, MURUGESH PALYA BANGALORE 560 017. Karnataka India 2)SLING MEDIA, INC (72)Name of Inventor : 1)KALLERI FAIZEL REHIMAN 2)DAVID EYLER 3)SATISH P. NAYAK 4)RAVINDER CHOUHAN 5)GURUBASAPPA KORE
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(57) Abstract :

A method of providing data associated with reception of media content is presented. In the method, a communication device receives media content from a media content receiver via a communication network. The received media content is output to a user of the communication device. Data is then generated in the communication device which includes information identifying a channel selected by the user over which the media content receiver receives the media content. The data further includes information identifying a time period during which the communication device receives the media content. The data is transferred via the communication network to a communication node.

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

(21) Application No.4082/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :30/05/2014

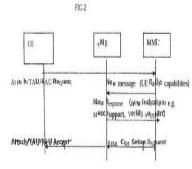
(43) Publication Date : 22/01/2016

(54) Title of the invention : ENHANCED INDICATION OF NETWORK SUPPORT OF SRVCC AND/OR VOICE OVER IMS FOR AN USER EQUIPMENT IN AN EPS NETWORK

(51) International classification	:H04W36/00	(71)Name of Applicant :
(31) Priority Document No	:11290513.8	1)ALCATEL LUCENT
(32) Priority Date	:04/11/2011	Address of Applicant :3 avenue Octave GrÃard F 75007 Paris
(33) Name of priority country	:EPO	France
(86) International Application No	:PCT/EP2012/071033	(72)Name of Inventor :
Filing Date	:24/10/2012	1)GODIN Philippe
(87) International Publication No	:WO 2013/064401	2)PALAT Sudeep
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	
Filing Date	INA	

(57) Abstract :

Embodiments of the present invention include a method for enhanced indication of network support of SRVCC and/or Voice over IMS for an User Equipment UE in an Evolved Packet System EPS network said method comprising at least one step based on taking into account support of SRVCC and/or Voice over IMS by Radio Access Network RAN nodes and/or by Radio Access Technologies RATs available for SRVCC for said UE in said EPS network.



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

(21) Application No.4083/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :30/05/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR CONTINUOUS PRODUCTION OF POLYCARBONATE POLYORGANOSILOXANE COPOLYMER

(51) International classification	:C08G64/40	(71)Name of Applicant :
(31) Priority Document No	:2011265159	1)IDEMITSU KOSAN CO.LTD.
(32) Priority Date	:02/12/2011	Address of Applicant :1 1 Marunouchi 3 chome Chiyoda ku
(33) Name of priority country	:Japan	Tokyo 1008321 Japan
(86) International Application No	:PCT/JP2012/079853	(72)Name of Inventor :
Filing Date	:16/11/2012	1)ISHIKAWA Yasuhiro
(87) International Publication No	:WO 2013/080815	2)MOTEGI Hiroaki
(61) Patent of Addition to Application	:NA	3)NAGAO Yukiko
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a method for the producing a polycarbonate polyorganosiloxane copolymer in an economical and stable manner. Specifically this method for the continuous production of a polycarbonate polyorganosiloxane copolymer comprises: a step (A) in which a polymerization reaction solution which is obtained by polymerizing a dihydric phenol compound a carbonate precursor and polyorganosiloxane in the presence of an aqueous solution of an alkaline compound and a water insoluble organic solvent is continuously or intermittently extracted from a reactor; a step (B) in which the polymerization reaction solution extracted in step (A) is separated into an aqueous phase and a water insoluble organic solvent phase; and a step (C) in which the water insoluble organic solvent phase separated in step (B) is washed with an acidic aqueous solution and then separated into an aqueous phase and a water insoluble organic solvent phase. The method for the continuous production of a polycarbonate polyorganosiloxane copolymer involves controlling the process in such a manner that the content of the polycarbonate polyorganosiloxane copolymer in the aqueous phase separated in step (C) is 2 percent by mass or less and reusing some or all of an extract obtained by extracting the aqueous phase separated in step (C) with the water insoluble organic solvent in step (A).

No. of Pages : 41 No. of Claims : 5

(21) Application No.3028/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :09/12/2009

(43) Publication Date : 22/01/2016

(54) Title of the invention : SYSTEM AND METHOD FOR CALCULATING A COMPREHENSIVE PIPELINE INTEGRITY BUSINESS RISK SCORE

(51) International classification	:G06Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INFOSYS TECHNOLOGIES LIMITED
(32) Priority Date	:NA	Address of Applicant :PLOT NO. 44, ELECTRONICS CITY,
(33) Name of priority country	:NA	HOSUR ROAD, BANGALORE-560 100 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DIPAYAN MITRA
(87) International Publication No	: NA	2)SANDEEP KUMAR DEWANGAN
(61) Patent of Addition to Application Number	:NA	3)LARRY JOSEPH RUBENACKER
Filing Date	:NA	4)MANISH VERMA
(62) Divisional to Application Number	:NA	5)PRAKASH DHAKE
Filing Date	:NA	6)PARAS SACHDEVA

(57) Abstract :

A method and system for calculating pipeline integrity business risk score for a pipeline network is provided. The method includes a step of first calculating a structural risk score, an operational risk score and a commercial risk score for each pipeline segment in a pipeline network. The method further includes calculating pipeline integrity business risk score for each pipeline segment. The structural risk score, operational risk score, commercial risk score and pipeline integrity business risk score for each pipeline segment is rolled-up to calculate the respective risk scores of a pipeline network. The rolled-up risk scores are calculated by computing weight factors for each pipeline segment, relative risk scores weight of each pipeline segment and relative risk scores contribution of each pipeline segment. The system of the invention comprises executable files, dynamic linked libraries and risk score computing modules configured to display the risk scores using a dashboard.

No. of Pages : 34 No. of Claims : 30

(21) Application No.4018/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :28/05/2014

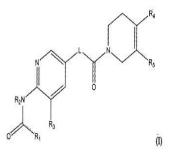
(43) Publication Date : 22/01/2016

(54) Title of the invention : SUBSTITUTED PYRIDINE DERIVATIVES AS FABI INHIBITORS

classification:C0/D4/1/04,C0/D4/1/14,A61K51/43/5(31) Priority Document:4176/CHE/2011No:4176/CHE/2011(32) Priority Date:02/12/2011(33) Name of priority:India	 (71)Name of Applicant : 1)AURIGENE DISCOVERY TECHNOLOGIES LIMITED Address of Applicant :39 40 KIADB Industrial Area Electronic City Phase II Hosur road Bangalore 560100 Himachal Pradesh India 2)UM PHARMAUJI SDN. BHD (72)Name of Inventor : 1)TAKHI Mohamed 2)HOSAHALLI Subramanya 3)PANIGRAHI Sunil Kumar 4)MAHADARI Muni Kumar 5)KOTTAM Chandrashekar Reddy 6)ABD RAHMAN Noorsaadah 7)YUSOF Rohana
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(57) Abstract :

The present invention provides substituted pyridine derivatives of formula (I) which may be therapeutically useful as as anti bacterial agents more particulalrly FabI inhibitors. Formula(I) in which R1 to R5 and L have the meanings given in the specification and pharmaceutically acceptable salts thereof that are useful in the treatment and prevention in diseases or disorder in particular their use in diseases or disorder where there is an advantage anti bacterial agents more particularly FabI inhibitors. The present invention also provides methods for synthesizing and administering the FabI inhibitor compounds. The present invention also provides pharmaceutical formulations comprising at least one of the FabI inhibitor compounds together with a pharmaceutically acceptable carrier diluent or excipient therefor.



No. of Pages : 134 No. of Claims : 19

(21) Application No.4019/CHENP/2014 A

(19) INDIA

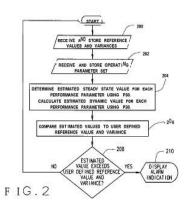
(22) Date of filing of Application :28/05/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : SYSTEM AND METHOD FOR DETECTING GENERATOR INCIPIENT FAILURES (51) International classification :H02P9/08 (71)Name of Applicant : (31) Priority Document No **1)BASLER ELECTRIC COMPANY** :13/290910 (32) Priority Date :07/11/2011 Address of Applicant :Route 143 P.O. Box 269 Highland (33) Name of priority country Illinois 62249 U.S.A. :U.S.A. :PCT/US2012/063910 (72)Name of Inventor : (86) International Application No Filing Date :07/11/2012 1)KIM Kiyong (87) International Publication No :WO 2013/070736 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A method system and computer software for detecting an incipient failure of a generator in a power system including the steps of ascertaining one or more generator reference parameter of the generator for use as a baseline reference; measuring one or more operating parameter values of the generator; using the one or more operating parameter values to solve for an estimated present value of the one or more of the generator s current performance parameters using particle swarm optimization technique; and determining whether the estimated present values of the one or more of the generator s current performance parameters s current performance parameters are outside of an acceptable limit.



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

(21) Application No.4112/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : SYSTEM FOR MULTIPLE INVERTER DRIVEN LOADS

 (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 	:26/11/2012 :WO 2014/081437 :NA :NA	 (71)Name of Applicant : 1)GENERAL ELECTRIC COMPANY Address of Applicant :1 River Road Schenectady NY 12345 U.S.A. (72)Name of Inventor : 1)LOVERCHECK Glenn T. 2)DAIGLE Jeffrey Louis 3)VERMA Rajeev 4)NIKOLOV Emil N
e	:NA :NA	

(57) Abstract :

A system for controlling multiple inverter driven loads includes a controller that is configured to be coupled with an inverter that receives direct current and converts the direct current into an alternating current in order to supply the alternating current to plural loads that are connected to the inverter by plural respective contactors. The controller also is configured to control operations of the inverter and of the contactors in order to individually control which of the loads remain connected to and powered by the inverter and which of the loads are disconnected from the inverter.

No. of Pages : 79 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :10/06/2014

(21) Application No.2826/CHE/2014 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : STAR POWER	
(51) International classification:f03d(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA	 (71)Name of Applicant : 1)P. PAZHANI Address of Applicant :DOOR NO. 2779, TAMIL NADU HOUSING BOARD, AVADI, CHENNAI - 600 054 Tamil Nadu India 2)M. GOPU POONDI (72)Name of Inventor : 1)P. PAZHANI 2)M. GOPU
(62) Divisional to Application Number:NAFiling Date:NA	

(57) Abstract :

Without the help of Petrol, Diesel, Coal, Air ,Water and sunlight Electricity can be produced by 50 or lOOkgms force ,a dynamo be existed ,through that dynamo DC & AC Electricity would be produced and 6 kV Electricity would be saved and through that 11 KV Electricity will be produced. By that 1 to 1000 mega watt can be produced through this new invention. In a fabricated stand two shelf has been fixed in mono block. At the end of 2 shaft,wheel has been fixed in the side wheel has been fixed in liver in eccentric manner. Tow big wheel has been fixed in right side shaft in both front and back. Small wheel has been fixed in left side of shaft in both front and back. 750 mm diameter spur gear has been fixed in left side shaft)backside). Above this 50mm diameter spur gear has been fixed at the end of the shaft, wind mill has been connected. Approximately 50 kg weight been hung in right side wheel(both front and back).Length is approximately 5 feet. Below the stand transformer is fixed.

No. of Pages : 16 No. of Claims : 4

(21) Application No.2827/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :10/06/2014

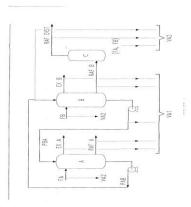
(43) Publication Date : 22/01/2016

(54) Title of the invention : ANALYSIS DEVICE AND ASSOCIATED METHOD FOR OPERATING SIMULATED MOVING BED XYLENES SEPARATION UNITS USING A RAMAN SPECTROMETER

 (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 	:13/55.516 :14/06/2013 :France	 (71)Name of Applicant : 1)AXENS Address of Applicant :of 89 Bd Franklin Rossevelt, B.P. 50802, 92508 RUEIL MALMAISON, Cedex, France France (72)Name of Inventor : 1)HOTIER, GÃrard
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(57) Abstract :

The present invention describes an analysis device and a method associated with this device, said device comprising an analysis cell (8) containing an optrode (10), receiving an input laser signal and sending an output signal to the Raman spectrometer, and said method using two analysis routes: an analysis route 1 connected to the internal circulation current passing from adsorber B to adsorber A, and an analysis route 2 connected to the distilled raffinate originating from distillation column C. Figure 1 to be published



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

(21) Application No.3933/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :23/05/2014

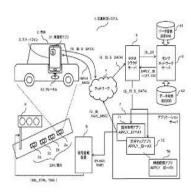
(43) Publication Date : 22/01/2016

(54) Title of the invention : DEVICE FOR GENERATING DATA FLOW CONTROL INSTRUCTION AND SENSOR MANAGEMENT DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	1	 (71)Name of Applicant : 1)OMRON CORPORATION Address of Applicant :801 Minamifudodo cho Horikawahigashiiru Shiokoji dori Shimogyo ku Kyoto shi Kyoto 6008530 Japan (72)Name of Inventor : 1)HISANO Atsushi
Filing Date (87) International Publication No	:WO 2014/041826	
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:NA :NA	
Number Filing Date	:NA :NA	

(57) Abstract :

A device for generating a data flow control instruction is used having a sensor side metadata acquiring means for acquiring sensor side metadata which is information relating to a sensor for outputting sensing data an app side metadata acquiring means for acquiring app side metadata which is information relating to an application for providing a service using the sensing data a matching means for extracting a sensor capable of providing sensing data that satisfies a request by an application by matching the sensor side metadata and the app side metadata and an instructing means for transmitting a data flow control instruction specifying the application and the sensor extracted by the matching means to a sensor management device for managing the sensor.



No. of Pages : 100 No. of Claims : 13

(21) Application No.4122/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014

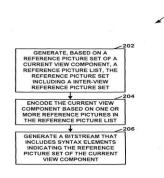
(43) Publication Date : 22/01/2016

(54) Title of the invention : REFERENCE PICTURE LIST CONSTRUCTION FOR MULTI VIEW AND THREE DIMENSIONAL VIDEO CODING

(51) International classification	:H04N7/26	(71)Name of Applicant :
(31) Priority Document No	:61/578178	1)QUALCOMM INCORPORATED
(32) Priority Date	:20/12/2011	Address of Applicant : Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego CA 92121 1714 U.S.A.
(86) International Application No	:PCT/US2012/071049	(72)Name of Inventor :
Filing Date	:20/12/2012	1)CHEN Ying
(87) International Publication No	:WO 2013/096674	2)WANG Ye Kui
(61) Patent of Addition to Application	:NA	3)ZHANG Li
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A video encoder generates based on a reference picture set of a current view component a reference picture list for the current view component. The reference picture set includes an inter view reference picture set. The video encoder encodes the current view component based at least in part on one or more reference pictures in the reference picture list. In addition the video encoder generates a bitstream that includes syntax elements indicating the reference picture set of the current view component. A video decoder parses from the bitstream syntax elements indicating the reference picture set of the current view component. The video decoder generates based on the reference picture set the reference picture list for the current view component. In addition the video decoder decodes at least a portion of the current view component based on one or more reference picture list.



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No. of Pages : 88 No. of Claims : 44

(19) INDIA

(22) Date of filing of Application :04/06/2014

(21) Application No.2739/CHE/2014 A

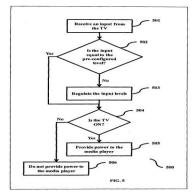
(43) Publication Date : 22/01/2016

(51) International classification	:H04N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TOSHIBA SOFTWARE INDIA (PVT) LTD
(32) Priority Date	:NA	Address of Applicant :#3A, ESSAE VAISHNAVI
(33) Name of priority country	:NA	SOLITAIRE, 3RD BLOCK, KORAMANGALA, BANGALORE
(86) International Application No	:NA	- 560 034 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SAMIT BISWAS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
	.1 17 1	

(54) Title of the invention : USE OF A TELEVISION TO POWER A MEDIA PLAYER

(57) Abstract :

ABSTRACT Use of a Television to power external devices. Embodiments herein disclose a system comprising of a media player connected to a Television (TV), wherein the TV comprises of a rechargeable battery and the TV is configured to power the media player. Also, disclosed herein is a Television (TV) with a rechargeable battery connected to a media player, wherein the TV is configured to power the media player. Disclosed herein is a media player connected to a Television (TV) with a rechargeable battery, wherein the media player is configured to be powered by the TV. Disclosed herein is a power controller located between a media player and to a Television (TV), wherein the TV comprises of a rechargeable battery and the power controller located between to provide power from the TV to the media player. FIG. 5



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

(19) INDIA

(22) Date of filing of Application :09/06/2014

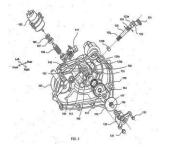
(21) Application No.2810/CHE/2014 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : A CLUTCH DISENGAGEMENT MECHANISM (51) International classification :F16D (71)Name of Applicant : (31) Priority Document No 1)TVS MOTOR COMPANY LIMITED :NA (32) Priority Date :NA Address of Applicant : JAYALAKSHMI ESTATES • NO.29 (33) Name of priority country :NA (OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil (86) International Application No Nadu India :NA Filing Date (72)Name of Inventor: :NA 1)KANDREGULA SRINIVASA RAO (87) International Publication No : NA (61) Patent of Addition to Application Number :NA 2)SUBRAMANIAN KRISHNA KUMAR Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present subject matter.discloses an IC engine (100) comprising an electrically operated clutch (139), a clutch cover (102) covering said clutch and a clutch disengagement mechanism for disengaging said clutch in the event of an undesirable failure. The clutch disengagement mechanism comprises an actuator plunger (115) having an engaging portion (116) and a manually operated clutch relÃase lever (121) operatively connected with a clutch relÃase shaft (125) having an end portion (126) configured to engage with the engaging portion of the actuator plunger. On manual operation of clutch relÃase lever (121), the engaging portion of the actuator plunger acts on the clutch relÃase pin and disengages said clutch from the engine. A guide-cum-holder member (130) is also provided to support the engaging portion (116) of the actuator plunger (115) and the end portion (126) of the clutch relÃase shaft (125).



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

(21) Application No.2891/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :13/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : GROWTH OF NITRIDE FILMS WITH LOW DISLOCATION DENSITY ON A SUBSTRATE AND PROCESS THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:NA :NA :NA	 (71)Name of Applicant : 1)INDIAN INSTITUTE OF SCIENCE Address of Applicant :BANGALORE 560 012 Karnataka India (72)Name of Inventor :
Filing Date	:NA	1)SRINIVASAN RAGHAVAN
(87) International Publication No	: NA	2)NARAYANAN RAVISHANKER
(61) Patent of Addition to Application Number	:NA	3)NAGABOOPATHY MOHAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract A metal nitride structure, having a substrate is coupled to a buffer layer of metal nitride. A stack of silicon-doped metal nitride layer (GaN) and a metal nitride interlayer (A1N) with substantially bending and annihilation of dislocations, coupled to the buffer layer of metal nitride and arranged in close proximity to the substrate. An epilayer of metal nitride (GaN), arranged on the stack of silicon-doped metal nitride layer and a metal nitride interlayer, the epilayer is provided with a finite compressive stress, crack-free, smooth and having a substantially low dislocation density. The present invention also provides a process for the preparation of the metal nitride structure with a finite compressive stress, crack-free, smooth and having a substantially low dislocation density.

No. of Pages : 32 No. of Claims : 26

(21) Application No.4041/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :29/05/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF CHLORINATED ALKANES

(31) Priority Document No:61/5(32) Priority Date:02/1(33) Name of priority country:U.S.(86) International Application No:PCTFiling Date:30/1	566202 12/2011 .A. F/US2012/067261 11/2012 0 2013/082404	 (71)Name of Applicant : 1)DOW GLOBAL TECHNOLOGIES LLC Address of Applicant :2040 Dow Center Midland Michigan 48674 U.S.A. (72)Name of Inventor : 1)GRANDBOIS Matthew Lee 2)CHEN Xiaoyun 3)William J. KRUPER Jr.
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(57) Abstract :

Processes for the production of chlorinated alkanes are provided. The present processes comprise catalyzing the addition of at least two chlorine atoms to an alkane and/or alkene with a catalyst system comprising one or more nonmetallic iodides and/or lower than conventional levels of elemental iodine and at least one Lewis acid. The present processes make use of sulfuryl chloride or chlorine gas as a chlorinating agent.

No. of Pages : 14 No. of Claims : 13

(21) Application No.4134/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :03/06/2014

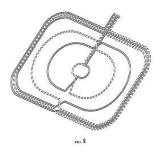
(43) Publication Date : 22/01/2016

(3+) The of the invention . STSTEW AN	D WIETHOD FOR LOW	LOSS WIRELESS FOWER TRANSMISSION
(51) International classification	:H04K	(71)Name of Applicant :
(31) Priority Document No	:61/576885	1)QUALCOMM INCORPORATED
(32) Priority Date	:16/12/2011	Address of Applicant :ATTN: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(86) International Application No	:PCT/US2012/069574	(72)Name of Inventor :
Filing Date	:13/12/2012	1)KASTURI Sreenivas
(87) International Publication No	:WO 2013/090623	2)GUPTA Ashish
(61) Patent of Addition to Application	:NA	3)MCFARLAND Michael K.
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : SYSTEM AND METHOD FOR LOW LOSS WIRELESS POWER TRANSMISSION

(57) Abstract :

Systems and methods for low loss wireless power transmission are described herein. In one aspect a transmission coil for transmitting wireless power comprises a first and second spiral coil. Each spiral coil comprises a plurality of turns. A center of the first spiral coil to an outermost turn of the first spiral coil defines a first cross section and a center of the second spiral coil to an outermost turn of the second spiral coil defines a second cross section. Portions of the first spiral coil along the first cross section and the second spiral coil along the second cross section have a mutual inductance with respect to a receive coil greater than 65% of a maximum mutual inductance along the first and second cross sections. The second spiral coil is counter wound relative to the first spiral coil.



No. of Pages : 42 No. of Claims : 36

(19) INDIA

(22) Date of filing of Application :13/06/2014

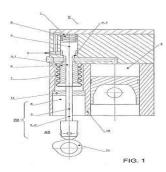
(43) Publication Date : 22/01/2016

(21) Application No.2890/CHE/2014 A

(51) International classification	:F01B	(71)Name of Applicant :
(31) Priority Document No	:A481-2013	1)MAN Truck & Bus Ã-sterreich AG
(32) Priority Date	:17/06/2013	~
(33) Name of priority country	:Austria	Austria Austria
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)LANG, Michael
(87) International Publication No	: NA	2)MELCHER, Norbert
(61) Patent of Addition to Application Number	:NA	3)STANZER, Stefan
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a valve (V), in particular a steam valve, preferably for an expansion machine for a motor vehicle. The valve (V) comprises a feed space (1), in particular a live steam space, into which a medium, in particular steam, can be fed via a valve feed (2), a working space (3), into which the medium can be fed from the feed space (1) and in which the medium can be expanded or compressed, a valve part (4), via which the connection between the feed space (1) and the working space (3) can be opened or closed, and a reciprocating valve rod (5), which is preferably connected by a first subsection (5.1) to the valve part (4) and can be controlled by means of a second subsection (5.2). The valve (V) is characterized, in particular, by a corrugated bellows (7), which serves to seal off the working space (3) sectionwise, and/or by a valve return element (8), which serves to return the valve part (4) and is arranged in the feed space (1).(Figure 1)



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

(19) INDIA

(22) Date of filing of Application :03/06/2014

(21) Application No.4143/CHENP/2014 A

(43) Publication Date : 22/01/2016

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:61/559503	1)VASCO DATA SECURITY INTERNATIONAL GMBH
(32) Priority Date	:14/11/2011	Address of Applicant :World Wide Business Center Balz
(33) Name of priority country	:U.S.A.	Zimmermannstrasse 7 CH 8152 Glattbrug Switzerland
(86) International Application No	:PCT/US2012/065017	(72)Name of Inventor :
Filing Date	:14/11/2012	1)BRAAMS Harm
(87) International Publication No	:WO 2013/074631	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : A SMART CARD READER WITH A SECURE LOGGING FEATURE

(57) Abstract :

The present invention provides a secure smart card reader enabled to make reader signatures on data representative of events and actions which may be security related and which may comprise data representative of reader commands the reader receives from a host or remote application smart card commands the reader exchanges with an inserted smart card data the reader presents to the user for approval and/or configuration parameters the reader applies when dealing with any of the foregoing. The smart card reader may furthermore be adapted to maintain logs of certain events and actions which may comprise exchanging reader commands with a host or remote application exchanging smart card commands with an inserted smart card and/or interactions with a user. The logs may comprise data representative of reader commands the reader presents to the user for approval and/or configuration parameters the reader receives from a host or remote application smart card commands the reader receives from a host or remote application smart card commands the reader receives from a host or remote application smart card commands the reader receives from a host or remote application smart card commands the reader presents to the user for approval and/or configuration parameters the reader applies when dealing with an inserted smart card data the reader presents to the user for approval and/or configuration parameters the reader applies when dealing with any of the foregoing. The secure smart card reader may be adapted to generate a reader signature over one or more of these logs.

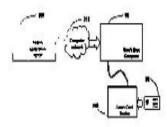


Figure 2

No. of Pages : 57 No. of Claims : 35

UBLICATION

(54) Title of the invention : CABLE COMPONENT WITH NON FLAMMABLE MATERIAL

(19) INDIA

(22) Date of filing of Application :03/06/2014

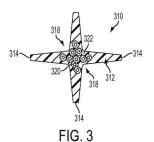
(43) Publication Date : 22/01/2016

(21) Application No.4144/CHENP/2014 A

(51) International classification :H01B7/29,H01B7/295 (71)Name of Applicant : (31) Priority Document No 1) GENERAL CABLE TECHNOLOGIES CORPORATION :61/567428 (32) Priority Date :06/12/2011 Address of Applicant :4 Tesseneer Drive Highland Heights (33) Name of priority country Kentucky 41076 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/067975 (72)Name of Inventor: Filing Date :05/12/2012 1)GOULD Robert S. (87) International Publication No 2)FAUSZ David M. :WO 2013/086013 (61) Patent of Addition to Application 3)CAMP II David P. :NA Number 4)BROWN Scott M. :NA Filing Date 5)SKOCYPEC Brian P. (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A cable component that comprises a main body where at least a part of the main body is formed of an insulation material and at least one non flammable portion is disposed in the insulation material of the main body. The non flammable portion forms at least about 25% by volume of the cable component is flexible and reduces the amount of the insulation material of the main body thereby reducing the fuel load in the cable component.



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

The Patent Office Journal 22/01/2016

(21) Application No.4145/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :03/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : MEDICAL DEVICE WITH CONDITIONAL POWER CONSUMPTION

(51) International classification (31) Priority Document No	:A61B5/0255,A61B5/1455 :13/307611	(71)Name of Applicant : 1)COVIDIEN LP
(32) Priority Date	:30/11/2011	Address of Applicant :15 Hampshire Street Mansfield
(33) Name of priority country	:U.S.A.	Massachusetts 02048 U.S.A.
(86) International Application No	:PCT/US2012/067130	(72)Name of Inventor :
Filing Date	:29/11/2012	1)GESKE Thomas
(87) International Publication No	:WO 2013/082323	2)ROBERTSON Nick
(61) Patent of Addition to Application	:NA	3)PRICE Thomas
Number Filing Date	:NA	4)KRISHNAN Kalpathy 5)GIBSON James
(62) Divisional to Application Number	:NA	-,
Filing Date	:NA	

(57) Abstract :

Embodiments of the present disclosure relate to a system and method for reducing power consumption of a medical device based on one or more physiological parameters. For example the medical device may be operated in a low power mode if a physiological parameter trend is above a certain threshold. In the low power mode the processing power may be reduced relative to a high power mode. The low power mode may be associated with reduced processing and output rate.

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

(54) Title of the invention : RECOVERY AND PURIFICATION OF NITROUS OXIDE

(21) Application No.2790/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :06/06/2014

(43) Publication Date : 22/01/2016

(51) International classification :B01D (71)Name of Applicant : (31) Priority Document No :201310262637.3 1)Air Products and Chemicals, Inc. (32) Priority Date :18/06/2013 Address of Applicant :of 7201 Hamilton Boulevard, (33) Name of priority country Allentown, PA 18195-1501, USA U.S.A. :China (86) International Application No (72)Name of Inventor : :NA Filing Date :NA **1)GUOHUA XIU** (87) International Publication No 2)PENG ZHANG : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

This invention is aimed at recovering and purifying nitrous oxide from the gas stream containing N2O to produce different grade of nitrous oxide by combination of unit operation including, but not limited to, wet scrubbing, adsorption, liquefaction, flash distillation or continuous distillation with reflux.

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

(21) Application No.2865/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :12/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : LUGGAGE CARRIER FOR A TWO WHEELER

(51) International classification	:b62j	(71)Name of Applicant :
(31) Priority Document No	:NA	1)THAIKATTIL, JOSE
(32) Priority Date	:NA	Address of Applicant : THAIKATTIL HOUSE, OLLUKARA
(33) Name of priority country	:NA	P.O., THRISSUR - 680 655 Kerala India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)THAIKATTIL, JOSE
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention proposes a luggage carrier for a two wheeler, said carrier being provided with a seat fitted on to the movable jaw of the spring-loaded clamp of the luggage carrier.

No. of Pages : 14 No. of Claims : 17

(21) Application No.2866/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :12/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : A SECURE MONITORING OF 46 HABIT FORMING DRUGS USING ABE IN CLOUD

(51) International classification	:G06Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SHANTALA.C.P
(32) Priority Date	:NA	Address of Applicant : VICE PRINCIPAL & HOD
(33) Name of priority country	:NA	COMPUTE SCIENCE & ENGINEERING,
(86) International Application No	:NA	CHANNABASAVESHWARA INSTITUTE OF
Filing Date	:NA	TECHNOLOGY, N.H. 206, GUBBI - 572 216 Karnataka India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SHANTALA.C.P
Filing Date	:NA	2)ASIF ULLA KHAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Antibiotics, also known as antibacterial, are types of medications that destroy or slow down the growth of bacteria. The problem statement is that there is no proper regulation about the usage of habit forming antibiotics. The government has come across such 46 habit forming drugs (Schedule hi drugs), that should not be available freely form 1st march 2014. They will be no longer counter drugs and will be sold only through a doctors prescription. According to the government notifications chemist should maintain the information such as patient name, prescribed doctor name and amount of 46 habit drugs sold. Such information should be maintained for three years, later the Drug and Control General of India, and zonal authorities will appear for inspection. To make this problem simpler we bring our concept where each and every chemist [100] is provided with service software to update all the necessary information (patient name, prescribed doctor name, antibiotic name, quantity sold, and opening stock, closing stock) to the centralized cloud[200] by using the mobile or computer weekly/daily. As we use cloud for storing drugs details, the data will be secure and it is not going to be tampered. The sub zonal officer can sit in a sub zonal office [300] and can see the information all through the year. They can set the limit on drugs and can check for any deviations, if any the corrective measures can be taken zonal wise, state wise, district wise and even individual chemist details can be tracked by drug control authority without any hassle.

No. of Pages : 6 No. of Claims : 4

(21) Application No.4212/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :05/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR PRODUCING BEARING SHELLS FOR PLAIN BEARINGS

 (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 	:B24C1/10,F16C33/14 :10 2011 087 880.7 :07/12/2011 :Germany :PCT/EP2012/066113 :17/08/2012 :WO 2013/083302 :NA :NA :NA :NA	 (71)Name of Applicant : 1)FEDERAL MOGUL WIESBADEN GMBH Address of Applicant :StielstraÃe 11 65201 Wiesbaden Germany (72)Name of Inventor : 1)ANDLER Gerd
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(57) Abstract :

The present invention relates to a method for producing bearing shells for plain bearings in which the bearing shells are blasted with corundum particles on the bearing metal side in order in this way to produce residual compressive stresses in the blasted side of the bearing shell. Furthermore the present invention relates to a bearing shell produced using such a method.

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

(19) INDIA

(22) Date of filing of Application :05/06/2014

(43) Publication Date : 22/01/2016

(21) Application No.4213/CHENP/2014 A

(54) Title of the invention : INTERACTIO	N MANAGEMENT	
(51) International classification(31) Priority Document No	:G06Q10/00 :61/563434	(71)Name of Applicant : 1)24/7 CUSTOMER INC.
(32) Priority Date(33) Name of priority country	:23/11/2011 :U.S.A.	Address of Applicant :910 E. Hamilton Ave. Suite 240 Campbell CA 95008 U.S.A.
(86) International Application No Filing Date		(72)Name of Inventor :1)KANNAN Pallipuram V.
(87) International Publication No	:WO 2013/078321	2)KUMAR Gangadharan
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)KUMAR Deepak
(62) Divisional to Application Number Filing Date	:NA :NA	

- -----. . .

(57) Abstract :

A company/organization is enabled to optimize sessions from an agent s perspective across multiple channels. Actions may be performed such as monitoring the journey of a user across a self service application raising alerts to the agent based on the journey selecting an appropriate agent to whom a session may be routed raising alerts for a supervisor enabling the supervisor to track sessions and intervene if required enable the agent to run commands from an interaction window push links to launch applications to supplement the primary interaction through appropriate mechanisms show appropriate responses to the agent on analyzing the session and providing shortcut keys for the agent to allow the agent to insert appropriate responses into a chat session. Analysis is provided for the sessions data is extracted from the sessions and appropriate forms are populated with the data from the session and with agent information.



No. of Pages : 32 No. of Claims : 29

(21) Application No.2894/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :13/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : INVESTIGATIVE TECHNICAL APPROACH ON LEG INJURY AND MOVEMENT: ADVANCEMENT AND ASSISTANCE

(57) Abstract :

INVESTIGATIVE TECHNICAL APPROACH ON LEG INJURY AND MOVEMENT: ADVANCEMENT AND ASSISTANCE ABSTRACT: The advancement in science is a day to day need for various improvements and approach to these sectors is a time invariable consideration for the communal change. Movement is an essential parameter in a humans life to determine the growth of his evolution. A support that would enhance their morale both physically and emotionally has to be considered. An assistance is required for the persons who have suffered from leg injuries/fractures. There is a need for a system to assist and provide support for persons who suffered from leg injuries are made to ensure the safety after sometime we have to assist and control the motion of the leg to ensure rejoining of the bones in the leg as fast as it could be for faster recovery. Hence this system is used to provide both assistance to them and also to provide them with real time intimation at those instant if any problems are identified. It is

provide both assistance to them and also to provide them with real time intimation at those instant if any problems are identified. It is progressed through the help of measuring three important parameters like pressure, bending range of the toe and also height of lifting from the ground. This will help for those who injured at hip joints and also the fractures.

No. of Pages : 10 No. of Claims : 1

(21) Application No.2895/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :13/06/2014

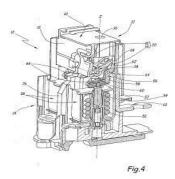
(43) Publication Date : 22/01/2016

(51) International classification	:H01H	(71)Name of Applicant :
(31) Priority Document No	:1355843	1)SCHNEIDER ELECTRIC INDUSTRIES SAS
(32) Priority Date	:20/06/2013	Address of Applicant :35, rue Joseph Monier, F-92500 Rueil
(33) Name of priority country	:France	Malmaison, France France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BERTRAND, Mickael
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : TRIP UNIT AND METHOD FOR PRODUCING ONE SUCH TRIP DEVICE

(57) Abstract :

The trip unit (10) according to the invention is capable of being connected to a circuit breaker and includes a first block (12) and a second block (14). The first block (12) comprises a first case (16) and a circuit breaker trip member (20) accessible from outside the first case (16). The second block (14) comprises a second case (26) and at least one member (28) for detecting an electric fault. Each detecting member (28) is positioned inside the second case (26) and includes at least one moving element (56) that comprises a contact end (62), capable of being moved toward the trip member (20), when it detects an electric fault. The first block (12) and the second block (14) are two distinct blocks relative to one another and the first case (16) and the second case (26) are capable of being mechanically assembled to one another in an assembled configuration of the trip unit (10). Each contact end (62) is capable of mechanically cooperating with the trip member (20), such that the trip member (20) is capable of tripping the circuit breaker in the assembled configuration of the trip unit, when the corresponding detecting member (28) detects an electric fault. Figure 4



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

(21) Application No.4210/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :05/06/2014

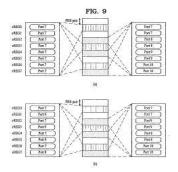
(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSMITTING CONTROL INFORMATION IN WIRELESS COMMUNICATION SYSTEM

(51) International classification (31) Priority Document No	:H04J11/00,H04B7/26 :61/559139	(71)Name of Applicant : 1)LG ELECTRONICS INC.
(32) Priority Date	:13/11/2011	Address of Applicant :20 Yeouido dong Yeongdeungpo gu
(33) Name of priority country	:U.S.A.	Seoul 150 721 Republic of Korea
(86) International Application No	:PCT/KR2012/009544	(72)Name of Inventor :
Filing Date	:13/11/2012	1)SEO Inkwon
(87) International Publication No	:WO 2013/070050	2)SEO Hanbyul
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)KIM Hakseong
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for enabling a base station to transmit control information in a wireless communication system according to one embodiment of the present invention comprises a step of transmitting an enhanced physical downlink channel (E PDCCH) for a terminal using at least one physical resource block pair among a plurality of physical resource block pairs for transmitting the E PDCCH wherein the plurality of physical resource block pairs include one or more physical resource block pair sets and a parameter related to a demodulation reference signal for the E PDCCH is set with respect to each physical resource block pair set.



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

(21) Application No.4211/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :05/06/2014

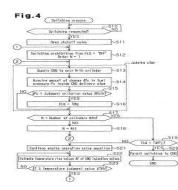
(43) Publication Date : 22/01/2016

(54) Title of the invention : FUEL SUPPLY CONTROL APPARATUS FOR BI FUEL INTERNAL COMBUSTION ENGINE AND METHOD OF SWITCHING FUEL IN BI FUEL INTERNAL COMBUSTION ENGINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (27) Lucation I Debugging and the second se	1	 1)AISAN KOGYO KABUSHIKI KAISHA Address of Applicant :1 1 Kyowa cho 1 chome Obu shi Aichi 4748588 Japan 2)TOYOTA JIDOSHA KABUSHIKI KAISHA (72)Name of Inventor : 1)TSUTSUI Daisuke 2)ONISHI Akito
(87) International Publication No	:WO 2013/080935	3)KOMODA Takao
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

When switching the fuel used for engine operation from gasoline to CNG CNG is supplied experimentally to a cylinder of interest with the other cylinders supplied with gasoline and it is determined whether CNG was supplied to the cylinder of interest on the basis of the amount of change (Pc) of fuel pressure in a CNG delivery pipe (step S13 to step S16). When it is determined that all of the cylinders were supplied with the gaseous fuel (step S19: YES) the fuel used for engine operation is switched from the liquid fuel to the gaseous fuel (step S20).



No. of Pages : 51 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :06/06/2014

(21) Application No.2793/CHE/2014 A

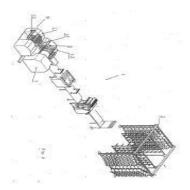
(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND DEVICE FOR PRODUCING A SET OF AT LEAST TWO SECTIONAL WARP BEAMS FOR A WARP-KNITTING PROCESS

(51) International classification	:D04B	(71)Name of Applicant :
	:14 165	1)KARL MAYER Textilmaschinenfabrik GmbH
(31) Priority Document No	181.0	Address of Applicant :of Brühlstrasse 25, 63179
(32) Priority Date	:17/04/2014	Obertshausen, Germany Germany
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:NA	1)FUHR, Martin
Filing Date	:NA	2)KOHN, Roland
(87) 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 method and a device for producing a set of at least two sectional warp beams for a warp-knitting process are provided. Here, threads from a thread source are wound unto sectional warp-beam cores. The object is to be able to produce the set of sectional warp beams in a cost-effective manner. To this end, it is provided that the threads (4), prior to being wound onto the sectional warp-beam cores (10), are wound onto a warping drum (6) of a warping device (7) and then rebeamed onto the sectional warp-beam cores (10). Fig. 2



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

(19) INDIA

(22) Date of filing of Application :12/06/2014

(54) Title of the invention : A HIGH SPEED BORROW SELECT 16-BIT SUBTRACTOR

(43) Publication Date : 22/01/2016

:G06F (71)Name of Applicant : (51) International classification (31) Priority Document No **1)VIT UNIVERSITY CHENNAI** :NA (32) Priority Date :NA Address of Applicant :VANDALUR-KELAMBAKKAM, (33) Name of priority country ROAD, CHENNAI - 600 127 Tamil Nadu India :NA (86) International Application No (72)Name of Inventor: :NA Filing Date **1)AMIT MARUTI KUNJIR** :NA 2)V.S. KANCHANA BHAASKARAN (87) 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 subtracter circuit component is widely used in digital circuits and systems that involve arithmetic operations, computing and digital signal processing. This paper presents a novel 16-bit Borrow Select Subtractor (BSLS) designed for high speed and low power operation capability. Subtractor designs for both the unsigned and signed binary operations have been realized, through the novel barrow select architecture, which independently generates the bit differences, without and with borrow from the previous bit position and selecting the correct difference using the previous borrow bit as a select line of a multiplexer. A Binary to Excess-1 Code Converter (BEC) is employed to reduce the device count of the circuits. To validate the circuit design, a 16-bit BSLS architecture has been developed and compared with the conventional Ripple Borrow Subtractor (RBS) for unsigned operation, and with the subtraction using addition by twos complement method for the operation of BSLS for signed numbers. The proposed architecture, with a moderately increased number of devices in the circuit. The performance analyses of the designs are made using 90nm CMOS process technology library files.

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

(21) Application No.4056/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :30/05/2014

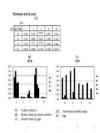
(43) Publication Date : 22/01/2016

(54) Title of the invention : CULTURE MEDIUM COMPOSITION FOR REJUVENATING STEM 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 	:PCT/KR2012/010380 :03/12/2012 :WO 2013/081436 :NA :NA	 (71)Name of Applicant : 1)K STEMCELL CO. LTD. Address of Applicant :10 Gukhoe daero 76 gil Yeongdeungpo gu Seoul 150 870 Republic of Korea (72)Name of Inventor : 1)KANG Sung Keun 2)RA Jeong Chan 3)PARK Hyeong Geun 4)LEE Hang Young
Filing Date	:NA	

(57) Abstract :

The present invention relates to a culture medium composition for rejuvenating stem cells and more specifically relates to a culture medium composition for culturing stem cells in order to make stem cells collected from an elderly individual have characteristics similar to those of the stem cells of a young individual and relates to a method for rejuvenating stem cells wherein stem cells derived from an elderly individual are cultured in the culture medium composition. The present invention makes it possible for even mesenchymal stem cells collected from elderly patients aged 60 or older to be made into young mesenchymal stem cells having high potency telomerase activity high stem cell marker expression ability and the like and makes it possible to dramatically improve the efficacy of cell treatment using mesenchymal stem cells.



No. of Pages : 40 No. of Claims : 8

(21) Application No.4263/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :09/06/2014

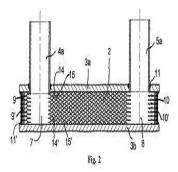
(43) Publication Date : 22/01/2016

(54) Title of the invention : PLATE HEAT EXCHANGER AND METHOD FOR MANUFACTURING A PLATE HEAT EXCHANGER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication N (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:NA :NA :NA	 (71)Name of Applicant : 1)VAHTERUS OY Address of Applicant :Pruukintie 7 FI 23600 Kalanti Finland (72)Name of Inventor : 1)HEINIÖ Tapio
	:NA :NA	

(57) Abstract :

The invention relates to a plate heat exchanger which comprises a plate pack formed by corrugated heat exchange plates with openings for the flow of a first and a second heat exchange medium. The outer shell of the plate heat exchanger (1) has been formed by arranging separate strips $(9\ 9\)$ in the outer edge of the plate pack (2) so that the outer surfaces of the strips $(9\ 9\)$ are substantially in the same plane with the outer edges of the heat exchange plates (6 6) and by welding the strips (9 9) and the outer edges of the heat exchange plates (6 6) to each other.



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

(21) Application No.4149/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :03/06/2014

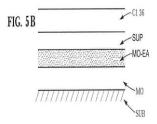
(43) Publication Date : 22/01/2016

(54) Title of the invention : IMPROVED INTERFACE BETWEEN A I/III/VI2 LAYER AND A BACK CONTACT LAYER IN A PHOTOVOLTAIC CELL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:H01L 31/00 :11 61172 :05/12/2011 :France :PCT/FR2012/052703	 (71)Name of Applicant : 1)NEXCIS Address of Applicant :190 Avenue CÃlestin Coq Zone Industrielle F 13106 Rousset France (72)Name of Inventor :
Filing Date	:22/11/2012	1)ANGLE StÃphanie
(87) International Publication No	:WO 2013/083897	2)PARISSI Ludovic
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

22The invention relates to a process for manufacturing a I/III/VI layer having photovoltaic properties comprising: depositing a metal on a substrate in order to form a contact layer; depositing a precursor of the photovoltaic layer on the contact layer; and carrying out a heat treatment on the precursor while supplying the Group VI element in order to form the I/III/VI layer. The Group VI element customarily diffuses into the contact layer (MO) during the heat treatment and combines with the metal to form a surface layer (SUP) on the contact layer. In the process of the invention the metal deposition comprises a step in which an additional element is added to the metal in order to form a compound (MO EA) in the contact layer this compound acting as a barrier to diffusion of the Group VI element thereby making it possible to closely control the properties especially the thickness of the surface layer.



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

(21) Application No.4271/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :09/06/2014

(43) Publication Date : 22/01/2016

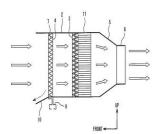
(54) Title of the invention : AIR INTAKE DEVICE FOR FUEL CELL VEHICLE

(31) Priority Document No(32) Priority Date	:B60L11/18,B60K1/04,B60K8/00 :2012063695 :21/03/2012	1)SUZUKI MOTOR CORPORATION Address of Applicant :300 Takatsuka cho Minami ku
(33) Name of priority country(86) International Application	:Japan	Hamamatsu shi Shizuoka 4328611 Japan (72) Name of Inventor :
No Filing Date	:PCT/JP2013/056352 :07/03/2013	1)IKEYA Kengo 2)MATSUMOTO Shiro
(87) International Publication No	:WO 2013/141040	3)DAVIES Damian Patrick 4)GRANGE Nathan
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided is a cooling structure for vehicle electrical components that is capable of solving various problems due to water contained in intake air. Air used in an electricity generation reaction and air necessary for self cooling is supplied to a fuel cell stack (11) via an intake duct (2). Dust and chemical substances in the air are removed by a dust/chemical substance filter (3) provided on the fuel cell stack (11) side within the intake duct (2). Furthermore air and water are primarily separated by a water filter (4) provided in the intake duct (2) upstream by a prescribed distance in the air flow direction from the dust/chemical substance filter (3). Therefore water in the intake air does not reach the dust/chemical substance filter (3) and the fuel cell stack (11) and various problems due to water contained in the intake air can be solved.

FIG. 6



No. of Pages : 21 No. of Claims : 6

(21) Application No.4272/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :09/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : TARGETED IDURONATE 2 SULFATASE COMPOUNDS

 (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 	¹ :PCT/CA2012/050865 :30/11/2012 :WO 2013/078562 :NA :NA	 (71)Name of Applicant : 1)ANGIOCHEM INC. Address of Applicant :201 President Kennedy Avenue Suite PK 2880 Montreal QuÃbec H2X 3Y7 Canada (72)Name of Inventor : 1)BOIVIN Dominique 2)CASTAIGNE Jean Paul 3)DEMEULE Michel 4)TRIPATHY Sasmita 5)CURRIE Jean Christophe 6)LORD DUFOUR Simon
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(57) Abstract :

The present invention is related to a compound that includes a lysosomal enzyme and a targeting moiety for example where compound is a fusion protein including iduronate 2 sulfatase and Angiopep 2. In certain embodiments these compounds owning to the presence of the targeting moiety can crossing the blood brain barrier or accumulate in the lysosome more effectively than the enzyme alone. The invention also features methods for treating lysosomal storage disorders (e.g. mucopolysaccharidosis Type II) using such compounds.

No. of Pages : 115 No. of Claims : 91

(21) Application No.4273/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :09/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : TARGETED LYSOSOMAL ENZYME COMPOUNDS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (34) Priority Call (54) Priority Call (57) International Application No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number NA NA 	2)CASTAIGNE Jean paul 3)DEMEULE Michel 4)TRIPATHY Sasmita
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(57) Abstract :

The present invention is related to a compound that includes a lysosomal enzyme and a targeting moiety for example where compound is a fusion protein including iduronate 2 sulfatase and Angiopep 2. In certain embodiments these compounds owning to the presence of the targeting moiety can crossing the blood brain barrier or accumulate in the lysosome more effectively than the enzyme alone. The invention also features methods for treating lysosomal storage disorders (e.g. mucopolysaccharidosis Type II) using such compounds.

No. of Pages : 139 No. of Claims : 32

(21) Application No.4274/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :09/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : DISPLAY BACKLIGHT MODULATION

 (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 	:G02F1/1333,G02F1/13357 :NA :NA :NA :PCT/US2011/067724 :29/12/2011 :WO 2013/101021 :NA :NA	 (71)Name of Applicant : 1)INTEL CORPORATION Address of Applicant :2200 Mission College Boulevard Santa Clara California 95052 U.S.A. (72)Name of Inventor : 1)ZHANG Yanli 2)TAKAGI Akihiro Aki 3)BHOWMIK Achintya Achin 4)NANDURI Anil
Filing Date (62) Divisional to Application Numbe		
Filing Date	:NA	

(57) Abstract :

An apparatus may include a backlight for illuminating a liquid crystal display and a control module for controlling the illumination of the backlight. The control module may alternate between turning the backlight on and off at a first frequency and turning the backlight on and off at a second frequency.

*∞Λ

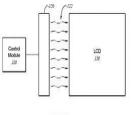


Fig. 1A

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

(19) INDIA

(22) Date of filing of Application :27/05/2014

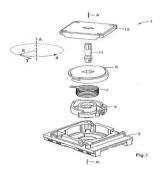
(43) Publication Date : 22/01/2016

(21) Application No.3982/CHENP/2014 A

(54) Title of the invention : ROTARY S	WITCH 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 	:H01H19/11,H01H19/24 :NA :NA :NA :PCT/EP2011/071212 :28/11/2011 :WO 2013/079091 :NA :NA :NA :NA	 (71)Name of Applicant : EWAC HOLDING B.V. Address of Applicant :Hekendorpstraat 69 NL 3079 DX Rotterdam Netherlands (72)Name of Inventor : REDDERING Maarten Willem LUSSE Patrick A. WEBER Ronald Christiaan

(57) Abstract :

An indexing system (1) for a rotary switch comprises a housing (3; 13) a driving part (9) and a driven part (5) both being coupled to the housing for rotation with respect to the housing and with respect to each other about an axis of rotation (A). The housing and the driven part comprise cooperating first and second indexing means (119A 119B; 33 35) defining one or more relative angular positions. The indexing means comprise at least one first indexing member extending generally tangentially and/or azimuthally with respect to the axis of rotation and being at least partly reversibly movable between a first and a second radial position. In the first radial position the indexing means cooperate to block relative rotation of the housing and the driven part about the axis of rotation and in the second radial position the indexing means allow relative rotation of the housing and the driven part about the axis of rotation.



No. of Pages : 36 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :30/05/2014

(21) Application No.4080/CHENP/2014 A

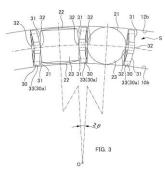
(43) Publication Date : 22/01/2016

(34) The of the Invention . CROSS ROLL	LEK BEAKING	
(51) International classification	:F16C	(71)Name of Applicant :
(31) Priority Document No	:2011264795	1)SANKYO SEISAKUSHO CO.
(32) Priority Date	:02/12/2011	Address of Applicant :37 3 Tabata Shinmachi 3 chome Kita k
(33) Name of priority country	:Japan	Tokyo 1140012 Japan
(86) International Application No	:PCT/JP2012/080747	(72)Name of Inventor :
Filing Date	:28/11/2012	1)DASSANAYAKE Muditha
(87) International Publication No	:WO 2013/081008	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : CROSS ROLLER BEARING

(57) Abstract :

The present invention relates to a cross roller bearing in which an inner member and an outer member rotate and which comprises an inner side V groove provided in an annular shape along an outer circumferential surface of the inner member to have an opened V shape toward the outer member side and an outer side V groove which is provided in the annular shape along an inner circumferential surface of the outer member to oppose the inner V groove and have the opened V shape toward the inner member side. A plurality of rolling elements rolling in contact with the inner side V groove and the outer side V groove and having a cylindrical shape are interposed and the rolling axes of the rolling elements adjacent to each other from among the plurality of rolling elements are made orthogonal to each other. Between the rolling elements connected to each other a retainer is interposed which comprises a planar portion whose central portion projects at a portion facing the rolling element to be capable of coming into contact with the rolling element and an inclined portion whose amount of projection decreases from the planar portion to an end portion.



No. of Pages : 27 No. of Claims : 7

(21) Application No.4181/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :04/06/2014

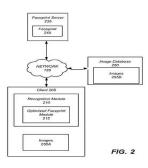
(43) Publication Date : 22/01/2016

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:61/569171 :09/12/2011 :U.S.A.	 (71)Name of Applicant : 1)VIEWDLE INC. Address of Applicant :600 North US Highway 45 Libertyville Illinois 60048 U.S.A. (72)Name of Inventor :
 (60) International Application No (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:10/12/2012 :WO 2013/086492 :NA :NA :NA :NA	1)KOVTUN Ivan 2)KYYKO Volodymyr 3)MUSATENKO Yuriy S. 4)MITURA Michael Jason 5)GIL Laurent

(54) Title of the invention : FACEPRINT GENERATION FOR IMAGE RECOGNITION

(57) Abstract :

A server determines a plurality of faceprints representing a plurality of users to be recognized at a client device. Each faceprint contains a number of reference images for a given user that are used to recognize facial images of the user detecting in media captured at the client device. The faceprints delivered to the client device are determined for the client device based on the users likely to be detected in images captured at the client device. The reference images with a given faceprint delivered to the client device are selected by the server based on their recognition value in identifying the users likely to be detected in images captured at the client device.



No. of Pages : 39 No. of Claims : 14

(21) Application No.4282/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :09/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : ENCRYPTED COMMUNICATION SYSTEM ENCRYPTED COMMUNICATION DEVICE COMPUTER PROGRAM AND ENCRYPTED COMMUNICATION 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 	:NA :NA :NA	 (71)Name of Applicant : 1)Mitsubishi Electric Corporation Address of Applicant :7 3 Marunouchi 2 chomeChiyoda ku Tokyo 1008310 Japan (72)Name of Inventor : 1)YAMAGUCHI Teruyoshi 2)KOBAYASHI Nobuhiro 3)MURAKAMI Yumiko 4)SATO Tsuneo
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An administration device (100) stores a master key and data for temporary key generation and periodically updates the data for temporary key generation. The administration device (100) generates a temporary key from the master key and the data for temporary key generation and notifies an encrypted communication device (200) of the temporary key and the data for temporary key generation. The encrypted communication device (200) notifies an encrypted communication device (300) of the data for temporary key generation and uses the temporary key for encrypted communication with the encrypted communication device (300). The encrypted communication device (300) stores the master key and data for verification and periodically updates the data for verification. The encrypted communication device (300) uses the data for verification to verify the data for temporary key generation which is notified thereto from the encrypted communication device (200) and uses the temporary key which is generated from the master key and the data for temporary key generation. The encrypted communication device (200) and uses the temporary key which is generated from the master key and the data for temporary key generation for encrypted communication with the encrypted communication device (200).

No. of Pages : 179 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :06/06/2014

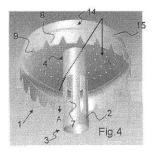
(21) Application No.2785/CHE/2014 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : FLUID DISTRIBUTI	ON 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 	:B65D :13/55.365 :11/06/2013 :France :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)AXENS Address of Applicant :of 89 Bd Franklin Rossevelt , B.P. 50802, 92508 RUEIL MALMAISON, Cedex, France France (72)Name of Inventor : 1)LE COZ, Jean-François 2)FERRE, Daniel 3)COLLADO, Cyril

(57) Abstract :

The invention concerns a fluid distribution device (1) comprising: at least one inlet tube (2) comprising openings (7) and having a first and a second end (3, 4); a cap (5) comprising a principal body (6) with a lenticular shape and with a circular section elongated by a skirt (8) extending in the direction of the second end (4) towards the first end (3) of the inlet tube (2), said cap (5) having an outer surface and an inner surface, the cap being integral with the second end (4) of the tube via the inner surface and the principal body (6) being provided with a plurality of holes (10); and in which the cap (5) comprises at least one deflection means (14) disposed on its outer surface and configured to direct or maintain the gas towards or at the periphery of said cap (5). Fig.4



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

(19) INDIA

(22) Date of filing of Application :12/06/2014

(21) Application No.2860/CHE/2014 A

(43) Publication Date : 22/01/2016

(51) International classification	:H01H	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SCHNEIDER ELECTRIC INDUSTRIES SAS
(32) Priority Date	:NA	Address of Applicant : of 35, rue Joseph Monier, F-92500
(33) Name of priority country	:NA	Rueil Malmaison, France; a French company France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Dhairyshil Desai
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : ELECTRODE ASSEMBLY FOR A CIRCUIT BREAKER

(57) Abstract :

An electrode assembly has a mobile electrode with a mobile contact assembled to move back and forth on an end plate. A fixed electrode placed opposite to the mobile electrode, with a fixed contact and assembled on end plate. A ceramic shell constructed to close with the end plates to create a vacuum inside the shell. The mobile electrode is guided by bellows which is surrounded by an arc shield. The core of the mobile electrode is made of copper-cadmium alloy having 98-99% of copper and 0.1-1.5% of cadmium, and the outer section of said mobile electrode is made of copper. During impact, when mobile contact closes on fixed contact the outside copper section of mobile electrode undergoes plastic deformation and the core copper alloy section undergoes elastic deformation.

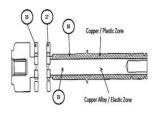


Fig. 4

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

(21) Application No.4031/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :29/05/2014

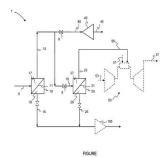
(43) Publication Date : 22/01/2016

(54) Title of the invention : PROCESS AND APPARATUS FOR PRODUCING OXYGEN AND NITROGEN USING ION TRANSPORT MEMBRANES

(51) International classification	:C01B13/02,C01B21/04	(71)Name of Applicant :
(31) Priority Document No	:61/770761	1)AIR PRODUCTS AND CHEMICALS INC.
(32) Priority Date	:28/02/2013	Address of Applicant :7201 Hamilton Boulevard Allentown
(33) Name of priority country	:U.S.A.	PA 18195 1501 U.S.A.
(86) International Application No	:PCT/US2014/018848	(72)Name of Inventor :
Filing Date	:27/02/2014	1)ROLLINS William S.
(87) International Publication No	:WO 2014/134246	2)STEIN VanEric Edward
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Process and apparatus for producing an oxygen product gas and a nitrogen product gas using ion transport membrane assemblies. The apparatus comprises at least two ion transport membrane assemblies and a turboexpander downstream of one of the ion transport membrane assemblies to produce oxygen depleted gas and oxygen product gas. The oxygen depleted gas is divided with a first portion being expanded in the turboexpander and a second portion introduced into a second of the ion transport membrane assemblies. A nitrogen rich product gas and additional oxygen product gas are withdrawn from the second ion transport membrane assembly.



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

ATION I UBLICATION

(21) Application No.4142/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :03/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : APPARATUS AND METHOD FOR SUTURING

 (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 	:61/577038 :18/12/2011 :U.S.A. :PCT/IB2012/002957 :17/12/2012 :WO 2013/093620 :NA :NA	 (71)Name of Applicant : 1)VIA SURGICAL LTD. Address of Applicant :Mitzpe Kineret 22/1 20115 Moshav Amirim Israel (72)Name of Inventor : 1)LEVIN Ofek 2)LEVY Arie 3)LEVIN Lena
Filing Date	:NA	

(57) Abstract :

The invention generally relates to devices and methods for suturing tissue. The invention provides methods and devices for suturing by pushing two ends of a suture through tissue from a proximal side of the tissue and fastening the two ends together on a distal side of the tissue through one operation of a trigger.

Fig 1A Fig

No. of Pages : 56 No. of Claims : 26

(21) Application No.4340/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :11/06/2014

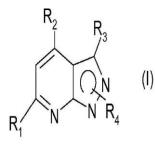
(43) Publication Date : 22/01/2016

(54) Title of the invention : PYRAZOLOPYRIDINE DERIVATIVES PREPARATION PROCESS THEREFOR AND THERAPEUTIC USE THEREOF

(51) Internationalclassification(31) Priority Document No(32) Priority Date	:C07D471/04,A61K31/437,A61P35/00):1161589 :14/12/2011	 (71)Name of Applicant : 1)SANOFI Address of Applicant :54 rue La BoÃtie F 75008 Paris France (72)Name of Inventor :
(33) Name of priority country	:France	1)ALCOUFFE Chantal 2)BJEGARDE Kirsten
(86) International Application No Filing Date	:PCT/EP2012/075328 :13/12/2012	3)MAUGER Jacques
(87) International Publication No	:WO 2013/087744	
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to 	:NA :NA	
Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to FGF inhibiting pyrazolopyrimidine derivatives of general formula (I) to a process for preparing them and to the therapeutic use thereof.



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

(21) Application No.4269/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :09/06/2014

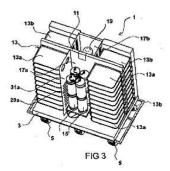
(43) Publication Date : 22/01/2016

(54) Title of the invention : SELF CONTAINED TROLLEY FOR TEMPERATURE CONDITIONING AND DISTRIBUTION OF MEAL TRAYS

(51) International classification	:F25B29/00	(71)Name of Applicant :
(31) Priority Document No	:FR 11 04115	1)COLDWAY
(32) Priority Date	:27/12/2011	Address of Applicant : Lieu dit Patau Route de Rivesaltes F
(33) Name of priority country	:France	66380 Pia France
(86) International Application No	:PCT/FR2012/053052	(72)Name of Inventor :
Filing Date	:21/12/2012	1)RIGAUD Laurent
(87) International Publication No	:WO 2013/098516	2)KINDBEITER Francis
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a self contained trolley for temperature conditioning and distribution of meal trays (13) comprising two compartments separated by an insulating wall (11) namely a compartment for heating called the hot compartment and a compartment for chilling called the cold compartment receiving at least one stack of meal trays arranged so that one part of each meal tray (13) is located in the hot compartment and the other part thereof is located in the cold compartment wherein the heating of the hot compartment and the chilling of the cold compartment are simultaneously obtained by means of a thermochemical system. This trolley is characterised in that said reactor (15) and the evaporator of the thermochemical system are respectively and exclusively arranged in the hot compartment and in that the reactive material used in the thermochemical system consists of a compacted mixture of manganese chloride and expanded natural graphite (ENG) and the gas consists of ammonia. (Fig 3)



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

(21) Application No.4364/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :12/06/2014

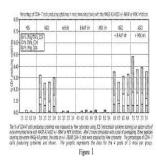
(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD OF TREATING CANCER WITH MAGEA3 IMMUNOTHERAPEUTIC WITH BRAF INHIBITOR AND/OR MEK INHIBITOR

Filing Date 4)LEHMANN Frederic Francois Eugene (87) International :WO 2013/096430 Publication No :NA (61) Patent of Addition to :NA Filing Date :NA (62) Divisional to :NA Application Number :NA Filing Date :NA (62) Divisional to :NA Filing Date :NA	Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:NA :NA :NA	1)GLAXOSMITHKLINE LLC Address of Applicant :Corporation Service Company 2711 Centerville Road Suite 400 Wilmington DE 19808 U.S.A. (72)Name of Inventor : 1)GERARD Catherine Marie Ghislaine 2)LAQUERRE Sylvie 3)LEBOWITZ Peter F. 4)LEHMANN Frederic Francois Eugene
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(57) Abstract :

NNA combination of anti neoplastic agents that provides increased activity over monotherapy or in some cases at least an unexpected lack of negative interaction. In particular the drug combination that includes a MAGE A3 immunotherapeutic in combination with a B Raf inhibitor particularly {3 [5 (2 Amino 4 pyrimidinyl) 2 (1 1 dimethylethyl) 1 3 thiazol 4 yl] 2 fluorophenyl} 2 6 difluorobenzenesulfonamide or a pharmaceutically acceptable salt thereof and/or a MEK inhibitor particularly {3 [3 cyclopropyl 5 (2 fluoro 4 iodo phenylamino)6 8 dimethy; 2 4 7 trioxo 3 4 6 7 tetrahydro 2H pyrido[4 3 d]pyrimidin 1 yl]phenyl}acetamide or a pharmaceutically acceptable.



No. of Pages : 47 No. of Claims : 9

(21) Application No.4365/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :12/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : HIGH STRENGTH STEEL SHEET AND METHOD FOR MANUFACTURING SAME

(31) Priority Document No(32) Priority Date	:C22C38/00,B21B3/00,C21D9/46 :2011284524 :26/12/2011	1)JFE STEEL CORPORATION Address of Applicant :2 3 Uchisaiwai cho 2 chome Chiyoda
(33) Name of priority country(86) International ApplicationNoFiling Date	:Japan :PCT/JP2012/008307 :26/12/2012	ku Tokyo 1000011 Japan (72)Name of Inventor : 1)TAKAGI Shusaku 2)KANEKO Shinjiro
(87) International Publication No	:WO 2013/099235	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

According to the present invention a high strength steel sheet which has a high tensile strength (TS) of 980MPa or higher and which stably exhibits excellent bendability over the whole of the sheet can be obtained. This high strength steel sheet has a prescribed steel composition and a structure wherein: the average ferrite grain diameter is 10μ m or less; the volume fraction of ferrite is 30 to 70%; the total volume fraction of martensite and retained austenite is 10% or less; and the ratio of pairs of adjacent phases such that the nano hardness difference between the adjacent phases of each pair is 4GPa or smaller is 90% or more.

No. of Pages : 33 No. of Claims : 7

(19) INDIA

(21) Application No.4366/CHENP/2014 A

(22) Date of filing of Application :12/06/2014 (43) Publicatio

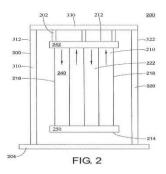
(43) Publication Date : 22/01/2016

(51) International classification	:F24J2/06	(71)Name of Applicant :
(31) Priority Document No	:61/560631	1)BABCOCK & WILCOX POWER GENERATION
(32) Priority Date	:16/11/2011	GROUP INC.
(33) Name of priority country	:U.S.A.	Address of Applicant :20 S. Van Buren Avenue Barberton OH
(86) International Application No	:PCT/US2012/065328	44203 U.S.A.
Filing Date	:15/11/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2013/074821	1)ALBRECHT Melvin J.
(61) Patent of Addition to Application	:NA	2)ALEXANDER Kiplin C
Number	:NA :NA	3)IANNACCHIONE Steven P.
Filing Date	.11/2	4)MARSHALL Jason M
(62) Divisional to Application Number	:NA	5)PERSINGER Justin A.
Filing Date	:NA	6)WASYLUK David T.

(54) Title of the invention : HIGH EFFICIENCY SOLAR RECEIVER

(57) Abstract :

The present disclosure relates in various embodiments to solar receivers that include a central receiver assembly and at least one wing assembly. The wing assembly includes a dual exposure or two sided heat absorption panel and is supported by structural components extending from the central receiver assembly. The heat absorption panels in the central receiver assembly and in the wing assembly may differ in the design and size of their tubing. Disclosed herein in various embodiments is a solar receiver comprising a central receiver assembly and a wing assembly. The central receiver assembly comprises an internal support structure and at least one external central tube panel.



No. of Pages : 46 No. of Claims : 15

(21) Application No.3070/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :09/07/2013

(43) Publication Date : 22/01/2016

(54) Title of the invention : PROCESS FOR THE PREPARATION OF (2A,5Ã,7Ã,10Ã,13A)-4-ACETOXY-13({(2R,3S)-3-[(TERBUTOXYCARBONYL) AMINO]-2-HYDROXY-3-PHENYLPROPANOYL} OXY)-1-HYDROXY-7, 10-DIMETHOXY-9-OXO-5,20-EPOXYTAX-11-EN-2-YL BENZOATE

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MSN LABORATORIES PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :FACTORY: SY.NO.317 & 323,
(33) Name of priority country	:NA	RUDRARAM (VIL), PATANCHERU (MDL), MEDAK (DIST) -
(86) International Application No	:NA	502 329 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SRINIVASAN THIRUMALAI RAJAN
(61) Patent of Addition to Application Number	:NA	2)MUPPA KISHORE KUMAR
Filing Date	:NA	3)NIMMALA SRINIVAS RAO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process for the preparation of (2a,5P,7P,10p,13a)-4-acetoxy-13-({(2R,3S)-3-

 $[(tert but oxy carbony l) a mino] - 2 - hydroxy - 3 - phenyl propanoy l\} oxy) - l - hydroxy - 7, 10 - dimethoxy - 9 - oxo - 5, 20 - epoxy tax - ll - en - 2 - yl benzoate compound of formula - 1.$

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

(21) Application No.4265/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :09/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : PROCESS FOR WORKING UP A REACTION MIXTURE COMPRISING POLYETHER POLYOL

 (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 	:PCT/EP2012/075411 :13/12/2012	 (71)Name of Applicant : BASF SE Address of Applicant :67056 Ludwigshafen Germany (72)Name of Inventor : CHILEKAR Vinit VOÃ Hartwig KUHN Jelan DE COLVENAER Ann BRODHAGEN Andreas
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a process for working up a reaction mixture (5) comprising polyetherol and dissolved alkali metal comprising catalyst wherein at least alkali metal ions of the dissolved alkali metal comprising catalyst are partially or completely removed from the mixture by a membrane separation process the process comprising following steps: (a) feeding the reaction mixture (5) comprising polyetherol and dissolved alkali metal comprising catalyst into a first chamber (1) of a separation unit (3) (b) feeding a solvent into a second chamber (7) of the separation unit (3) the first chamber (1) and the second chamber (7) being separated by a membrane (9) (c) transporting at least the alkali metal ions of the alkali metal comprising catalyst from the first chamber (1) into the second chamber by passing through the membrane (9).



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

(19) INDIA

(22) Date of filing of Application :09/06/2014

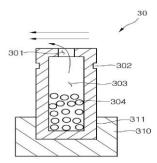
(21) Application No.4266/CHENP/2014 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : AIR CONDI	ΓIONER	
 (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 	:F24F1/00,F24F13/08 :1020110128239 :02/12/2011 :Republic of Korea	 (71)Name of Applicant : 1)LG ELECTRONICS INC. Address of Applicant :20 Yeouido dong Yeongdeungpo gu Seoul 150 721 Republic of Korea (72)Name of Inventor : 1)LEE Sunghwa 2)JEON Hooncheol 3)JUNG Yeekyeong 4)PARK Hyungho

(57) Abstract :

Provided is an air conditioner. The air conditioner includes a suction hole suctioning indoor air a heat exchanger disposed on a side of the suction hole a discharge hole discharging air heat exchanged in the heat exchanger and an insect eradication module supplying an insect eradication repellent into the indoor air discharged through the discharge hole. The insect eradication module includes a storage member storing the insect eradication repellent and a switching member disposed on a side of the storage member to selectively open and close the storage member.



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

(21) Application No.4268/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :09/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : MACHINE PART ROLLING BEARING CONICAL ROLLER BEARING AND METHOD FOR MANUFACTURING MACHINE PART

(31) Priority Document No(32) Priority Date(33) Name of priority country	:C21D9/40,C21D1/06,C22C38/00 :2011268922 :08/12/2011 :Japan	1)NTN CORPORATION Address of Applicant :3 17 Kyomachibori 1 chome Nishi ku Osaka shi Osaka 5500003 Japan
 (86) International Application No Filing Date (87) International Publication No 	:PCT/JP2012/081337 :04/12/2012 :WO 2013/084864	 (72)Name of Inventor : 1)SATO Daisuke 2)OHKI Chikara 3)UENO Takashi 4)KUSUMI Yasutaka
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA	
Filing Date	:NA	

(57) Abstract :

An outer ring (11) an inner ring (12) and a ball (13) each being a machine part formed of a steel which comprises 0.60 1.50 mass% inclusive of carbon 0.15 2.50 mass% inclusive of silicon 0.30 1.50 mass% inclusive of manganese 0.20 2.00 mass% inclusive of chromium and the balance impurities wherein: the nitrogen concentrations in surface parts (11B 12B 13B) under an outer ring rolling surface (11A) an inner ring rolling surface (12A) and a ball rolling surface (13A) each rolling surface being a contact surface that is to be in contact with another part are each 0.3 mass% or more; and the overall average contents of retained austenite in the outer ring (11) the inner ring (12) and the ball (13) are each 20 vol% or less.

No. of Pages : 70 No. of Claims : 19

(21) Application No.2781/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :06/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : 1H-1, 8-NAPHTHYRIDIN-2-ONES AS ANTIPROLIFERATIVE COMPOUNDS

(51) International classification:C07(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NAFiling Date:NAFiling Date:NAFiling Date:NAFiling Date:NAFiling Date:NAFiling Date:NAKo:NAFiling Date:NAFiling Date:NAFiling Date:NAFiling Date:NAFiling Date:NAFiling Date:NAFiling Date:NAFiling Date:NAFiling Date:NAFiling Date:NA	 (71)Name of Applicant : (71)NATCO PHARMA LIMITED Address of Applicant :NATCO HOUSE, ROAD NO. 2, BANJARA HILLS, HYDERABAD - 500 033 Andhra Pradesh India (72)Name of Inventor : 1)KOMPELLA AMALA 2)GAMPA VENUGOPALA KRISHNA 3)GANGANAMONI SRINIVASULU 4)SIRIGIREDDY BALAKRISHNA REDDY 5)ADIBHATLA KALISATYA BHUJANGA RAO 6)NANNAPANENI VENKAIAH CHOWDARY
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(57) Abstract :

1H-1, 8-NAPHTHYRIDIN-2-ONES AS ANTIPROLIFERATIVE COMPOUNDS The present invention relates to novel antiproliferative 1H-1, 8-naphthyridin-2-ones of the general formula (I) or pharmaceutically acceptable salts thereof: In which the variable groups are as defined herein, and their preparation and use in therapeutic treatment of disorders related to inhibition of tyrosine kinases in warm blooded animals. The compounds can overcome imatinib induced drug resistance.

No. of Pages : 51 No. of Claims : 10

(21) Application No.4338/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :11/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : PRODUCTION OF ZINC OXIDE COATED POWDERS

(51) International classification	:C09C1/00,C09C1/02,C09C1/28	(71)Name of Applicant :
(31) Priority Document No	:11194077.1	1)UMICORE
(32) Priority Date	:16/12/2011	Address of Applicant :Rue du Marais 31 B 1000 Brussels
(33) Name of priority country	:EPO	Belgium
(86) International Application No	D:PCT/EP2012/075518	(72)Name of Inventor :
Filing Date	:14/12/2012	1)KUSTERS Stijn
(87) International Publication No.	:WO 2013/087830	2)ZIJLEMA Tjakko
(61) Patent of Addition to	:NA	3)NEYENS Steven
Application Number	:NA	
Filing Date	.NA	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date		

(57) Abstract :

33This disclosure concerns the production of ZnO (zinc oxide) coated particles for use in rubber as a substitute for bulk ZnO particles. Compared to bulk oxide oxide coated particles offer the advantage of a higher specific surface per mass unit of ZnO. This implies both ecological and economical benefits. An enhanced process is presented for the synthesis of aggregate particles comprising a core of CaCO which is at least partially coated with ZnO comprising the steps of: heating a metallic Zn bath thereby evaporating Zn and forming a Zn vapor atmosphere; injecting CaCO particles as core compound in the Zn vapor atmosphere; injecting air in the Zn vapor atmosphere in an amount in excess of the stoechiometric need for the oxidation of the Zn vapor to ZnO. This process is clean and sustainable producing no unnecessary phases.

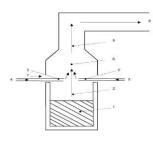


Fig. 1

No. of Pages : 10 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :11/06/2014

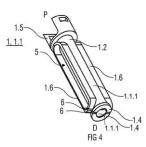
(21) Application No.4339/CHENP/2014 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : SYRINGE CA	ARRIER	
 (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 	:A61M5/32 :11192585.5 :08/12/2011 :EPO :PCT/EP2012/074466 :05/12/2012 :WO 2013/083613 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SANOFI AVENTIS DEUTSCHLAND GMBH Address of Applicant :BrüningstraÃe 50 65929 Frankfurt am Main Germany (72)Name of Inventor : 1)HOURMAND Yannick 2)JENNINGS Douglas Ivan 3)EKMAN Matthew

(57) Abstract :

Described is a syringe carrier (1) comprising a body (1.1) adapted to receive a barrel (2.1) of a syringe (2). The body (1.1) includes two sections (1.1.1) having distal ends with shoulder sections (1.4). The shoulder sections (1.4) are adapted to engage a circumferential gap between the barrel 2.1 of the syringe (2) and a needle shield (4) covering a needle (3) of the syringe (2).



No. of Pages : 35 No. of Claims : 15

(21) Application No.4048/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :29/05/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : AUTONOMOUS NETWORK STREAMING (51) International classification :G06F9/06,G06F9/44,G06F15/16 (71)Name of Applicant : (31) Priority Document No 1)MICROSOFT CORPORATION :13/327695 (32) Priority Date :15/12/2011 Address of Applicant :One Microsoft Way Redmond (33) Name of priority country Washington 98052 6399 U.S.A. :U.S.A. (86) International Application (72)Name of Inventor: :PCT/US2012/068055 **1)MORGAN Peter Aziz** No :06/12/2012 Filing Date (87) International Publication No:WO 2013/090101 (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

Embodiments are directed to dynamically delivering virtual software applications and to allocating application data between local and network data stores. In one scenario a computer system establishes a data input/output (I/O) filter configured to intercept data file requests being sent from a virtual software application to an operating system s file system. The data I/O filter intercepts a data file read request that is configured to retrieve a specified data file from the file system. The data I/O filter forwards the intercepted read request to a network accessible data store that is configured to return the specific data file. Then upon receiving the specified data file from the network data store the I/O filter sends the specified data file to the virtual software application. In this manner the specified data file is usable by the virtual application.

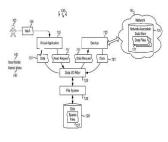


Figure 1

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

(21) Application No.6797/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/08/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : NOVEL PIPERAZINES AS ANTIMALARIAL AGENTS

 (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 	:C07D 213/56, A61K 31/495, A61K 31/496 :PCT/IB2010/050022 :05/01/2010 :PCT :PCT/IB2011/050009 :10/05/2010 :W0/2011/083413 A1	Address of Applicant :GEWERBESTRASSE 16, CH- 4123 ALLSCHWIL. Switzerland (72)Name of Inventor : 1)AISSAOUI, HAMED
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

A compound of the formula I: -2-- w- J-N%1 Formula Iwherein \bigstar XisCHorN; R1 represents -N02, -N(CH3)2, or-

NCH3(CH2CH2OH); and R2 represents hydrogen, methyl, ethyl, n-propyl, isopropyl, tert-butyl, cyano, halogen, methoxy, ethoxy, n-propoxy, isopropoxy, trifluoromethyl, difluoromethoxy, methylsulfonyl, acetylamino; or \bigstar X is CH, R1 is hydrogen, and R2 is ethyl, isopropyl, tert-butyl, ethoxy, n-propoxy, isopropoxy, methylsulfonyl, acetylamino, or methoxycarbonyl; or \bigstar X is CH, R1 is cyano, and R2 is ethyl, isopropyl, tert-butyl, ethoxy, n-propoxy, isopropoxy, trifluoromethyl, difluoromethoxy, trifluoromethoxy, methylsulfonyl, or acetylamino; or \bigstar X is CH, R1 is chloro, and R2 is ethyl, isopropyl, tert-butyl, ethoxy, n-propoxy, isopropoxy, trifluoromethyl, difluoromethoxy, trifluoromethoxy, methylsulfonyl, or acetylamino; or \bigstar X is CH, R1 is chloro, and R2 is ethyl, isopropyl, tert-butyl, ethoxy, n-propoxy, difluoromethoxy, methylsulfonyl, or acetylamino; or \bigstar X is CH, R1 is methoxy or isopropoxy, and R2 is trifluoromethyl; or \bigstar X is CH, R1 is CH, R1 is methoxy or isopropoxy, and R2 is trifluoromethyl; or \bigstar X is CH, R1 is methoxy or isopropoxy, and R2 is trifluoromethyl; or \bigstar X is CH, R1 is methoxy or isopropoxy, and R2 is trifluoromethyl; or \bigstar X is CH, R1 is methoxy or isopropoxy, and R2 is trifluoromethyl; or \bigstar X is CH, R1 is methoxy or isopropoxy, and R2 is trifluoromethyl; or \bigstar X is CH, R1 is methoxy, n-propoxy, isopropoxy, or difluoromethoxy; or a salt of such a compound.

No. of Pages : 49 No. of Claims : 25

(21) Application No.4084/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :30/05/2014

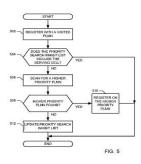
(43) Publication Date : 22/01/2016

(51) International classification	:H04W48/16	(71)Name of Applicant :
(31) Priority Document No	:61/554240	1)BLACKBERRY LIMITED
(32) Priority Date	:01/11/2011	Address of Applicant :2200 University Avenue East Waterloo
(33) Name of priority country	:U.S.A.	Ontario N2K 0A7 Canada
(86) International Application No	:PCT/US2012/062805	2)RESEARCH IN MOTION LIMITED
Filing Date	:31/10/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2013/067014	1)AL KHUDAIRI Abdul Munem
(61) Patent of Addition to Application	:NA	2)DWYER Johanna Lisa
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : PUBLIC LAND MOBILE NETWORK PLMN SELECTION

(57) Abstract :

Methods and apparatus for network searching are disclosed. An example method is performed by a mobile device related to public land mobile network PLMN selection the method comprising registering with a visited PLMN (502) determining whether a priority search inhibit list includes a cell global identity of a serving cell (504) dependent at least in part on determining that the priority search inhibit list does not include the cell global identity of the serving cell and dependent at least in part on a priority search period searching for a second PLMN having a higher priority than the visited PLMN (506) and dependent at least in part on the searching being unsuccessful (508) adding the cell global identity of the serving cell to the priority search inhibit list (512).



No. of Pages : 49 No. of Claims : 39

(21) Application No.4085/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :30/05/2014

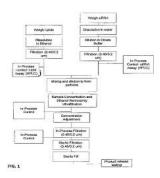
(43) Publication Date : 22/01/2016

(51) International classification :A61K9/127 (71)Name of Applicant : (31) Priority Document No **1)NITTO DENKO CORPORATION** :61/556124 (32) Priority Date :04/11/2011 Address of Applicant :1 1 2 Shimohozumi Ibaraki Osaka 567 (33) Name of priority country 8680 Japan :U.S.A. (86) International Application No :PCT/IB2012/003109 (72)Name of Inventor : Filing Date :02/11/2012 1)KNOPOV Victor 2)WITTE Richard P. (87) International Publication No :WO 2013/093648 (61) Patent of Addition to Application 3)KARMALI Priya :NA Number 4)LEE Robin :NA 5)WEBB David Filing Date (62) Divisional to Application Number :NA 6)AKOPIAN Violetta Filing Date :NA

(54) Title of the invention : METHOD OF PRODUCING LIPID NANOPARTICLES FOR DRUG DELIVERY

(57) Abstract :

What is described is a method for preparing a liposome that efficiently encapsulates a negatively charged therapeutic polymer e.g. siRNA. The process involves preparing a lipid mixture comprising a cationic lipid in a water miscible organic solvent such as ethanol and injecting this solution to the polymer dissolved in water to a final concentration of 35% ethanol in water to produce nanoparticles having a mean size of 50 to 150 nm and a final charge ratio of drug:lipid is 1 :2.5.



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

(21) Application No.4202/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :05/06/2014

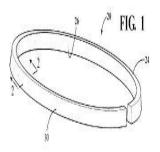
(43) Publication Date : 22/01/2016

(51) International classification	:F16J9/26	(71)Name of Applicant :
(31) Priority Document No	:61/557589	1)FEDERAL MOGUL CORPORATION
(32) Priority Date	:09/11/2011	Address of Applicant :26555 Northwestern Hightway
(33) Name of priority country	:U.S.A.	Southfield MI 48033 U.S.A.
(86) International Application No	:PCT/US2012/064033	(72)Name of Inventor :
Filing Date	:08/11/2012	1)TOTH James
(87) International Publication No	:WO 2013/070826	2)MARSH Mitchell T.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : PISTON RING WITH A WEAR RESISTANT COBALT COATING

(57) Abstract :

A piston ring (20) is provided having a bottom surface (22) a top surface (24) an inner diameter surface (26) and at least one running surface (28). A wear protection coating (30) substantially entirely of cobalt is applied to the at least one running surface to protect the base material of the piston ring. Specifically during operation of an engine the more durable cobalt wear resistant coating not the base material which may be steel or cast iron is in sliding contact with a cylinder wall. The cobalt coating may be applied through for example electrodeposition or plasma spraying.



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

(21) Application No.4383/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :13/06/2014

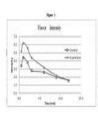
(43) Publication Date : 22/01/2016

(54) Title of the invention : CHEWING GUM COMPOSITIONS BASED ON DRIED FRUIT POWDERS

 (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 	:A23L1/212,A23G4/06 :61/560927 :17/11/2011 :U.S.A. :PCT/US2012/065238 :15/11/2012 :WO 2013/074762 :NA :NA :NA :NA	 (71)Name of Applicant : 1)WM. WRIGLEY JR. COMPANY Address of Applicant :1132 Blackhawk Street Chicago Illinois 60642 U.S.A. (72)Name of Inventor : 1)MO Xiaoqun 2)PHILLIPS David R. 3)XIA Xiaohu 4)SHEPHERD Philip
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(57) Abstract :

Dried fruit powders are used as a replacement for current bulking agents used in chewing gum such as polyols or sucrose thereby providing healthier chewing gum options to consumers with real fruit taste.



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

(21) Application No.2696/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014

(43) Publication Date : 22/01/2016

(54) Thue of the invention : RAISED ACCESS FL	JOOK FANEL	
(51) International classification	:B29C65/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)S Muthuraman
(32) Priority Date	:NA	Address of Applicant :38/39, Kenchappa Road, Frazer Town,
(33) Name of priority country	:NA	Bangalore-560005, Karnataka, India. Karnataka India
(86) International Application No	:NA	2)Mustufa Taiyebi Rasiwala
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)S Muthuraman
(61) Patent of Addition to Application Number	:NA	2)Mustufa Taiyebi Rasiwala
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : RAISED ACCESS FLOOR PANEL

(57) Abstract :

ABSTRACT According to an aspect of the present invention, a raised access floor panel comprise a top plate and a bottom plate. In first embodiment, the bottom plate is bent and curled to increase strength along an edge of the raised access floor panel. Also, the curled area makes a mechanical contact with a vertical wall of the bottom plate to oppose any downward force on the edge of the raised access floor panel. Further, the edge of the top plate is extended beyond the curled area such that the edge of the top plate forms the edge of the raised access floor panel. In second embodiment, the curled area on the edge of the bottom plate is operative as supporting beam to top plate along the edge of the top plate. In third embodiment, the bottom plate comprise plurality of square shaped cavities. Each cavity further comprise four spots and each spot is welded to the top plate. Also, the raised access floor panel is a square shaped and constructed with steel material. According to another aspect of the present invention, the raised access floor panel is manufactured by, moulding a first plate to form plurality of cavities with each cavity compsising set of spots, spot welding the first plate with a second plate, trimming the first plate and the second plate and curling the first plate along at least one edge. In one embodiment, the first plate is bent to an appropriate angle before curing the first plate.

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

(21) Application No.2697/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : COMPACT AMMETER WITH INTEGRATED WARNING INDICATORS

(51) International classification:B6(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAFiling Date:NA	 A Address of Applicant :CPM Towers, 109, Race Course, A Coimbatore. Tamil Nadu India A (72)Name of Inventor : A 1)Saravana Kumar S.G NA A A <
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(57) Abstract :

The present invention generally relates to a gauge for indicating current/battery function in automotive, scientific and industrial applications. More specifically, the present invention relates to a compact ammeter gauge with integrated warning indicators for current/battery level and warning indication, effectively packaged in a restricted space/volume. Further, the present invention would help eliminate the need of another device for warning indications resulting in substantial cost reduction.

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

(19) INDIA

(22) Date of filing of Application :02/06/2014

(21) Application No.2698/CHE/2014 A

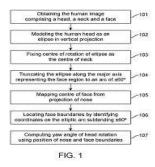
(43) Publication Date : 22/01/2016

(51) International classification :G06T7/00 (71)Name of Applicant : (31) Priority Document No :NA 1)Amrita Vishwa Vidyapeetham (32) Priority Date :NA Address of Applicant : Amritapuri 690 525, Kollam, India (33) Name of priority country Kerala India :NA (86) International Application No (72)Name of Inventor : :NA Filing Date :NA 1)SANKARANARAYANAN, Athinarayanan (87) International Publication No 2)BIJLANI, Kamal : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : SYSTEMS AND METHODS FOR YAW ESTIMATION

(57) Abstract :

Systems and methods of automatic detection of a facial feature are disclosed. Moreover, methods and systems of yaw estimation of a human head based on a geometrical model are also disclosed.



No. of Pages : 33 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :05/06/2014

(43) Publication Date : 22/01/2016

(21) Application No.2770/CHE/2014 A

(51) International classification	:B24B	(71)Name of Applicant :
(31) Priority Document No	:W. 122119	1)SLAWOMIR LECH
(32) Priority Date	:05/06/2013	Address of Applicant :UL. KIERSNOWSKIEGO 18M. 23
(33) Name of priority country	:Poland	03-161 WARSZAWA Poland
(86) International Application No	:NA	2)CENTER-PLUS
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SLAWOMIR LECH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT The grip, based on a utility model, serving for fixing objects made of wire or plastic to smooth surfaces, is made of a suction cup with a screw embedded in it, a hard dome shaped or cylindrical overlay with a hollow surface on the side of the suction cup with a hole in the middle and a cylindrical nut and a round finishing and a cutting off in the lower part, specific with the fact that the overlay has a centrally situated dip on its outside surface and two cuts, and on its edge on the side of the suction cup it has insets, which stick in the peripheral part of the same suction cup in effect of its round shape and a bigger diameter than the overlay. Fig.1

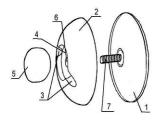


Fig.1 No. of Pages : 11 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :06/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : AUTOMATED GENERATION OF TEST CASES FOR BUSINESS PROCESS MANAGEMENT SYSTEMS

(51) International classification	:G06O	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Accenture Global Services Limited
(32) Priority Date	:NA	Address of Applicant :3 Grand Canal Plaza, Grand Canal
(33) Name of priority country	:NA	Street Upper, Dublin 4, IRELAND Ireland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VIKRANT SHYAMKANT KAULGUD
(87) International Publication No	: NA	2)Manisha Sriraman
(61) Patent of Addition to Application Number	:NA	3)Vibhu Saujanya Sharma
Filing Date	:NA	4)Venkatesh Subramanian
(62) Divisional to Application Number	:NA	5)Namrata Maheshwary
Filing Date	:NA	6)Chethana Dinakar

(57) Abstract :

Workflow test case generation may include receiving an intermediate output of a workflow. The intermediate output of the workflowmay reference a plurality of workflow building blocks thatprovide a specified functionality at each step of theworkflow. Workflow definitions of the intermediate output of the workflowmay be analyzed to generate a graph structure that represents the workflow. Building block attributes that include an identification of attributes for theplurality of workflow building blocks, and the graph structure may be analyzed to generate building block and attribute information for the workflow. The building block and attribute information and the graph structure may be analyzed to generate test paths for the workflow. The building block and attribute information, the test paths, and a plurality of test case templates may be analyzed to generate test artifacts that include testing to be performed for the workflow. Fig.1

No. of Pages : 62 No. of Claims : 20

(21) Application No.2854/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :12/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR INTERACTION WITH DEVICES

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LENSBRICKS TECHNOLOGY PRIVATE LTD
(32) Priority Date	:NA	Address of Applicant :G-3, S.R. PRIDE, RUSTHUMJI
(33) Name of priority country	:NA	LAYOUT, WHITEFIELD, BANGALORE - 560 066 Karnataka
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PRANAV MISHRA
(61) Patent of Addition to Application Number	:NA	2)RAJESWARI KANNAN
Filing Date	:NA	3)RAMESH RASKAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention describes a system and method for gesture based, context sensitive response in a users interaction with their environment, using one or more cameras and sensors to detect the user-specific preferences. The system and method described in the invention involve three modules including an initial configuration, gesture recognition and a context sensitive response. Here, the users surrounding is organized based on the prerequisites set by the user, by just making a gesture. The system makes use of a camera, and a cloud server to create a customized user space and a method to interact with a third person. FIGURE 1

No. of Pages : 28 No. of Claims : 18

(21) Application No.2855/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :20/11/2009

(43) Publication Date : 22/01/2016

(54) Title of the invention : A DEVICE AND METHOD FOR PRODUCTION OF ELECTRICAL POWER FROM TIDAL WAVES

(51) International classification	:F03B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PANDIARAJ DEVANAND
(32) Priority Date	:NA	Address of Applicant :NO. 2, JAWAHAR NAGAR, TVS
(33) Name of priority country	:NA	NAGAR ROAD, KAVUNDAMPALAYAM, COIMBATORE
(86) International Application No	:NA	641 030 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PANDIARAJ DEVANAND
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A device and method of electrical power generation from tidal energy, with a multi legged frame work embedded onto the ocean bed. The framework comprising of a cylinder with larger and smaller ends, the larger end on surface contact with tidal wave. The crest of the waves push the larger end of piston to get the air compressed and the compressed air getting stored in high pressure air tank which can be suitably used for rotating the elements of a dynamo by shaft means for generation of alternating electrical power. A combination of such elements of cylinder and constituent components can be effectively used for power generation in large scale for supplying to a power grid.

No. of Pages : 11 No. of Claims : 3

(19) INDIA

(21) Application No.2856/CHE/2014 A

(22) Date of filing of Application :12/06/2014 (43) Publication Date : 22/01/2016

(54) Title of the invention : A FLUID DELIVERY SYSTEM FOR EMISSION CONTROL

(51) International classification	:F02M	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Bosch Limited
(32) Priority Date	:NA	Address of Applicant :Post Box No 3000, Hosur Road,
(33) Name of priority country	:NA	Adugodi, Bangalore 560030, Karnataka, INDIA Karnataka India
(86) International Application No	:NA	2)Robert Bosch GmbH
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)CHAGANTI Pavan Kumar
(61) Patent of Addition to Application Number	:NA	2)RAGHAVAN Vikram
Filing Date	:NA	3)THONDAVADI Ashwin
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

Disclosed herein is a fluid delivery system for emission control. The system comprises a tank 100, an injector 102 and a fluid delivery line (104) connecting the tank 100 with the injector 102. The system is characterized in having at least one electrical feed pump (106) between the tank 100 and the injector 102 and along the fluid delivery line 104. Reference figure: Figure 1

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

(21) Application No.4079/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :30/05/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : PEPTIDE FRAGMENTS FOR INDUCING SYNTHESIS OF EXTRACELLULAR MATRIX PROTEINS

(51) International classification (31) Priority Document No	:C07K14/78 :60/813,284	(71)Name of Applicant : 1)HELIX BIOMEDIX, INC.
(32) Priority Date	:13/06/2006	Address of Applicant :of 22121 - 17th Ave SE #112, Bothell,
(33) Name of priority country	:U.S.A.	Washington 98021, USA U.S.A.
(86) International Application No	:PCT/US2007/13748	(72)Name of Inventor :
Filing Date	:12/06/2007	1)HARRIS, Scott, M.
(87) International Publication No	:WO/2007/146269	2)FALLA, Timothy, J.
(61) Patent of Addition to Application	:NA	3)ZHANG, Lijuan
Number	:NA	
Filing Date	.11/A	
(62) Divisional to Application Number	:204/CHENP/2009	
Filed on	:12/06/2007	

(57) Abstract :

This invention relates to a tetrapeptide of the formula PxxP which stimulates collagen production in human skin wherein the tetrapeptide is SEQ ID NO: 9 (PEKP), SEQ ID NO: 10 (PKGP), SEQ ID NO: 11 (PGQP), SEQ ID NO: 12 (PGTP), or SEQ ID NO: 16 (PGNP). SEQ ID NO: 1 (PEGP), SEQ ID NO: 14 (PGPP) SEQ ID NO: 13 (PMGP), SEQ ID NO: 15 (PQGP) per se are known.

No. of Pages : 47 No. of Claims : 13

(21) Application No.4184/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :04/06/2014

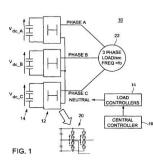
(43) Publication Date : 22/01/2016

(54) Title of the invention : MULTI PHASE CONVERTER SYSTEM AND METHOD

(31) Priority Document :13/315660 A. No U.S.A (32) Priority Date :09/12/2011 (72)N (33) Name of priority :U.S.A 1)Sec	 1)GENERAL ELECTRIC COMPANY Address of Applicant :1 River Road Schenectady NY 12345 .S.A. 2)Name of Inventor : 1)SCHROEDER Stefan 2)WIJEKOON Piniwan Thiwanka Bandara
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(57) Abstract :

A multi phase converter includes a plurality of phase paths. Each phase path includes at least one dc link that is independent from every other phase path dc link such that each output phase voltage is generated from a corresponding dc link voltage source that can be different from every other phase voltage dc link voltage source. A total dc link voltage level is determined for each output phase voltage. A common mode injection voltage is calculated based on all dc link voltage levels and all phase reference voltages. Each phase path reference voltage is then adjusted based on the calculated common mode injection voltage such that each generated output phase voltage level is adjusted in response to its corresponding adjusted reference voltage.



No. of Pages : 17 No. of Claims : 13

(21) Application No.4185/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :04/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : SYSTEMS AND METHODS FOR MACHINE TO MACHINE DEVICE CONTROL AND TRIGGERING

(51) International classification	:F02D 41/00	(71)Name of Applicant :
(31) Priority Document No	:61/567537	1)QUALCOMM INCORPORATED
(32) Priority Date	:06/12/2011	Address of Applicant : Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 U.S.A.
(86) International Application No	:PCT/US2012/068289	(72)Name of Inventor :
Filing Date	:06/12/2012	1)CHERIAN George
(87) International Publication No	:WO 2013/086223	2)WANG Jun
(61) Patent of Addition to Application	:NA	3)PALANIGOUNDER Anand
Number	:NA :NA	4)NASIELSKI John Wallace
Filing Date	.11/A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems and methods for control and triggering of machine to machine (M2M) devices (e.g. smart meters). More specifically how to allow an M2M service provider (e.g. utility company) to use an operator s network to communicate with the M2M device connected with a UE/GW associated with the operator s network. The M2M service provider may receive identification of the UE/GW but not for the M2M device. By transmitting an identifier for the M2M device along with an identifier for the UE/GW the network operator may define establish and maintain a communication path specific to M2M devices. Similar techniques may be incorporated to allow the M2M service provider to locate and trigger the M2M device.

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No. of Pages : 68 No. of Claims : 77

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

(19) INDIA

(21) Application No.5183/CHE/2012 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : A METHOD FOR TREATING EFFLUENT (51) International classification :C02F (71)Name of Applicant : (31) Priority Document No **1)THE SOUTH INDIA TEXTILE RESEARCH** :NA (32) Priority Date :NA ASSOCIATION (SITRA) (33) Name of priority country :NA Address of Applicant :Post Box No: 3205 13/37 Avanashi Road Aerodrome Post Coimbatore 641 014 Tamil Nadu India (86) International Application No :NA Filing Date :NA Madhya Pradesh India (87) International Publication No (72)Name of Inventor : : NA (61) Patent of Addition to Application Number 1)PONNUSAMY ARUMUGAM :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

ABSTRACT The present disclosure relates to a method for treating effluent, preferably the effluent from any textile processing industry comprising disperse, reactive and direct dyes. The treated effluent obtained by the said method is colourless and devoid of sludge. The treated effluent so obtained is also reused in dyeing process as brine solution or further processed to recover salt from it.

No. of Pages : 17 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :28/05/2014

(21) Application No.5492/CHE/2013 A

(43) Publication Date : 22/01/2016

(51) International classification :H04M1/00 (71)Name of Applicant : (31) Priority Document No :NA 1)Aseema Softnet Technologies Private Limited (32) Priority Date :NA Address of Applicant :#7, 1st Main, 1st Cross, Dollars Layout, (33) Name of priority country J.P. Nagar, 4th Phase, Bengaluru 560078, INDIA Karnataka India :NA (86) International Application No (72)Name of Inventor : :NA Filing Date 1)Nagabhushanam Samartha Raghava :NA 2)Praveen Nayak (87) International Publication No : NA (61) Patent of Addition to Application Number :NA 3) Ramessh Renati Krishnamurthy Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : COMPACT WEARABLE PERSONAL SAFETY DEVICES

(57) Abstract :

[0045] ABSTRACT [0046] The present invention discloses a system and method for personal safety by means of a compact wearable safety device, wherein the wearable safety device is a small embedded gadget encapsulated in the form of a variety of jewelry. When in operation, the device works either in connection with a smart phone via low range connectivity like Blue Tooth or directly connects to the wireless network via long range wireless communication protocols. This system is therefore monitored through the wireless telephone network to create a safety net for those within its signal footprint. The system generates alerts based on pre defined panic situations. The system further communicates the alerts generated to a list of recipients. (FIG 1)

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

(21) Application No.4176/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :04/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : PROCESS FOR PREPARING POLYUREA MICROCAPSULES

 (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 	:11195110.9 :22/12/2011 :EPO	 (71)Name of Applicant : 1)FIRMENICH SA Address of Applicant :1 route des Jeunes P. O. Box 239 CH 1211 Geneva 8 Switzerland (72)Name of Inventor : 1)PICHON Nicolas 2)GODEFROY Sonia 3)STRUILLOU Arnaud
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(57) Abstract :

The present invention relates to a one shell aminoplast core shell microcapsule stabilized by a polyisocyanate. It also provides a method for stabilizing aminoplast microcapsules in liquid aqueous surfactant rich consumer products.

No. of Pages : 28 No. of Claims : 10

(19) INDIA

(21) Application No.4177/CHENP/2014 A

(22) Date of filing of Application :04/06/2014

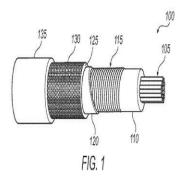
(43) Publication Date : 22/01/2016

(51) International classification	:H01B7/00	(71)Name of Applicant :
(31) Priority Document No	:61/564092	1)PRESTOLITE WIRE LLC
(32) Priority Date	:28/11/2011	Address of Applicant :200 Galleria Officentre Suite 212
(33) Name of priority country	:U.S.A.	Southfield MI 48034 U.S.A.
(86) International Application No	:PCT/US2012/066837	(72)Name of Inventor :
Filing Date	:28/11/2012	1)KELLEY Frederick J.
(87) International Publication No	:WO 2013/082140	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : ANTI CAPILLARY RESISTOR WIRE

(57) Abstract :

A wire assembly (100) includes a plurality of strength members (105) a first coating layer (110) disposed on the strength members and a conductive element (115) helically wound about the first coating layer. The conductive element has a length associated with a predetermined resistance. A second coating layer (120) is disposed on the conductive element and the second coating layer is applied to the conductive clement and the first coating layer via pressure extrusion to eliminate air gaps between at least a portion of the first coating layer and the second coating layer. A method of forming the wire assembly includes coating the strength members with the first coating layer helically winding the conductive element about the first coating layer and applying the second coating layer to the conductive element and the first coating layer via pressure extrusion to eliminate air gaps between at least a portion of the first and second coating layer.



No. of Pages : 15 No. of Claims : 18

(21) Application No.4380/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :13/06/2014

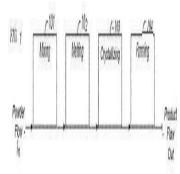
(43) Publication Date : 22/01/2016

(54) Title of the invention : A METHOD OF MAKING AN EXTRUDED BRITTLE CONFECTIONARY

(51) International classification	:A23G3/00,A23G3/54,A23G3/42	
(31) Priority Document No	:11380093.2	1)WM. WRIGLEY JR. COMPANY
(32) Priority Date	:17/11/2011	Address of Applicant :1132 West Blackhawk Street Chicago
(33) Name of priority country	:EPO	Illinois 60622 U.S.A.
(86) International Application	:PCT/US2012/065562	(72)Name of Inventor :
No	:16/11/2012	1)VERDU Luis Bordera
Filing Date	.10/11/2012	2)POPA Lavinel Bill
(87) International Publication N	o:WO 2013/074951	3)YAH Julie Rene
(61) Patent of Addition to	:NA	4)CARCASONA Emilio Romero
Application Number		5)FABRE Juan
Filing Date	:NA	6)BLAZQUEZ Melchor
(62) Divisional to Application	:NA	7)BROWN Scott Garrett
Number		
Filing Date	:NA	

(57) Abstract :

A process for making a confection including the steps of mixing a confection mass containing at least 80 wt. % sweetener; melting the confection mass; crystallizing the confection mass; and forming that confection mass wherein the resulting confection contains at least 60 wt.% of the sweetener in crystal form. A confection containing at least one crystallized mass that was produced by this process.



No. of Pages : 37 No. of Claims : 34

(21) Application No.7158/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/08/2012

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR THE APPLICATION OF A CONFORMAL NANOCOATING BY MEANS OF A LOW PRESSURE PLASMA PROCESS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B05D7/24,H05K3/28,H01J37/32 :2010/0035 :22/01/2010 :Belgium	 (71)Name of Applicant : 1)EUROPLASMA NV Address of Applicant :De Bruwaan 5D B 9700 Oudenaarde Belgium
 (86) International Application No Filing Date (87) International Publication No (11) Dependent Hilling 	:PCT/EP2011/000242 :21/01/2011 :WO 2011/089009	 (72)Name of Inventor : 1)LEGEIN Filip 2)VANLANDEGHEM Anthony 3)MARTENS Peter
(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 conformal nanocoating applied by a low pressure plasma process. The invention also relates to a method for making such a conformal nanocoating on a three dimensional nanostructure in particular a three dimensional structure containing electrically conductive and non conductive elements.

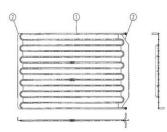


FIG. 1 No. of Pages : 20 No. of Claims : 44

(19) INDIA

(22) Date of filing of Application :11/06/2014

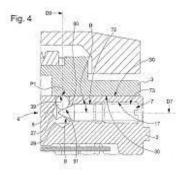
(21) Application No.2846/CHE/2014 A

(43) Publication Date : 22/01/2016

(32) Priority Date:14/06/2013(33) Name of priority country:EPO(86) International Application No:NA	 71)Name of Applicant : 1)ETA SA Manufacture HorlogÃ"re Suisse Address of Applicant :of Schild-Rust-Strasse 17, CH-2540 Grenchen, Switzerland Switzerland 72)Name of Inventor : 1)MERTENAT, Olivier

(57) Abstract :

Timepiece movement (1) including a main plate (2) and a bar (3) holding a wheel set (4) in a reference position (P0), and a means (6) of adjusting the height of this bar (3) in relation to the plate (2) in the direction of the axis of rotation (D0) of the wheel set (4), at a first point (P1) remote from the reference position (P0). This height adjustment means (6) includes a screw (7) or a worm (75) rotatably movable about an oblique control axis in relation to the axis of rotation (D0), and a cone (80) or a curved surface for transforming motion between this screw (7) or worm (75) and a pusher (9) movable in a parallel direction (D9) to the axis of rotation (D0). Watch (100) including a movement (1) of this type. Figure 4



No. of Pages : 18 No. of Claims : 24

(21) Application No.4094/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : CARBON FIBER MOLDING MATERIAL MOLDING MATERIAL AND CARBON FIBER STRENGTHENING COMPOSITE MATERIAL

 (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	 (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)NAKAYAMA Yoshifumi 2)KAMAE Toshiya 3)KOBAYASHI Daigo 4)ENDO Makoto
	:NA :NA	

(57) Abstract :

A carbon fiber molding material is provided that exhibits excellent interfacial adhesion between the carbon fibers and a thermosetting resin and that yields a molded product exhibiting excellent mechanical properties. The carbon fiber molding material is either (Z) a prepreg containing sizing agent coated carbon fibers and a thermosetting resin or (Y) a material for forming woven fabric or braided cords that employs sizing agent coated carbon fibers. The sizing agent is characterized by containing the following components (A) and (B): component (A) is an epoxy compound having two or more epoxy groups or two or more functional groups; component (B) is a compound containing one or more of the group consisting of a tertiary amine compound a tertiary amine salt a quaternary ammonium salt a quaternary phosphonium salt and a phosphine compound. The sizing agent is obtained by blending 0.1 25 parts by mass of the compound (B) with 100 parts by mass of the compound (A).

No. of Pages : 229 No. of Claims : 24

(21) Application No.4391/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :13/06/2014

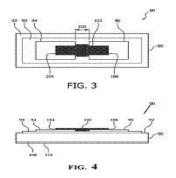
(43) Publication Date : 22/01/2016

(54) Title of the invention : A STRUCTURAL DESIGN AND PROCESS TO IMPROVE THE TEMPERATURE MODULATION AND POWER CONSUMPTION OF AN IR EMITTER

(51) International classification	:G06F 1/00	(71)Name of Applicant :
(31) Priority Document No	:61/565582	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:01/12/2011	Address of Applicant :High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/056755	(72)Name of Inventor :
Filing Date	:27/11/2012	1)JIANG Zhi Xing
(87) International Publication No	:WO 2013/080122	2)DAVIS Raymond
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An infrared emitter is formed having a reduced thermal mass and increased thermal conductivity to effectively deliver and dissipate heat from a heating element that emits electromagnetic radiation. The improved thermal dynamic process may enhance one or both of power consumption and/or longevity.



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

(21) Application No.2644/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :29/05/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : IRON-BASED SINTERED ALLOY AND PRODUCTION METHOD THEREFOR

(51) International classification(31) Priority Document No(32) Priority Date	:C22C33/00 :NA :NA	 (71)Name of Applicant : 1)HITACHI CHEMICAL COMPANY, LTD. Address of Applicant :9-2, MARUNOUCHI 1-CHOME,
(33) Name of priority country	:NA	CHIYODA-KU, TOKYO, 100-6606 Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)YAMANISHI YUJI
(87) International Publication No	: NA	2)TSUTSUI TADAYUKI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT An iron-based sintered alloy consists of, by mass %, 2.45 to 3.47 % of Cr, 0.39 to 0.59 % of Mo, 0.5 to 1.5 % of Cu, 0.4 to 0.6 % of C, and the balance of Fe and inevitable impurities, the iron-based sintered alloy consisting of a hardened structure as sintered, the hardened structure consisting of a mixed structure of 2 to 20 % of area ratio in cross section of a bainite phase and the balance of a martensite phase as a matrix except for pores. The iron-based sintered alloy has 50 % or more of area ratio in cross section of a region in which 0.5 mass % or more of Cu is diffused.

No. of Pages : 26 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :04/06/2014

(43) Publication Date : 22/01/2016

:NA	(71)Name of Applicant : 1)GIRIVAS VISWANATH SHET Address of Applicant (DESEADOU SCIENTIST, MYSODE
:NA :NA	Address of Applicant :RESEARCH SCIENTIST, MYSORE SANDAL PRODUCTS, 6/1872, SASTHA NAGAR, AANAVATHIL MATTANCHERRY, COCHIN - 682 002 Kerala
:NA : NA :NA	India (72)Name of Inventor : 1)GIRIVAS VISWANATH SHET
:NA :NA ·NA	
	:NA :NA :NA :NA :NA :NA :NA

(57) Abstract :

Claims: 1) If Instead of Cedar wood resinoid, Sandalwood powder or resinoid or any other wood powder or any wood resinoid, it will come under this invention.

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

(21) Application No.2800/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :07/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD OF INHIBITION OF BETA-SECRETASE BY USING BIS-O-DEMETHYL CURCUMIN FOR THE PREVENTION, MANAGEMENT AND TREATMENT OF NEURODEGENERATIVE DISEASES

		(71)Name of Applicant :
(51) International classification	:C07D	
(31) Priority Document No	:NA	Address of Applicant :40-15-14, Brindavan Colony, Labbipet,
•		
(32) Priority Date	:NA	Vijayawada 520 010 Andhra Pradesh, India. Andhra Pradesh
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GOKARAJU, Ganga Raju
(87) International Publication No	: NA	2)GOKARAJU, Rama Raju
(61) Patent of Addition to Application Number	:NA	3)GOLAKOTI, Trimurtulu
Filing Date	:NA	4)SOMEPALLI, Venkateswarlu
(62) Divisional to Application Number	:NA	5)BHUPATHIRAJU, Kiran
Filing Date	:NA	6)CHANIYILPARAMPU, Ramchand Nanappan
		7)SOMASHEKARA, Nirvanashetty

(57) Abstract :

ABSTRACT: The present invention discloses a novel method of inhibiting the Beta-secretase enzyme by using Bis-O-

demethylcurcumin. The present invention further discloses the prevention, management and treatment of Alzheimer[™]s disease (AD) by the inhibition of Beta-secretase in a patient using Bis-O-demethylcurcumin. The present invention also discloses the process of synthesizing Bis-O-demethylcurcumin and the compositions comprising the same.

No. of Pages : 18 No. of Claims : 11

(21) Application No.2880/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :13/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : AN INTEGRATED DEVICE TO CALCULATE HEART RATE AND BODY ACTIVITY ACCURATELY

 (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 	:NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)BHAIRAV SHANKAR Address of Applicant :#89, SRINAGAR NAGAR COLONY, HYDERABAD - 500 073 Andhra Pradesh India (72)Name of Inventor : 1)BHAIRAV SHANKAR
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The main objective of the present invention is to design a compatible and a novel device (100) with reduced form factor to measure and monitor the biological conditions of a living body and communicate it to the remotely connected device. It monitors almost all crucial factors such as hear rate, calorie count, physical activity, sleep, tiredness, posture etc. The device comprises of components that are comfortably packed into a plastic shell that is separated as two lobes along with a pair of permanent magnets to help in firmly positioning the device on the ear. The main components of the device are heart rate monitor, accelerometer, microcontroller and a wireless communication module. Figure 1

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

(21) Application No.6014/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :23/12/2013

(43) Publication Date : 22/01/2016

(54) Title of the invention : A COMPOSITION, PROCESS OF PREPARATION OF SAID COMPOSITION, KIT AND A METHOD OF TREATING 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 (62) Divisional to Application Number Filing Date 	:A61K :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)CELLWORKS RESEARCH INDIA PVT. LTD. Address of Applicant :3rd floor, West Wing, Neil - Rao Tower • 1 8, Road # 3, EPIP, Whitefield, Bangalore-560066, Karnataka, India. Karnataka India (72)Name of Inventor : 1)SHIREEN VALI 2)SHAHABUDDIN USMANI 3)ZEBA SULTANA 4)SHWETA KAPOOR 5)ASHISH KUMAR AGRAWAL 6)TAHER ABBASI
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(57) Abstract :

The present disclosure relates to a pharmaceutical composition and a kit to treat cancer. The disclosure provides a composition comprising AKT inhibitor and atleast one of cyclooxygenase-2 inhibitor and 5-lipoxygenase inhibitor. The disclosure further relates to a process of preparing the said composition and a method of treating cancer comprising PTEN mutation/AKT mutation/ PI3K mutation alone or in combination with each other or in combination with mutations in other genes causing cancer.

No. of Pages : 163 No. of Claims : 21

(21) Application No.4308/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :11/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : URACIL DERIVATIVES AS AXL AND C MET KINASE INHIBITORS

(57) Abstract :

abcd1a1b1c3The present invention provides compounds of Formula I or pharmaceutically acceptable salt forms thereof wherein R R R R D W R R R Y R X E and G are as defined herein methods of treatment and uses thereof.

No. of Pages : 173 No. of Claims : 16

(21) Application No.954/CHE/2013 A

(19) INDIA

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

(43) Publication Date : 22/01/2016

(54) Title of the invention : COMPOSITION SUBSTRATES AND METHODS THEREOF

(51) International classification	:H01L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JAWAHARLAL NEHRU CENTRE FOR ADVANCED
(32) Priority Date	:NA	SCIENTIFIC RESEARCH
(33) Name of priority country	:NA	Address of Applicant :Jakkur, Bangalore 560064, Karnataka,
(86) International Application No	:NA	India Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)GIRIDHAR UDAPI RAO KULKARNI
(61) Patent of Addition to Application Number	:NA	2)KUNALA DURGA MALLIKARJUNA RAO
Filing Date	:NA	3)RITU GUPTA
(62) Divisional to Application Number	:NA	4)BOYA RADHA
Filing Date	:NA	5)SHANMUGAM KIRUTHIKA

(57) Abstract :

The present disclosure provides compositions comprising colloidal matter in solvent, employed for crackle formation when exposed to surface of a substrate. The said compositions crackle spontaneously without any external stimuli when exposed to the substrate surface as a film. The present disclosure also relates to substrates having a film by exposure to said composition and a method of preparing said substrate. The present disclosure also relates to patterned substrates fabricated with material or energy inputs deposited in template formed by crackling of the film and a method of preparing said patterned substrate and a kit for obtaining such substrates. The present disclosure also relates to using the said substrates for various applications specifically in the field of electronics or optoelectronics.

No. of Pages : 71 No. of Claims : 26

(21) Application No.4252/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :09/06/2014

(43) Publication Date : 22/01/2016

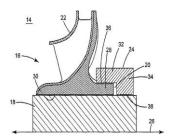
(54) Title of the invention : ROTARY MACHINE INCLUDING A MACHINE ROTOR WITH A COMPOSITE IMPELLER PORTION AND A METAL SHAFT PORTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication N (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:CO2011A000064 :14/12/2011 :Italy :PCT/EP2012/074619 :06/12/2012	 (71)Name of Applicant : 1)NUOVO PIGNONE S.P.A Address of Applicant :Via Felice Matteucci 2 I 50127 Florence Italy (72)Name of Inventor : 1)BAEHMANN Peggy Lynn 2)FINN Scott Roger 3)MASSINI Andrea 4)GIOVANNETTI Iacopo
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(57) Abstract :

A rotary machine 14 includes a machine stator and a machine rotor rotatable relative to said machine stator and having a metal shaft portion 18 a composite impeller portion 22 and at least a first metal ring portion 24 securing said composite impeller portion 22 to said metal shaft portion 18 said metal ring portion having a first interface with said composite impeller portion and a second interface with said metal shaft portion.

Figure 1



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

(21) Application No.4101/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014

(54) Title of the invention : PROTEIN PURIFICATION USING BIS TRIS BUFFER

(43) Publication Date : 22/01/2016

(51) International classification :C07K1/36 (71)Name of Applicant : (31) Priority Document No :PCT/EP2011/070768 1)SANOFI (32) Priority Date :23/11/2011 Address of Applicant :54 rue La BoÃtie F 75008 Paris France (33) Name of priority country (72)Name of Inventor : :EPO (86) International Application No :PCT/EP2012/059528 **1)DUTHE Didier** Filing Date :23/05/2012 2)LANDRIC BURTIN Laure (87) International Publication No **3)MOTHES Benoit** :WO 2013/075849 (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 two step chromatography process for small and large scale purification of proteins specifically monoclonal antibodies using only four buffer solutions made from a mother solution.

No. of Pages : 39 No. of Claims : 43

(21) Application No.4199/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :05/06/2014

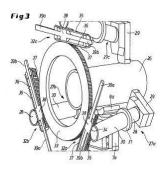
(43) Publication Date : 22/01/2016

(54) Title of the invention : CHUCK FOR A MACHINE TOOL FOR MACHINING A TUBULAR ROTATING WORKPIECE

 (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 	:B23B31/16,B23B31/12 :10 2011 117 881.7 :08/11/2011 :Germany :PCT/EP2012/004217 :09/10/2012 :WO 2013/068067 :NA :NA :NA	 (71)Name of Applicant : 1)SMS MEER GMBH Address of Applicant :Ohlerkirchweg 66 41069 MÃnchengladbach Germany (72)Name of Inventor : 1)ESSER Karl Josef 2)DERIX Rainer
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a chuck (1) for a machine tool for machining a tubular workpiece (26) which rotates about a rotational axis that coincides with the centre of the chuck comprising at least two chucking slides (7a b c) that are designed to be positionable radially with respect to the rotational axis in order to release and chuck the workpiece are arranged on the end side of and in a manner distributed uniformly around the circumference of a chuck head plate and bear chucking jaws (8a b c). Such a chuck is intended to be created with improved operating characteristics and extension to all chucking functions. To this end for the external central chucking of a tube (26) there are provided centring slides (27a b c) which can be disengaged from the chuck head plate with a forward inclination towards the end of the tube to be machined and centre the tube by means of chucking claws (29) which are arranged at the front free end of centring slide rods (28) said centring slides (27a b c) engaging via a toothed rod section (34) into a toothing (35) of a drive means assigned to each centring slide and meshing for their part on a toothing side (37) parallel to the side with the toothing with a central toothed wheel (33) arranged concentrically with the rotational axis wherein the central toothed wheel (33) synchronizes the movements of all the centring slides (27a b c).



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

(21) Application No.4200/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :05/06/2014

(43) Publication Date : 22/01/2016

 (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 	:H01M2/16 :10 2011 120 474.5 :08/12/2011 :Germany :PCT/EP2012/005064 :07/12/2012 :WO 2013/083280 :NA :NA :NA	 (71)Name of Applicant : 1)TREOFAN GERMANY GMBH & CO. KG Address of Applicant :Bergstrasse 66539 Neunkirchen Germany (72)Name of Inventor : 1)SCHMITZ Bertram 2)BUSCH Detlef 3)KLEIN Dominic
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(54) Title of the invention : HIGHLY POROUS SEPARATOR FILM WITH A COATING

(57) Abstract :

The invention relates to a bi axially oriented single or multi layered porous film comprising at least one porous layer that contains at least one propylene polymer (i) the porosity of this porous film being between 30% and 80% (ii) the permeability of the porous film being <1000s (Gurley value) and this being characterised in that (iii) said porous film has an inorganic preferably ceramic coating and that (iv) the coated porous film has a Gurley value of <1500s. In addition the invention also relates to a method for producing such a film as well as to the use thereof in high energy or high power systems particularly in lithium ion lithium polymer and alkaline earth batteries.

No. of Pages : 41 No. of Claims : 29

(21) Application No.4201/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :05/06/2014

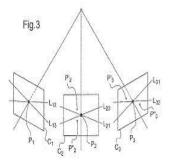
(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD OF 3D RECONSTRUCTION OF A SCENE CALLING UPON ASYNCHRONOUS SENSORS

(51) International classification	:H04N13/02	(71)Name of Applicant :
(31) Priority Document No	:1161320	1)UNIVERSITE PIERRE ET MARIE CURIE (PARIS 6)
(32) Priority Date	:08/12/2011	Address of Applicant :4 Place Jussieu F 75005 Paris France
(33) Name of priority country	:France	2)CENTRE NATIONAL DE LA RECHERCHE
(86) International Application No	:PCT/EP2012/074989	SCIENTIFIQUE
Filing Date	:10/12/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2013/083848	1)BENOSMAN Ryad
(61) Patent of Addition to Application	:NA	2)CARNEIRO Joao
Number	:NA :NA	3)IENG Sio HoÃ ⁻
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method of 3D reconstruction of a scene comprising the implementation of at least two sensors each comprising a series of elementary receivers arranged so as to view the scene according to distinct respective solid angles and which are each sensitive to a physical characteristic of a signal received by said receiver originating from the scene the sensors each being adapted for emitting an asynchronous stream of events which are each indicative of a modification of the signal received by one of the elementary receivers at a given instant as well as the implementation of a 3D reconstruction algorithm comprising a step of pairing elementary receivers of each of the sensors utilizing signals generated by the sensors the pairing consisting in pairing between them events generated by each of the sensors and temporarily close together.



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

(22) Date of filing of Application :12/06/2014

(19) INDIA

(21) Application No.4370/CHENP/2014 A

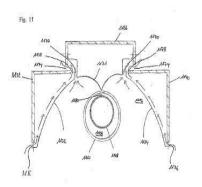
(43) Publication Date : 22/01/2016

 (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 	:A22C :10 2011 088 830.6 :16/12/2011 :Germany :PCT/EP2012/074906 :10/12/2012 :WO 2013/087556 :NA :NA :NA	 (71)Name of Applicant : 1)SCHOTT SOLAR AG Address of Applicant :HattenbergstraÃe 10 55122 Mainz Germany (72)Name of Inventor : 1)SAUERBORN Andreas 2)GNÃ,,DIG Tim 3)KUCKELKORN Thomas 4)BRENGELMANN Tim
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(54) Title of the invention : RECEIVER SYSTEM FOR A FRESNEL SOLAR PLANT

(57) Abstract :

The invention relates to a receiver system (104 204) for a Fresnel solar plant (100) comprising an absorber tube (108 208) defining a longitudinal direction and a mirror array (112 212) that runs parallel to the longitudinal direction and has a mirror symmetrical curve profile having at least one top apex for concentrating light beams onto the absorber tube. The mirror array (112 212) has ventilation holes in the region of the apex.



No. of Pages : 39 No. of Claims : 27

(21) Application No.4058/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :30/05/2014

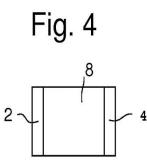
(43) Publication Date : 22/01/2016

(54) Title of the invention : CERAMIC THERMALLY COMPENSATED RESONATOR

 (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 	:H03H9/02,H03H9/24,H03H3/007 :11187854.2 :04/11/2011 :EPO :PCT/EP2012/070129 :11/10/2012 :WO 2013/064351 :NA	 (71)Name of Applicant : 1)THE SWATCH GROUP RESEARCH AND DEVELOPMENT LTD Address of Applicant :Rue des Sors 3 CH 2074 Marin Switzerland (72)Name of Inventor : 1)HESSLER Thierry 2)DUBOIS Philippe 3)CONUS Thierry
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

(a Ã)The invention relates to a thermally compensated resonator (1 11) comprising a body (5 15) capable of deformation the core (8. 18) of the body (5 15) being made of ceramic. According to the invention at least a portion of the body (5 15) comprises at least one coating (2 4 6 12 14 16) in which the Young modulus variations based on temperature (CTE) have a sign opposed to the Young modulus variations (CTE) of the ceramic used for the core (8 18) such that the resonator can have a temperature based frequency variation of at least a first order substantially equal to zero. The invention also relates to the field of parts for timepieces.



No. of Pages : 17 No. of Claims : 25

(21) Application No.4253/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :09/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR CONTROLLING A PLURALITY OF MACHINES CONTROL SYSTEM AND PLANT

(32) Priority Date(33) Name of priority country(86) International Application No	:CO2011A000065 :15/12/2011 :Italy	 (71)Name of Applicant : 1)NUOVO PIGNONE S.P.A. Address of Applicant :Via Felice Matteucci 2 50127 Florence Italy (72)Name of Inventor : 1)LISCO Marco 2)GUAGLIANONE Giulio
Filing Date (87) International Publication No	:WO 2013/087524	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The method is used for controlling a plurality of machines M 1 M 2 (e.g. pumps) and at least a first assembly A 1 (e.g. a lubricating or cooling assembly); the plurality of machines comprises at least a first machine and a second machine; the first assembly is associated with the first and second machines and is arranged to provide a first auxiliary function to the first and second machines; control is carried out by means of at least a first controller C 1 and a second controller C 2; the first and second controllers are associated respectively to the first and second machines and are arranged to control the first and second machines as far as a main function is concerned; the first and second controllers are associated with the first auxiliary function is concerned; the first and second controllers maintain a dialog between each other so to assure that only one controller controls the first assembly at a time. The method is implemented by a control system and used in a plant (e.g. an oil or gas treating and/or distributing plant).



No. of Pages : 31 No. of Claims : 10

(21) Application No.4349/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :12/06/2014

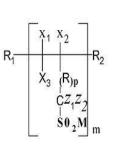
(43) Publication Date : 22/01/2016

(54) Title of the invention : PROCESSING AID COMPOSITION DERIVED FROM A SULFINATE CONTAINING MOLECULE

	G0.07 4 4 /0.0	
(51) International classification	:C08F 14/00	(71)Name of Applicant :
(31) Priority Document No	:61/576391	1)3M INNOVATIVE PROPERTIES COMPANY
(32) Priority Date	:16/12/2011	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 No	:PCT/US2012/068926	(72)Name of Inventor :
Filing Date	:11/12/2012	1)LAVALLÉE Claude
(87) International Publication No	:WO 2013/090251	2)DAHLKE Gregg D.
(61) Patent of Addition to Application	:NA	3)DUCHESNE Denis
Number		4)FUKUSHI Tatsuo
Filing Date	:NA	5)GROOTAERT Werner M. A.
(62) Divisional to Application Number	:NA	6)GUERRA Miguel A.
Filing Date	:NA	7)QIU Zai Ming

(57) Abstract :

132p1 22123 14141 2 31 2 Described herein is a melt processible polymer composition comprising: a non fluorinated melt processible polymer; and a fluoropolymer derived from the polymerization of a monomer and a sulfinate containing molecule wherein the sulfinate containing molecule is selected from the group consisting of: (a)CXX=CX (R) CZZ SOM Formula (I) (b) Formula (II); and (c) combinations thereof wherein X X and Xare each independently selected from H F Cl a C to C alkyl group and a C to C fluorinated alkyl group; R is a linking group; Zand Zare independently selected from F CF and a perfluoroalkyl group; Rand Rare end groups; p is 0 or 1; m is at least 2; and M is a cation.



No. of Pages : 35 No. of Claims : 10

(II)

(19) INDIA

(22) Date of filing of Application :02/06/2014

(21) Application No.4102/CHENP/2014 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : AEROSOL G	ENERATORS	
 (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 	:C25D3/56 :61/578645 :21/12/2011 :U.S.A.	 (71)Name of Applicant : 1)STAMFORD DEVICES LIMITED Address of Applicant :Galway Business Park Dangan Galway Ireland (72)Name of Inventor : 1)HOGAN Brendan 2)BUTAN Daniela 3)CLIFFORD Seamus 4)POMEROY Michael 5)SOUTHERN Mark 6)SHEIL David

(57) Abstract :

An aperture plate is formed from a palladium nickel alloy comprising about 89% palladium and about 11% nickel. There is a generally fine substantially equiaxed grain microstructure throughout the thickness of the aperture plate. The average grain width (W) is in the range of from 0.2 μ m to 5.0 μ m in some cases from 0.2 μ m to 2.0 μ m. Because the grain structure is equiaxed (L/W =1) the grain length (L) is the same as the grain width. The improved aperture plate extends the life of nebulisers eliminates the risk of premature and unpredictable failure of a nebuliser in service eliminates the risk of product returns from hospitals and patients and eliminates the possible risk of fragments of the aperture plate breaking free from the nebulizer.

No. of Pages : 35 No. of Claims : 11

(21) Application No.4103/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : SECURITY ELEMENT FOR SECURITY PAPERS DOCUMENTS OF VALUE OR SIMILAR

(51) International classification	:G02B5/080	(71)Name of Applicant :
(31) Priority Document No	:10 2011 121 588.7	1)GIESECKE & DEVRIENT GMBH
(32) Priority Date	:20/12/2011	Address of Applicant : PrinzregentenstraÃe 159 81677
(33) Name of priority country	:Germany	München Germany
(86) International Application No	:PCT/EP2012/005275	(72)Name of Inventor :
Filing Date	:19/12/2012	1)LOCHBIHLER Hans
(87) International Publication No	:WO 2013/091858	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a security element (10) for producing documents of value such as bank notes checks or similar which has an upper side that provides a plurality of micro images (9) in particular for a lens magnification assembly wherein each micro image (9) is formed by a microcavity structure (1) which comprises a plurality of microcavities (3) arranged side by side each microcavity (3) having a dimension of 0.5 to 3 μ m in a spatial direction that is parallel to the upper side and the surface of the microcavity structure (1) is optically reflective or highly refractive so that reflection occurs on at least part of the surface. Each micro image (9) includes microcavities (3) of at least a first and a second type said types differing in terms of the aspect ratio of the microcavities (3) and therefore each micro image (9) is structured by the at least two different types of microcavities (3).

No. of Pages : 37 No. of Claims : 21

(21) Application No.4104/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014

(43) Publication Date : 22/01/2016

(51) International classification	:A61M5/32	(71)Name of Applicant :
(31) Priority Document No	:11190581.6	1)SANOFI AVENTIS DEUTSCHLAND GMBH
(32) Priority Date	:24/11/2011	Address of Applicant :BrüningstraÃe 50 65929 Frankfurt
(33) Name of priority country	:EPO	am Main Germany
(86) International Application No	:PCT/EP2012/073465	(72)Name of Inventor :
Filing Date	:23/11/2012	1)DASBACH Uwe
(87) International Publication No	:WO 2013/076244	2)DETTE Christoph
(61) Patent of Addition to Application	:NA	3)NOBER Peter
Number	:NA :NA	4)SONNTAG Fiete
Filing Date	.11/1	5)EISENGARTHEN Christoph
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : NEEDLE ASSEMBLY ATTACHMENT AND REMOVAL DEVICE

(57) Abstract :

Described is a needle assembly attachment and removal device (1) comprising a case (4) having a base (4.1) and a longitudinal axis (L) a carriage (11) axially movable with the case (4) from a first position to a second position a carrier (13) rotatably coupled to the carriage (11) and adapted to hold a needle assembly (6) and a gearing arrangement (7 8) rotatably coupled to the carriage (11) and adapted to rotate the carrier (13) in a first rotational direction as the carriage (11) moves from the first position to the second position and in a second rotational direction as the carriage (11) moves from the second position.

No. of Pages : 23 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :02/06/2014

(21) Application No.4105/CHENP/2014 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : TONER AND DEVELOPER (51) International classification :G03G9/087,G03G9/08 (71)Name of Applicant : (31) Priority Document No 1)RICOH COMPANY, LTD. :2011253742 (32) Priority Date :21/11/2011 Address of Applicant :3 6 Nakamagome 1 chome Ohta ku (33) Name of priority country Tokyo 1438555 Japan :Japan (86) International Application No :PCT/JP2012/077383 (72)Name of Inventor: Filing Date :17/10/2012 1)WATANABE Masaki (87) International Publication No 2)OGAWA Satoshi :WO 2013/077131 (61) Patent of Addition to Application 3)KUSAHARA Teruki :NA Number 4)YOSHIDA Ryuta :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A toner including a non crystalline polyester resin and a crystalline polyester resin wherein a tetrahydrofuran soluble component of the non crystalline polyester resin has a weight average molecular weight of 3 000 to 8 000 measured by gel permeation chromatography and wherein the toner has a glass transition temperature A before an extraction process of the toner with methanol and a glass transition temperature B after the extraction process of the toner with methanol and a difference between A and B (B A) is 2.0°C or less.

No. of Pages : 103 No. of Claims : 10

(21) Application No.4367/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :12/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : TIRE FORMING MACHINE CONNECTOR APPARATUS AND CONNECTOR HANDLING METHOD THEREFOR

(51) International classification	:B29D30/08,B29D30/14,B29D30/30	(71)Name of Applicant : 1)YUAN Zhongxue
(31) Priority Document No	:201110402783.2	Address of Applicant :GAO Hong R&D/MESNAC Co. Ltd
(32) Priority Date	:07/12/2011	No.43 Zhengzhou Road Sifang Qingdao Shandong 266042 China
(33) Name of priority country	y:China	(72)Name of Inventor :
(86) International	:PCT/CN2012/086143	1)YUAN Zhongxue
Application No	:07/12/2012	2)CHENG,JIGUO
Filing Date		3)ZHOU,FUDE
(87) International Publication	¹ ·WO 2013/083069	4)SHAO,RUI
No		5)DAI,CHUNHAI
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date		
(62) Divisional to	:NA	
Application Number	:NA	
Filing Date	.1 12 1	

(57) Abstract :

The tire forming machine connector apparatus and a connector handling method therefor of the present invention by integratively arranging a composite part pressing apparatus and a ply suturing apparatus on a same connecting frame and by conveying a relevant actuator mechanism to a designated station on a carcass drum via an overhead conveyor apparatus simplify the overall number of components and installation space required. The connector apparatus comprises: a connector apparatus connecting frame which is actuated by a connecting frame actuator apparatus to slide axially along a gantry and to hold vertically above the carcass drum; the composite part pressing apparatus which is hosted on the connector apparatus connecting frame via a composite part frame body; the controlling and actuating a platen roller component to hold at a composite station on the carcass drum; and the ply suturing apparatus which is hosted on the connecting frame via a suturing main frame bracket; the ply suturing apparatus is provided with an axial present station on the carcass drum; and the ply suturing apparatus which is hosted on the connecting frame via a suturing main frame bracket; the ply suturing apparatus is provided with an axial present station on the carcass drum; and the ply suturing apparatus which is hosted on the connecting frame via a suturing main frame bracket; the ply suturing apparatus is provided with an axial present suturing actuator apparatus for controlling and actuating a suturing attuator apparatus and a perpendicular suturing actuator apparatus for controlling and actuating a suturing station on the carcass drum.

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

(21) Application No.4368/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :12/06/2014

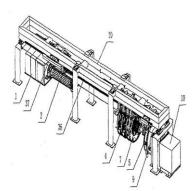
(43) Publication Date : 22/01/2016

(54) Title of the invention : THREE DRUM TIRE FORMING MACHINE AND MATERIAL CONVEYING METHOD THEREFOR

(51) Internationalclassification(31) Priority Document No	:B29D30/00,B29D30/08,B29D30/26 :201110402784.7	(71)Name of Applicant : 1)YUAN Zhongxue Address of Applicant :GAO Hong/R & D/MESNAC CO. LTD
(32) Priority Date(33) Name of priority country	:07/12/2011	No.43 Zhengzhou Road Sifang Qingdao Shandong 266042 China (72) Name of Inventor :
 (86) International Application No Filing Date (87) International Publication No 	:PCT/CN2012/086138 :07/12/2012	1)YUAN Zhongxue 2)CHENG, Jiguo 3)XIONG, Xiaowei 4)HUANG, Wei 5)PENG, Xuefeng
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The three drum tire forming machine and a material conveying method therefor of the present invention in manufacturing and conveying processes of a carcass component and a belt layer tread component use an overhead gantry structure where a carcass conveying ring component and a belt layer conveying ring both slide and convey along the overhead gantry to complete aerial works for all materials thus eliminating relevant surface conveyor apparatus facilitating control and auxiliary operation by an operator in a green tire manufacturing process and preventing the occurrence of collision accidents. The three drum tire forming machine comprises a carcass drum a belt layer drum and a forming drum arranged on a same horizontal axis. Arranged vertically above the carcass drum the belt layer drum and the forming drum is the gantry for use in material conveying. The horizontal center line of the gantry overlaps the axial centerline of the carcass drum of the belt layer drum and of the forming drum. The top parts of the carcass conveying ring respectively are slidably connected to the gantry. The gantry is provided with interconnected and horizontally arranged trusses and several sets of vertically arranged upright columns.



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

(19) INDIA

(22) Date of filing of Application :02/06/2014

(21) Application No.4106/CHENP/2014 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : SAFETY SY	RINGE	
 (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 	:A61M5/32 :11190595.6 :24/11/2011 :EPO	 (71)Name of Applicant : 1)SANOFI AVENTIS DEUTSCHLAND GMBH Address of Applicant :BrüningstraÃe 50 65929 Frankfurt am Main Germany (72)Name of Inventor : 1)HENLEY Thomas 2)CROSS David 3)JENNINGS Douglas Ivan 4)MCGINLEY Ryan Anthony

(57) Abstract :

Described is a syringe (3) comprising a barrel a stopper (5) slidably arranged within the barrel a needle (4) arranged on a distal end of the barrel a plunger coupling (10) coupled to the stopper (5) and adapted to releasably engage a plunger $(1\ 1)$ and a needle retraction mechanism adapted to retract the needle (4) into the barrel.

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

(21) Application No.4297/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :10/06/2014

(43) Publication Date : 22/01/2016

(51) International classification :C12Q1/68,C12N15/11 (71)Name of Applicant : (31) Priority Document No :61/561063 **1)RHEONIX INC.** (32) Priority Date :17/11/2011 Address of Applicant :22 Thornwood Drive Ithaca NY 14850 (33) Name of priority country :U.S.A. U.S.A. (86) International Application No :PCT/US2012/065785 (72)Name of Inventor: Filing Date :19/11/2012 1)SPIZZ Gwendolyn (87) International Publication No :WO 2013/075079 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : SYSTEM AND METHODS FOR SELECTIVE MOLECULAR ANALYSIS

(57) Abstract :

Methods and systems for selectively amplifying a target DNA sequence in the presence of non target DNA sequence in a sample comprising: contacting the sample with an oligonucleotide system under hybridization conditions to form a reaction mixture including a forward primer and a reverse primer wherein either the forward or reverse primer is modified to preferentially increase hybridization between the primer and the target sequence; cycling the hybridization of the oligonucleotide system so that if the target DNA sequence is present in the sample the primers hybridize to the target DNA sequence and the reaction mixture results in a first amplified product; and detecting the first amplified product.

No. of Pages : 57 No. of Claims : 20

(21) Application No.4389/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :13/06/2014

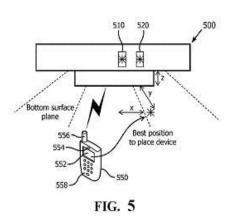
(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD WIRELESS DEVICE AND WIRELESS COMMUNICATIONS SYSTEM TO GUIDE A USER OF A WIRELESS DEVICE TO ESTABLISH AN OPTIMAL WIRELESS DIRECT LINK TO ANOTHER WIRELESS 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 	:H04W76/02,H04M1/725,H04W84/18 :61/565648 :01/12/2011 :U.S.A. :PCT/IB2012/056450 :15/11/2012 :WO 2013/080080 :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor : 1)DEES Walter 2)BERNSEN Johannes Arnoldus Cornelis 3)HOLTMAN Koen Johanna Guillaume 4)VAN DE LAAR Franciscus Antonius Maria
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A system method and protocol for guiding a user to establish an optimal wireless link. The method provides a first device (550) to communicate with a second device (500) in a wireless network the method including: receiving by the first device (550) location information of at least one antenna (510 520) in the second device (500); providing by the first device (550) an audio visual or audiovisual representation of the location of the at least one antenna (510 520) in the second device (500).



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

(19) INDIA

(22) Date of filing of Application :13/06/2014

(43) Publication Date : 22/01/2016

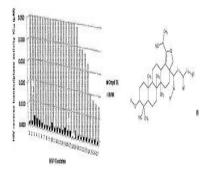
(21) Application No.4412/CHENP/2014 A

(54) Title of the invention : DERIVATIV	ES OF BETULIN	
 (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 	:C07C69/753 :61/576448 :16/12/2011 :U.S.A.	 (71)Name of Applicant : 1)GLAXOSMITHKLINE LLC Address of Applicant :5 Crescent Drive Philadelphia Pennsylvania 19112 U.S.A. (72)Name of Inventor : 1)HATCHER Mark Andrew 2)JOHNS Brian Alvin 3)MARTIN Michael Tolar 4)TABET Elie Amine 5)TANG Jun

(57) Abstract :

The present invention relates to compounds characterized by having a structure according to the following Formula I: (I) or a pharmaceutically acceptable salt thereof. Compounds of the present invention are useful for the treatment or prevention of HIV.

FIG. 1 Compared 51 has Superior HIV-1 Polymorphism Coverage to Benimut



No. of Pages : 513 No. of Claims : 130

(21) Application No.4413/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :13/06/2014

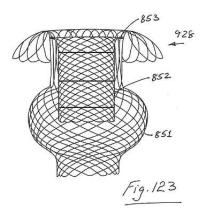
(43) Publication Date : 22/01/2016

(51) International classification(31) Priority Document No	:A61F5/00 :61/577302	(71)Name of Applicant : 1)VYSERA BIOMEDICAL LIMITED
(32) Priority Date	:19/12/2011	Address of Applicant :BMR House Parkmore Business Park
(33) Name of priority country	:U.S.A.	West. Galway Ireland
(86) International Application No	:PCT/EP2012/076153	(72)Name of Inventor :
Filing Date	:19/12/2012	1)BEHAN Niall
(87) International Publication No	:WO 2013/092715	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : A LUMINAL PROSTHESIS AND A GASTROINTESTINAL IMPLANT DEVICE

(57) Abstract :

A luminal prosthesis comprises a first part which is adapted to be retained in a lumen and a second part which is connected to the first part such that a force applied to the second part is at least partially isolated from the first part. The second part may be adapted for mounting of a device such as a valve. A connector between the first part and the second part may comprise at least one tether and/or at least one strut and/or at least one wire. In one case the first part and the second part are formed from a single precursor such as one continuous stent which is folded to form the first part and the second part.



No. of Pages : 125 No. of Claims : 45

(21) Application No.4264/CHENP/2014 A

(19) INDIA

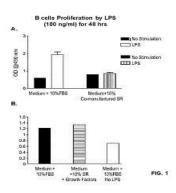
(22) Date of filing of Application :09/06/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : KIT COMPRISING SERUM REPLACEMENT AND LABILE FACTORS (51) International classification :C12N5/00 (71)Name of Applicant : (31) Priority Document No 1)ESSENTIAL PHARMACEUTICALS LLC :61/558740 (32) Priority Date :11/11/2011 Address of Applicant :770 Newton Yardley Road Suite 212 (33) Name of priority country Newtown PA 18940 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/064508 (72)Name of Inventor : Filing Date :09/11/2012 1)ELHOFY Adam (87) International Publication No 2)WEBER Allan :WO 2013/071151 (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 relates in general to a kit comprising a serum replacement and one or more labile factors such as growth factors packaged separately in the kit. It is contemplated that the kit provides advantages to improve cell growth in culture compared to cells cultured not using the kit described herein.



No. of Pages : 30 No. of Claims : 34

(21) Application No.4021/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :28/05/2014

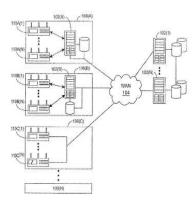
(43) Publication Date : 22/01/2016

(54) Title of the invention : SYSTEM AND METHOD FOR LOCATION BASED INTERACTIVE CONSUMER ENGAGEMENT PLATFORM

(51) Internationalclassification(31) Priority Document No	:H04W4/02,H04W88/16,G06Q50/10 :61/553182	 (71)Name of Applicant : 1)SWEETSPOT WIFI Address of Applicant :395 Page Mill Road Palo Alto CA
(32) Priority Date(33) Name of prioritycountry	:29/10/2011 :U.S.A.	94306 U.S.A. (72)Name of Inventor : 1)NGUYEN Nhan
(86) International Application No Filing Date	:PCT/US2012/062496 :29/10/2012	2)MIAN Shoiab 3)SMITH Michael S. 4)ROSS Ryan
(87) International Publication No	¹ :WO 2013/063612	5)ZELINGER Steve
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A location based wireless consumer interactive system is disclosed. The system includes a first gateway device stationed at a first location which includes a first antenna configured to generate a first wireless zone covering a preassigned area proximal to the first location. The first gateway device includes a first network interface coupled to the first antenna which is configured to communicate with a client device that is connected to the first wireless zone. The first gateway device includes a first memory configured to store a first content profile received from a server device via the first network interface wherein the first memory stores executable programming instructions to process preloaded consumer content of the first content profile. The first gateway device includes a first processor configured to generate a first interactive content site containing the consumer content on the client device.



No. of Pages : 57 No. of Claims : 19

(21) Application No.4022/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :28/05/2014

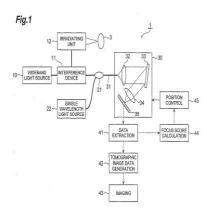
(43) Publication Date : 22/01/2016

(54) Title of the invention : SPECTROSCOPIC IMAGING DEVICE ADJUSTING METHOD AND SPECTROSCOPIC IMAGING SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:G01J3/02,G01J3/36,G01N21/17 :2012150594 :04/07/2012 :Japan	1)SUMITOMO ELECTRIC INDUSTRIES LTD. Address of Applicant :5 33 Kitahama 4 chome Chuo ku Osaka shi Osaka 5410041 Japan
 (86) International Application No. Filing Date (87) International Publication No. (61) Patent of Addition to Application Number Filing Date 	:03/07/2013	 (72)Name of Inventor : 1)TANAKA Masato 2)HIRANO Mitsuharu 3)SOGAWA Ichiro
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

nnA spectroscopic imaging device adjusting method adjusts the relative arrangement relationship among a collimator lens a diffraction grating a collecting lens and an array type light receiving unit so as to maximize the value of a formula (1) below for the output value (f) obtained from each light receiving sensor (P) when a monochromatic light is input to a spectroscopic imaging device (where n is integers of 1 to N inclusive).



No. of Pages : 46 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :05/06/2014

(43) Publication Date : 22/01/2016

(21) Application No.4209/CHENP/2014 A

(54) Title of the invention : LAMINATED	REINFORCED HOSE	
 (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 	:F16L11/08 :2011250156 :15/11/2011 :Japan	 (71)Name of Applicant : 1)TOYOX CO. LTD. Address of Applicant :4371 Maezawa Kurobe shi Toyama 9388585 Japan (72)Name of Inventor : 1)NAKAGAWA Yoshihiro

(57) Abstract :

The invention prevents rupture of the outer layer resulting from the coil digging into same which is associated with partial hose collapse and deformation. By knitting the reinforcing threads or reinforcing fibers of a second reinforcing layer (4) into a tubular shape and integrally laminating along the outside of a coil (3) and integrally laminating an outer layer (5) along the outside of the second reinforcing layer (4) the second reinforcing layer (4) is disposed between the coil (3) and the outer layer (5) so as to cover the outer surface of the coil (3). Therefore even if a part of the coil (3) in the axial direction collapses locally into a flat shape in the radial direction and is compressed and deformed into a substantially elliptical cross sectional shape as a result of the local collapsing and deformation of a part of a hose (A) in the radial direction the areas thereof that are bent substantially into V shapes and are pointed do not directly impinge on and dig into the inner surface (5a) of the outer layer (5).

No. of Pages : 16 No. of Claims : 4

N (21) Application No.4335/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :11/06/2014

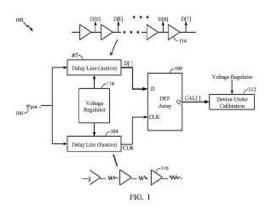
(43) Publication Date : 22/01/2016

(51) International classification	:H03K5/13	(71)Name of Applicant :
(31) Priority Document No	:61/587705	1)QUALCOMM INCORPORATED
(32) Priority Date	:18/01/2012	Address of Applicant : Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 U.S.A.
(86) International Application No	:PCT/US2013/021836	(72)Name of Inventor :
Filing Date	:17/01/2013	1)CHEN Wilson J.
(87) International Publication No	:WO 2013/109688	2)TAN Chiew Guan
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : ON CHIP COARSE DELAY CALIBRATION

(57) Abstract :

Process voltage and temperature corners of an on chip device under calibration are obtained by comparing the outputs of different on chip components such as active onchip components and passive on chip components in response to an input. A first onchip delay line including a number of active devices which generate an array of outputs (D[]) at different stages of the delay. A second on chip delay line generates a single output (CLK). A DFF array samples the array of outputs (D[]) with the single output clock CLK. The different delay variations in different process and temperature corners cause different outputs from the DFF array. The different outputs from the DFF array provide information about the process and temperature corner that can be for rapid calibration of the on chip device under calibration within one cycle of the CLK.



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

(19) INDIA

(22) Date of filing of Application :29/05/2015

(21) Application No.1621/KOLNP/2015 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : PROTEIN PURIFICATION (51) International classification :C12N15/00 (71)Name of Applicant : (31) Priority Document No 1)GLAXOSMITHKLINE BIOLOGICALS S.A. :61/739,149 (32) Priority Date :19/12/2012 Address of Applicant :rue de l'Institut 89, B-1330 Rixensart (33) Name of priority country BELGIUM :U.S.A. (86) International Application No :PCT/EP2013/076859 (72)Name of Inventor : Filing Date :17/12/2013 1)GAGNON, Louis-Patrick (87) International Publication No 2)WILLIAMS, John :WO 2014/095828 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Processes for the purification of NY-ESO-1 related polypeptides, as well as polypeptides produced by these processes are provided herein; a composition comprising pure and stable NY-ESO-1 is also provided.

No. of Pages : 35 No. of Claims : 36

(21) Application No.1622/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/05/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : PREPARATION OF PHENOL-FORMALDEHYDE RESIN BEADS USING SUSPENSION OR EMULSION POLYMERIZATION

Filing Date	:27/11/2013 :WO 2014/085603 :NA :NA	 (71)Name of Applicant : 1)GEORGIA PACIFIC CHEMICALS LLC Address of Applicant :133 Peachtree Street NE, Atlanta, GA 30303 UNITED STATES OF AMERICA. (72)Name of Inventor : 1)QURESHI, Shahid P. 2)DONG, Xing 3)CHAN, Charles C. 4)LUDVIK, Joseph, Frank
(62) Divisional to Application Number Filing Date	:NA :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 	 (31) Priority Document No (32) Priority Date (33) Name of priority country (34) Priority Date (35) International Application No (36) International Publication No (37) International Publication No (38) International Publication No (39) International Publication No (31) Publication No (32) Publication No (32) Publication No (33) Publication No (34) Publication No (35) Publication No (36) Publication No (36) Publication No (37) Publication No (36) Publication No (36) Publication No (36) Publication No (37) Publication No (38) Publication No (38) Publication No<

(57) Abstract :

Methods for making polymer particles in gel form via an emulsion and/or suspension polymerization are provided. In at least one specific embodiment, the method can include reacting a first reaction mixture comprising a phenolic monomer, an aldehyde monomer, and a first catalyst to produce a prepolymer. The method can also include combining the prepolymer with a carrier fluid and a second catalyst to produce a second reaction mixture. The second catalyst can include a dicarboxylic acid, an anhydride, a dihydroxybenzene, or any mixture thereof. The method can also include polymerizing the prepolymer to form polymer particles in gel form.

No. of Pages : 55 No. of Claims : 20

(21) Application No.1623/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/05/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD SYSTEM AND CLIENT DEVICE FOR MAPPING MULTIPLE VIRTUAL MACHINES

(32) Priority Date:07/12/2012Address of Applicant :Huawei Administration Building(33) Name of priority country:ChinaBantian Longgang Shenzhen Guangdong 518129 China(86) International Application No:PCT/CN2013/079682(72)Name of Inventor :Filing Date:19/07/20131)HU Zhaoyang(87) International Publication No:WO 2014/0861512)GAO Xiaohong(61) Patent of Addition to Application:NA3)XIONG WenhuiNumber:NA:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAFiling Date:NA	 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:PCT/CN2013/079682 :19/07/2013 :WO 2014/086151 :NA :NA :NA	(72)Name of Inventor :1)HU Zhaoyang2)GAO Xiaohong
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(57) Abstract :

Disclosed are a method, a system and a client device for mapping multiple virtual machines. The method comprises: a client device separately obtaining display parameters of N connected display devices; when the client device is connected to M virtual machines, the client device separately receiving virtual desktops pushed by the M virtual machines; the client device separately selecting, according to the display parameters of the N display devices, a display device for the M virtual machines from the N display devices; the client device outputting the virtual desktops of the M virtual machines to the display devices separately selected for the M virtual machines, so as to implement the display, N being less than M, and N and M being both natural numbers, and M being not less than 2. By using the embodiments of the present invention, when the client device is connected to multiple display devices, the client device can map virtual desktops of the connected multiple virtual machines to different display devices for display, thereby improving the utilization rate of the client device, thereby meeting the demand of a user when multiple virtual machines are used.

No. of Pages : 44 No. of Claims : 20

BLICATION

(19) INDIA

(22) Date of filing of Application :29/05/2015

(43) Publication Date : 22/01/2016

(21) Application No.1624/KOLNP/2015 A

(51) International classification :H04L12/24 (71)Name of Applicant : (31) Priority Document No 1)HUAWEI TECHNOLOGIES CO. LTD. :NA (32) Priority Date :NA Address of Applicant : Huawei Administration Building (33) Name of priority country Bantian Longgang District Shenzhen Guangdong 518129 China :NA (86) International Application No :PCT/CN2012/085008 (72)Name of Inventor : Filing Date 1)YE Sihai :22/11/2012 (87) International Publication No :WO 2014/079009 2)SHI Xun (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : MANAGEMENT CONTROL METHOD DEVICE AND SYSTEM FOR VIRTUAL MACHINE

(57) Abstract :

Provided are a management control method, device and system for a virtual machine. The method in the embodiments of the present invention comprises: a security control platform receiving a request message for starting a virtual machine from a user terminal, which is forwarded by a management platform, the request message for starting a virtual machine comprising an identifier of the virtual machine to be started and user information; invoking a third-party trusted platform to determine that the request message for starting a virtual machine is initiated by the user terminal according to an authorized user instruction; and authenticating the user information, and invoking the third-party trusted platform to decapsulate the virtual machine to be started on the basis of successful authentication. Thus, it is guaranteed that other user terminals (including the management platform) will not acquire a key for the third-party trusted platform, and the security of the virtual machine management control is improved, thereby also improving the security of a cloud computing platform.

No. of Pages : 53 No. of Claims : 30

(22) Date of filing of Application :29/05/2015

(19) INDIA

(21) Application No.1625/KOLNP/2015 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND DEVICE FOR GROUP MANAGEMENT IN MACHINE COMMUNICATION (51) International classification :H04W4/08 (71)Name of Applicant : (31) Priority Document No 1)HUAWEI TECHNOLOGIES CO. LTD. :NA (32) Priority Date :NA Address of Applicant : Huawei Administration Building (33) Name of priority country Bantian Longgang Shenzhen Guangdong 518129 China :NA (86) International Application No :PCT/CN2012/085062 (72)Name of Inventor : Filing Date 1)GAO Ying :22/11/2012 :WO 2014/079019 (87) International Publication No (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Provided in the present invention are a method and device for group management in machine communication, for increasing the flexibility for a user to establish and use M2M groups. The method for group management in machine communication comprises: receiving a group establishment request transmitted by a requesting device, where the group establishment request comprises the group type of a group for which establishment is requested; checking for coherence between the member types of members in the group and the group type, configuring a coherence check identity of the group on the basis of the result of the coherence check; and returning to the requesting device a group establishment response comprising the result of the coherence check. By configuring the coherence check identity for the group, and by notifying the requesting device of the one-time identity in the group establishment response, the establishment of the group is prevented from failure due to type check, thus flexibility is greatly increased for users in using M2M technologies.

No. of Pages : 43 No. of Claims : 17

(21) Application No.1626/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/05/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : BRASS ALLOY EXHIBITING EXCELLENT RECYCLABILITY AND CORROSION RESISTANCE

 (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 	:C22C9/04 :2012-241138 :31/10/2012 :Japan :PCT/JP2013/060652 :08/04/2013 :WO 2014/069020 :NA :NA :NA	 (71)Name of Applicant : 1)KITZ CORPORATION Address of Applicant :10-1, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba, 2618577 JAPAN (72)Name of Inventor : 1)TAMEDA, Hidenobu 2)TERUI, Hisanori 3)ITO, Kei 4)OZASA, Tomoyuki
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(57) Abstract :

Provided is a brass alloy which exhibits excellent recyclability and corrosion resistance while avoiding the addition of Bi and Si, and with which machinability is ensured and processing is facilitated without the inclusion of lead. The present invention includes at least 58.0-63.0 mass% of Cu, 1.0-2.0 mass% of Sn, and 0.05-0.29 mass% of Sb, the remainder comprising Zn and unavoidable impurities. With the present invention, stress corrosion crack resistance and machinability are improved. 0.05-1.5 mass% of Ni is included in a copper alloy to improve stress corrosion crack resistance as a result of the interaction between Ni and Sb. Furthermore, 0.05-0.2 mass% of P is included to improve anti-dezincification properties.

No. of Pages : 85 No. of Claims : 7

(21) Application No.1627/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/05/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : HIGHLY PURE POWDER INTENDED FOR THERMAL SPRAYING

(51) International classification	n:C01G27/02,C01F17/00,C23C4/10	(71)Name of Applicant :
(31) Priority Document No	:12/61,421	1)SAINT-GOBAIN CENTRE DE RECHERCHES ET
(32) Priority Date	:29/11/2012	D'ETUDES EUROPEEN
(33) Name of priority country	:France	Address of Applicant :18 avenue dAlsace Les Miroirs, F-
(86) International Application	:PCT/IB2013/060514	92400 Courbevoie FRANCE
No	:29/11/2013	(72)Name of Inventor :
Filing Date	.29/11/2013	1)BILLIERES Dominique
(87) International Publication	:WO 2014/083544	2)ALIMANT, Alain
No	. WO 2014/085344	3)WALLAR, Howard
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date		
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date		

(57) Abstract :

Powder of particles more than 95% by number of said particles exhibiting a circularity greater than or equal to 0.85 wherein said powder contains more than 99.8% of a rare earth oxide and/or of hafnium oxide and/or of yttrium aluminium oxide as percentage by weight relative to the oxides and has: a median particle size D 50 of between 10 and 40 microns and a size dispersion index (D 90 D 10)/D 50 of less than 3; a percentage by number of particles having a size less than or equal to 5 μ m which is less than 5%; an apparent density dispersion index (P < 50 P)/P of less than 0.2 the cumulative specific volume of the powder are the particle sizes than 1 μ m being less than 10% of the apparent volume of the powder in which the percentiles Dn of the powder are the particle sizes corresponding to the percentages by number of n% on the curve of cumulative distribution of the particle size of the powder the particle sizes being classified in increasing order the density P < 50 being the apparent density of the fraction of particles having a size less than or equal to D50 and the density P being the apparent density of the powder.

No. of Pages : 33 No. of Claims : 14

(21) Application No.1628/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/05/2015

(43) Publication Date : 22/01/2016

(51) International classification :H04L25/02 (71)Name of Applicant : (31) Priority Document No 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) :61/721573 (32) Priority Date :02/11/2012 Address of Applicant :S 164 83 Stockholm Sweden (33) Name of priority country (72)Name of Inventor : :U.S.A. (86) International Application No :PCT/SE2013/050986 1)LARSSON Erik Filing Date :21/08/2013 2)VON WRYCZA Peter (87) International Publication No :WO 2014/070069 3)WANG Yi Pin Eric (61) Patent of Addition to Application 4)SAMUEL BEBAWY Michael :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : NETWORK NODE USER NODE AND METHODS FOR CHANNEL ESTIMATION

(57) Abstract :

A method in a network node for estimating a channel from a user node to the network node is provided. The network node receives first pilots. The network node receives (502) additional pilots from the user node. The network node estimates (503) the channel based on the additional pilots. The additional pilots are any one out of: pilots in an existing channel modified to create space for the additional pilots and an existing mechanism modified to be used as the additional pilots.

No. of Pages : 39 No. of Claims : 18

(21) Application No.1629/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/05/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND DEVICE OF PERFORMING MULTI RADIO ACCESS BEARER POWER SCALING

 (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 	:61/796097 :02/11/2012 :U.S.A. :PCT/SE2013/051256 :29/10/2013 :WO 2014/070081 :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)KONUSKAN Cagatay 2)HOGAN Billy 3)ANDERSSON Andreas

(57) Abstract :

The present disclosure relates to a method and user equipment UE in a wireless communication network of performing power scaling on uplink transmission to a receiving radio access node RAN. In particular the disclosure relates to a method and user equipment for power scaling on a multi radio access bearer multi RAB wherein a Dedicated Physical Data Channel DPDCH and an enhanced Dedicated Physical Data Channel E DPDCH are configured for uplink transmission from the UE to the receiving RAN. The method comprises determining(S31) a total UE transmit power exceeding a predetermined maximum power limit value. The total UE transmit power is reduced (S32) to the predetermined maximum power limit value by reducing one or more E DPDCH gain factors by an equal scaling factor. A DPDCH transmission status is determined (S33) whereupon a power scaling procedure is selected (S34) based on the determined DPDCH transmission status. The selected power scaling procedure is applied (S35) on the uplink transmission.

No. of Pages : 22 No. of Claims : 5

(21) Application No.1630/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/05/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : NETWORK NODE USER EQUIPMENT METHODS THEREIN COMPUTER PROGRAM PRODUCT AND A COMPUTER STORAGE MEDIUM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:H04W52/14,H04W36/18,H04W52/32 :61/796095 :02/11/2012 :U.S.A.	 (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :SE 164 83 Stockholm Sweden (72)Name of Inventor : 1)LARSSON Erik 2)VON WRYCZA Peter
(86) International Application No Filing Date	:PCT/SE2013/051277 :01/11/2013	3)WANG Yi Pin Eric 4)SAMUEL BEBAWY Michael
(87) International Publication No	:WO 2014/070093	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Embodiments herein relate to a method in a network node (12 15) for managing transmit power of a user equipment (10) in a cellular network (1); wherein the network node (12 15) is comprised in the cellular network (1) and serves the user equipment (10). The network node (12 15) increases a power of a control channel of the user equipment (10). The network node (12 15) further limits a power increase of a data channel to a level by reducing a power of a serving grant of the user equipment (10) an amount which amount corresponds to the increased power of the control channel. The network node (12 15) also reduces a reference value of the data channel for maintaining a transport block size of the data channel which reference value determines mapping from the serving grant to the transport block size.

No. of Pages : 44 No. of Claims : 30

(21) Application No.1631/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/05/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : TRANSACTION SYSTEM AND TRANSACTION 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 	:PCT/CN2013/086206 :30/10/2013 :WO 2014/067456 :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
Number Filing Date	:NA :NA	

(57) Abstract :

Provided are a transaction system and a transaction method. The transaction system comprises: a first electronic signature tool for making a first signature on transaction data and sending the transaction data subjected to the first signature to a network bank server; the network bank server for receiving the transaction data sent by the first electronic signature tool having been subjected to the first signature and performing authentication thereon and sending the transaction data to at least one second electronic signature tool after the authentication has passed; and the at least one second electronic signature tool for receiving the transaction data sent by the network bank server performing verification on the transaction data receiving confirmation information input by a user after the verification has passed and making a second signature on the transaction data and sending the transaction data having been subjected to the second signature to the network bank server. The present invention ensures the security of a transaction process realizes remote transaction in the case that a transaction initiation party and a transaction confirmation party are not present simultaneously and is convenient to use and strong in security.

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

(21) Application No.1632/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/05/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR MANUFACTURING OF PRINTED PRODUCT MICRO FEATURES AND ARRANGEMENT FOR CONTINUOUS PRODUCTION OF SUCH A PRODUCT.

(51) International classification	:B41M1/10,B41F9/00,G03F7/00	(71)Name of Applicant :
(31) Priority Document No	:12512471	1)ROLLING OPTICS AB
(32) Priority Date	:02/11/2012	Address of Applicant :Solna Strandväg 3 S 171 54 Solna
(33) Name of priority country	:Sweden	Sweden
(86) International Application No	D:PCT/SE2013/051253	(72)Name of Inventor :
Filing Date	:25/10/2013	1)LUNDVALL Axel
(87) International Publication No :WO 2014/070079		
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.INA	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date		

(57) Abstract :

A method for manufacturing a printed product comprises provision (210) of a matrix comprising a matrix surface having a plurality of recesses. A first curable compound is applied (212) to the matrix surface to fill the recesses with the compound. The matrix surface and the filled recesses are covered (220) by a pickup layer of a second curable compound. The matrix is brought (230) in contact with the substrate surface and the first curable compound and the second curable compound are cured (232). The matrix surface is separated (234) from the substrate surface leaving the pickup layer and the first curable compound on the substrate surface. The pickup layer and the first curable compound are thus transferred (240) together from the matrix surface onto a substrate surface of a substrate sheet. The first curable compound forms printed product micro features at the pickup layer covering the substrate surface.

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

(19) INDIA

(21) Application No.1633/KOLNP/2015 A

(22) Date of filing of Application :30/05/2015

(43) Publication Date : 22/01/2016

(51) International classification :G06K9/64 (71)Name of Applicant : (31) Priority Document No :201310547631.0 1)XIAOMI INC. (32) Priority Date :06/11/2013 Address of Applicant :Floor 13 Rainbow City Shopping Mall (33) Name of priority country of China Resources NO. 68 Qinghe Middle Street Haidian District :China (86) International Application No :PCT/CN2014/077498 Beijing 100085 China Filing Date :14/05/2014 (72)Name of Inventor : (87) International Publication No 1)LI Jiajia :WO 2015/067020 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : STATION CAPTION RECOGNITION METHOD DEVICE TELEVISION AND SYSTEM

(57) Abstract :

Disclosed are a station caption recognition method device television and system which belong to the field of image recognition. The method comprises: acquiring an image of a television picture; for each pre stored standard station caption according to position information about the standard station caption selecting a region corresponding to the position information from the image of the television picture as a matching region of the standard station caption wherein the position information is information about a position of the standard station caption picture; and according to matching results of the various standard station captions and the corresponding matching regions recognizing a station caption in the image of the television picture. The present disclosure by reducing a matching region to the size of a standard station caption itself solves the problem in the related art that the station caption recognition speed is too slow due to the fact that the selected matching region in the image of the television picture is relatively large so that the effects of reducing the matching region and increasing the station caption recognition speed are achieved.

No. of Pages : 59 No. of Claims : 19

(21) Application No.1634/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/05/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : MESSAGE DISPLAY METHOD APPARATUS AND TERMINAL 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 	:G06F3/0484 :201310409726.6 :10/09/2013 :China :PCT/CN2014/077001 :08/05/2014 :WO 2015/035794 :NA :NA :NA :NA	 (71)Name of Applicant : XIAOMI INC. Address of Applicant :Floor 13 Rainbow City Shopping Mall China Resources No. 68 Qinghe Middle Street Haidian District Beijing 100085 China (72)Name of Inventor : LIU Daokuan ZHANG Xu WANG Bin WENG Haibin
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(57) Abstract :

The present disclosure relates to a message display method apparatus and terminal device. The method comprises the following steps: receiving a message marking instruction for a message in a message display window; processing the message according to the message marking instruction; and updating a processed message to the message display window. With the embodiments of the present disclosure a message display window can be marked and the message that can be marked can provide more functions for a user. For example when a user sends an error message the user does not need to explain the error message by using the method in the embodiments of the present disclosure but marks the error message thereby improving the speed and efficiency in communication between users.

No. of Pages : 67 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :30/05/2015

(21) Application No.1635/KOLNP/2015 A

(43) Publication Date : 22/01/2016

(51) International classification	:H03M13/23	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HUAWEI TECHNOLOGIES CO. LTD.
(32) Priority Date	:NA	Address of Applicant :Huawei Administration Building
(33) Name of priority country	:NA	Bantian Longgang District Shenzhen Guangdong 518129 China
(86) International Application No	:PCT/CN2012/084675	(72)Name of Inventor :
Filing Date	:15/11/2012	1)XIONG Jie
(87) International Publication No	:WO 2014/075267	2)WEI Yuejun
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : DECODING PROCESSING METHOD AND DECODER

(57) Abstract :

comturbocrccomEmbodiments of the present invention provide a decoding processing method and a decoder. The method comprises: obtaining a compound generation matrix G of a Turbo code generation matrix G and a cyclical redundancy check (CRC) generation matrix G; obtaining a log likelihood ratio sequence output by a Turbo code decoder; and using the compound generation matrix G and log likelihood ratio sequence to perform CRC assisted Turbo code iterative ordered statistics decoding to obtain the decoding processing result. A Turbo code decoding method and a device provided in the embodiments of the present invention can improve a decoding performance gain.

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

(19) INDIA

(22) Date of filing of Application :02/06/2015

(21) Application No.1660/KOLNP/2015 A

(43) Publication Date : 22/01/2016

(51) International classification	:B04B9/04,B04B9/12	(71)Name of Applicant :
(31) Priority Document No	:10 2012 110 846.3	1)GEA MECHANICAL EQUIPMENT GMBH
(32) Priority Date	:12/11/2012	Address of Applicant :Werner Habig Str. 1 59302 Oelde
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2013/073117	(72)Name of Inventor :
Filing Date	:06/11/2013	1)MACKEL Jürgen
(87) International Publication No	:WO 2014/072318	2)STRAUCH Dieter
(61) Patent of Addition to Application	:NA	3)DROSTE Johannes
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : SEPARATOR WITH DIRECT DRIVE

(57) Abstract :

The invention relates to a separator (1) having the following: a centrifugal drum (2) with a vertical rotational axis (D); a drive spindle (5) for the centrifugal drum (2) said spindle being rotatably mounted in a drive housing (4) which surrounds or forms a drive compartment (28) by means of a neck bearing (6) and a base bearing (7); and an electric drive motor (20) which has a stator (22) and a rotor (21) said rotor (21) being arranged in the drive compartment (28) of the drive housing (4) directly on the drive spindle (5) in the axial region between the base bearing (7) and the neck bearing (6) wherein the stator (22) is further directly supported in the drive housing (4) and an air gap is formed between the stator (22) and the rotor (21). The stator (22) and the rotor (21) are arranged between the neck bearing (6) and the base bearing (7) in an open manner in the drive compartment (28) which is otherwise completely or substantially closed towards the outside. A lubricating system is provided for lubricating the neck bearing (6) and the base bearing (7) in particular said system being entirely or partly integrated directly into the drive compartment (28). Furthermore at least one or more of the additional features are implemented: a coolant circuit is provided for a flowable coolant said circuit being entirely or partly integrated directly into the drive bousing in particular resting on a corresponding collar portion (26) of the drive housing.

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

(21) Application No.1661/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :02/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : HOLDER FOR A FLUID PRODUCT AND METHOD FOR PRODUCING SUCH A HOLDER

(51) International classification	:B29C49/48,B29C49/04,B29C49/54	(71)Name of Applicant : 1)CARDIFF GROUP NAAMLOZE VENNOOTSCHAP
(31) Priority Document No	:2013/0026	Address of Applicant :Bruinstraat 70 B 3520 Zonhoven
(32) Priority Date	:15/01/2013	Belgium
(33) Name of priority country	:Belgium	(72)Name of Inventor :
(86) International ApplicationNoFiling Date	:PCT/BE2014/000003 :13/01/2014	1)STANDAERT Geert Norbert R.
(87) International Publication No	:WO 2014/110633	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Method for forming a holder (1) by blow moulding with a wall (3) whereby a preform is pushed against a first and second mould part (10 11) to form an intermediate form in which the second mould part (11) is moved and takes the intermediate form with it in order to form an edge (5) between the first and second mould part (10 11) whereby the mould parts (10 11) are such that the edge (5) comprises a first and second edge part (13 14)) of which the second (14) is closer to the wall (3) than the first of which the first (13) makes an angle (a) to the direction of movement of the second mould part (11) and of which the second (14) makes a larger angle (\tilde{A}) to it.

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

(21) Application No.1662/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :02/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR PRODUCING A COMPOUND SEMICONDUCTOR AND THIN FILM SOLAR CELL

(51) International classification	:H01L21/02,H01L21/36	(71)Name of Applicant :
(31) Priority Document No	:12198612.9	1)SAINT GOBAIN GLASS FRANCE
(32) Priority Date	:20/12/2012	Address of Applicant :18 avenue dAlsace F 92400 Courbevoie
(33) Name of priority country	:EPO	France
(86) International Application No	:PCT/EP2013/076158	(72)Name of Inventor :
Filing Date	:11/12/2013	1)JOST Stefan
(87) International Publication No	:WO 2014/095503	2)LECHNER Robert
(61) Patent of Addition to Application	:NA	3)DALIBOR Thomas
Number	:NA	4)ERAERDS Patrick
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method for producing a compound semiconductor (2) comprising the following steps: Producing at least one precursor layer stack (11) consisting of a first precursor layer (5.1) a second precursor layer (6) and a third precursor layer (5.2) wherein said first precursor layer (5.1) is formed in a first stage by precipitating the metals copper indium and gallium onto a body (12) and said second precursor layer (6) is produced in a second stage by precipitating at least one chalcogen selected from sulphur and selenium onto said first precursor layer (5.1) and said third precursor layer (5.2) is produced in a third stage by precipitating the metals copper indium and gallium onto said second precursor layer (5.2) is produced in a third stage by precipitating the metals copper indium and gallium onto said second precursor layer (6); Pre treating the at least one precursor layer stack (11) in a process chamber (13) such that the metals of said first precursor layer (5.1) the at least one chalcogen of said second precursor layer (6) and the metals of the third precursor layer (5.2) are reactively converted to form said compound semiconductor (2).

No. of Pages : 63 No. of Claims : 16

(21) Application No.1670/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :02/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : MULTILAYER BODY AND METHOD FOR PRODUCING A SECURITY ELEMENT

(57) Abstract :

The invention relates to a multilayer body (1, 2,3) and a method for producing a security element. The multilayer body has a metal layer (21). An optically active surface relief is formed on at least some regions of a first surface of the metal layer (21) said first surface facing the top of the multilayer body or forming the top of the multilayer body, and/or a second surface of the metal layer (21) said second surface facing the bottom of the multilayer body or forming the bottom of the multilayer body. The surface relief is formed by a first relief structure (61) in at least one first region (31 to 39) of the multilayer body. The first relief structure (61) has a sequence of elevations (612) and depressions (614) in at least one direction (617) determined by a corresponding azimuth angle said elevations (612) successively following one another with a period P which is smaller than a visible light wavelength. The minima of the depressions (614) lie on a base surface and the first relief structure (61) has a relief depth t which is determined by the distance between the maxima of the elevations (612) of the first relief structure (61) and the base surface in a direction perpendicular to the base surface. The profile shape and/or the relief depth t of the first relief structure (61) is selected such that the coloration of the light (52, 53) which is incident on the first region (31 to 39) at at least one first angle of incidence and which is directly reflected by the metal layer (21) in the first region or directly transmitted through the metal layer is changed in particular by means of the plasmon resonance of the metal layer (21) in the incident light.

No. of Pages : 111 No. of Claims : 46

(21) Application No.1671/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :02/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : DOWNLINK PHYSICAL LAYER PROCESSING IN WIRELESS NETWORKS WITH SYMBOL RATE MAPPING

 (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 	:H04L5/00 :14/041601 :30/09/2013 :U.S.A. :PCT/IB2014/001861 :17/09/2014 :WO 2015/044733 :NA :NA :NA	 (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :Torshamnsgatan 23 164 83 Stockholm Sweden (72)Name of Inventor : 1)FIALLOS Edgard 2)LEBLANC Christien 3)EKER Johan
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(57) Abstract :

A downlink physical layer processing system includes a transport block segmentation processor that receives a transport block and generates segmented blocks from the transport block an encoder that encodes the segmented blocks and forms encoded blocks a mapping processor that maps the encoded blocks to symbols corresponding to resource elements to generate mapped symbols for transmission over a transmission medium and a transmission signal generator that processes the mapped symbols to generate transmission signals for transmission over the transmission medium. The mapping processor maps the encoded blocks to the symbols in response to a control signal generated by the transmission signal generator. The encoder thereby operates in response to timing of data received by the encoder while the mapping processor operates in response to timing of symbols by the transmission signal generator.

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

(21) Application No.1672/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :02/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : MOBILE NETWORK COMMUNICATION METHOD COMMUNICATION DEVICE AND COMMUNICATION SYSTEM

(51) International classification	:H04W48/18	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HUAWEI TECHNOLOGIES CO. LTD.
(32) Priority Date	:NA	Address of Applicant :Huawei Administration Building
(33) Name of priority country	:NA	Bantian Longgang District Shenzhen Guangdong 518129 China
(86) International Application No	:PCT/CN2012/085483	(72)Name of Inventor :
Filing Date	:28/11/2012	1)LI Yan
(87) International Publication No	:WO 2014/082232	2)ZHANG Jin
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided are a mobile network communication method communication device and communication system which can solve the circuitous communication routing problem of a mobility node. A forwarding packet data network gateway stores information about all IP address fields for being allocated to mobility nodes in an overall mobile network and notifies all the surrounding network nodes of the information about all IP address fields. The method comprises: a forwarding packet data network gateway receiving a data packet sent to a mobility node according to the information about the IP address of the mobility node determining a home packet data network gateway of the mobility node then sending a data connection establishment request message to the home packet data network gateway to request to establish a data connection with a base station or a serving gateway of a place where the mobility node is located and finally sending the data packet to the base station or the serving gateway through the channel of the data connection or receiving a data packet sent by the base station or the serving gateway through the channel of the data connection. The present invention is applicable to the field of communications.

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

(21) Application No.1680/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :02/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : PROVIDING A CATLYST FREE DIAMOND LAYER ON DRILLING CUTTERS

 (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 	:NA :NA :NA	 (71)Name of Applicant : 1)DIAMOND INNOVATIONS INC. Address of Applicant :Frank Gao 6325 Huntley Road Worthington Ohio 43085 U.S.A. (72)Name of Inventor : 1)MALIK Abds Sami 2)ZHANG Hui 3)GLEDHILL Andrew 4)VAUGHN Joel
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(57) Abstract :

A method of making a polycrystalline diamond compact including providing a layer of graphene on top of a sintered PCD and transforming the graphene at high pressure and temperature into diamond that is free of metal catalyst. A method of making PCD by providing a layer of graphene powder (38) on top of a layer of diamond powder (36) and a substrate (20) and sintering at high pressure and temperature to transform the graphene into diamond that is free of metal catalyst at the surface. A cutting element for a tool comprisig a substrate a PCD table and a diamond volume that is substantially free of catalytic material. The PCD is between the substrate and the diamond volume.

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

(21) Application No.1681/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :03/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR TREATING FLUORINE CONTAINING WASTEWATER AND APPARATUS FOR TREATING FLUORINE CONTAINING WASTEWATER

 (51) International classification :C02F1/58,B01D61/44,B01D61/5 (31) Priority Document No :2012262252 (32) Priority Date :30/11/2012 (33) Name of priority country :Japan (86) International Application No :PCT/JP2013/002143 (87) International Publication No :WO 2014/083716 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number Filing Date (63) Date (64) Patent of Addition to Application Number Substraint (NA Substra	 2 (71)Name of Applicant : 1)KABUSHIKI KAISHA TOSHIBA Address of Applicant :1 1 Shibaura 1 chome Minato ku Tokyo 1058001 Japan (72)Name of Inventor : 1)MATSUSHIRO Takeshi 2)YAMAZAKI Atsushi 3)FUKAYA Taro 4)IDE Takeshi 5)ISHIZUKA Miwa
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(57) Abstract :

A method for treating fluorine containing wastewater according to an embodiment comprises the steps of: bringing the fluorine containing wastewater into contact with a calcium agent in a reaction vessel to cause the reaction of fluorine in the fluorine containing wastewater with the calcium agent thereby producing calcium fluoride in the fluorine containing wastewater; and subjecting the calcium fluoride to solid/liquid separation in a solid/liquid separation apparatus placed on the downstream side of the reaction vessel to remove the calcium fluoride from the fluorine containing wastewater thereby producing primarily treated water of the fluorine containing the primarily treated water and a slurry containing the fluoride calcium. The method additionally comprises the steps of: electrodialyzing the primarily treated water in an electrodialysis apparatus placed on the downstream side of the solid/liquid separation apparatus to concentrate and remove fluorine ions contained in the primarily treated water thereby producing finally treated water of the fluorine containing wastewater; and washing the solid/liquid separation apparatus with the primarily treated water.

No. of Pages : 37 No. of Claims : 14

(21) Application No.1682/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :03/06/2015

(43) Publication Date : 22/01/2016

(51) International classification :H02H3/02 (71)Name of Applicant : (31) Priority Document No 1)SCHWEITZER ENGINEERING LABORATORIES INC. :13/734041 (32) Priority Date :04/01/2013 Address of Applicant :2350 Ne Hopkins Court Pullman WA (33) Name of priority country 99163 U.S.A. :U.S.A. (86) International Application No :PCT/US2013/078093 (72)Name of Inventor : Filing Date :27/12/2013 1)KASZTENNY Bogdan Z. (87) International Publication No 2)FINNEY Dale S. :WO 2014/107415 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : PREVENTING OUT OF SYNCHRONISM RECLOSING BETWEEN POWER SYSTEMS

(57) Abstract :

The present disclosure provides apparatus systems and methods for preventing out of synchronism closing between power systems. An intelligent electronic device (IED) apparatus may include a control component and a delay component. The control component is configured to selectively control opening and closing of a breaker. The control component selectively outputs a close signal to cause the breaker to connect a first portion of a power delivery system to another portion of the power delivery system. The delay component is configured to delay output of the close signal to the breaker. The delay component includes circuitry independent from control by the control component and the delay component is inconfigurable from a remote location.

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

(21) Application No.1683/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :03/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : ADAPTIVE TRANSMISSION MODE SWITCHING

 (86) International Application Not Filing Date (87) International Publication Not (61) Patent of Addition to Application Number Filing Date 	:21/10/2013 :WO 2014/072782 :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)CHEN Xixian 2)DEANE Peter 3)LAI Xiaoming
(61) Patent of Addition to Application Number	:NA	

(57) Abstract :

A node (28) of a radio access network (20) communicates over a radio interface (32) with a wireless terminal (30). The node (28) comprises a transmitter (34) and a controller (40). The transmitter (34) selectively operates in plural multiple input multiple output (MIMO) modes for downlink transmission over the radio interface (32). The controller (40) uses both a terminal speed value and a throughput value to make a determination when to switch between the plural multiple input multiple output (MIMO) modes for communicating with the wireless terminal. The plural MIMO modes comprise a first mode and a second mode. In the first mode open loop MIMO operates with cyclical diversity delay. In the second mode open loop MIMO operates without cyclical diversity delay. Although operating in open loop MIMO advantages such as those of closed loop MIMO are realized.

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

(21) Application No.1684/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :03/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : ROCK BIT TIP AND ROCK BIT

 (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 	:E21B10/16,E21B10/43,E21B10/573 :12195889.6 :06/12/2012 :EPO :PCT/EP2013/074734 :26/11/2013 :WO 2014/086620 :NA :NA :NA	 (71)Name of Applicant : 1)SANDVIK INTELLECTUAL PROPERTY AB Address of Applicant :SE 811 81 Sandviken Sweden (72)Name of Inventor : 1)FINNMAN Karl Oskar
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(57) Abstract :

A rock bit tip (120) comprising a mounting portion (122) an end portion (11) converging from a top end of the mounting portion to form a work surface and at least one recess (125) in a bottom (124) of the mounting portion the recess extending towards said end portion wherein there are more than one recess. The invention further relates to a rock bit.

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

(21) Application No.1685/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :03/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : AN ENTITY AND A METHOD OF OPERATING AN ENTITY OF A WIRELESS LOCAL AREA NETWORK

(51) Internationalclassification(31) Priority Document No(32) Priority Date	:H04W48/14,H04W48/10,H04W84/02 :NA :NA	 (71)Name of Applicant : 1)OPTIS CELLULAR TECHNOLOGY LLC Address of Applicant :P.O. Box 250649 Plano TX 75025 U.S.A.
(33) Name of priority country	:NA	(72)Name of Inventor : 1)STÃLNACKE Per Daniel
(86) International Application No Filing Date	:PCT/EP2012/072201 :08/11/2012	2)NYLANDER Tomas 3)VIKBERG Jari Tapio
(87) International Publication No	:WO 2014/071979	
(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 provides an entity of a Wireless Local Area Network WLAN such as a WLAN access point or access controller. The entity includes a processor configured to obtain load information for a cellular mobile network in response to a request for load information received from a device which is not associated with the WLAN. The entity also includes a transmitter configured to transmit the obtained load information to the device. The invention also provides a device such as a cellular phone capable of connecting to a cellular mobile network and associating with a WLAN. The device includes a transmitter a receiver and a processor. The transmitter can transmit a request for load information about a cellular mobile network to an entity of a Wireless Local Area Network when the device is not associated with the WLAN. The receiver can receive the load information. The processor determines whether to associate with the WLAN using the load information.

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

(21) Application No.1686/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :03/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : FLASH COOLING FOR QUENCHING A HYDROLYSIS REACTION OF A BIOMASS FEEDSTOCK

(51) International classification(31) Priority Document No(32) Priority Date	:C13K1/02,B01J3/00,C07H1/08 :PCT/SE2012/051215 :08/11/2012	 (71)Name of Applicant : 1)RENMATIX INC. Address of Applicant :660 Allendale Road King of Prussia
(33) Name of priority country	:Sweden	Pennsylvania 19406 U.S.A.
(86) International Application No	:PCT/SE2013/051324	(72)Name of Inventor :
Filing Date	:08/11/2013	1)CARLIUS Anders
(87) International Publication No	:WO 2014/074066	2)GRAM Andreas
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)KARLSSON Göran 4)JÓHANNESSON Haukur 5)WERNER Torsten
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention describes a process for quenching a hydrothermal dilute acid hydrolysis reaction of a biomass feedstock wherein degradation of an aqueous monomer and/or oligomer sugar mixture is slowed down or stopped by flash cooling of the aqueous monomer and/or oligomer sugar mixture and wherein the flash cooling ensures that a fraction of dissolved and volatile degradation byproducts are removed by a forming vapor stream and wherein a lignin component if present is solidified into a structure with good de watering characteristics allowing for subsequent removal of the lignin component by separation said process resulting in a hydrolyzed solution of sugar monomers and/or oligomers.

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

(19) INDIA

(22) Date of filing of Application :03/06/2015

(21) Application No.1687/KOLNP/2015 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : GARMENT CARRIER

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (34) 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 to Application Number Filing Date (52) Divisional to Application Number Filing Date (53) Name of priority country (54) International Publication (55) Patent of Addition to Application Number Filing Date (52) Divisional to Application No No No No No No No Sum Patent of Addition to Application Number Filing Date No	 (71)Name of Applicant : 1)SUITPACK PTY LTD Address of Applicant :Level 11 15 William Street Melbourne Victoria 3000 Australia (72)Name of Inventor : 1)FRASER Scott
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(57) Abstract :

A garment carrier for carrying a garment having sleeves comprising: a garment support; and a sleeve support positionable over the garment support in use to hold the garment between the garment support and sleeve support to maintain a fold in the garment between each shoulder of the garment and a neck region of the garment so that portions of the sleeves extend from respective shoulders in divergent directions.

No. of Pages : 30 No. of Claims : 23

(21) Application No.1688/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :03/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : FEMORAL COMPONENT FOR A FEMORAL KNEE IMPLANT SYSTEM

(51) International classification(31) Priority Document No	:A61F2/38,A61F2/30,A61F2/28 :NA	(71)Name of Applicant : 1)KANG, Hyung Wook
(32) Priority Date	:NA	Address of Applicant :1160 Runnymead Drive, Los Altos,
(33) Name of priority country	:NA	California 94027 UNITED STATES OF AMERICA.
(86) International Application No	:PCT/US2012/063858	(72)Name of Inventor :
Filing Date	:07/11/2012	1)KANG, Hyung Wook
(87) International Publication No	:WO 2014/074095	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A femoral knee replacement prosthesis is disclosed including a femoral component, a tibial bearing component, and a tibial platform component. The femoral component includes an anterior condyle with a proximal lateral aspect adjacent a proximal medial aspect and separated by a patella groove, a distal lateral aspect adjacent a distal condyle medial aspect, and a lateral posterior condyle parallel with a medial posterior condyle. The distal condyle lateral and medial aspects are inferior the proximal lateral and medial aspects and the lateral and medial posterior condyles extend posteriorly from the distal condyle lateral and medial aspects. The tibial bearing component includes a proximal side for mating with the femoral component and a distal side. The tibial platform component includes a proximal side with an opening for receiving the tibial bearing component and a distal side including a post adapted to be fixed in a tibia.

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

(21) Application No.1695/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :03/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : ONBOARD DEVICE AND METHOD FOR ANALYZING FLUID IN A HEAT 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 Filing Date 	:G01N21/35,G01N21/27,G01N21/31 :1261758 :07/12/2012 :France :PCT/FR2013/052941 :04/12/2013 :WO 2014/087103 :NA :NA	 (71)Name of Applicant : 1)SP3H Address of Applicant :Btiment Laennec - BP 40022, Domaine du Petit Arbois, F-13545 Aix-en-Provence Cedex 4 FRANCE (72)Name of Inventor : 1)OBERTI, Sylvain 2)FOURNEL, Johan
11	:NA :NA :NA	
(57) Abstract		

(57) Abstract :

The present invention relates to a method for controlling a spectrometer for analyzing a product; the spectrometer comprising a light source (LS) comprising several light-emitting diodes (LD1-LD4) having respective emission spectra covering in combination an analysis wavelength band, the method. comprising steps of: supplying at least one of the light- . emitting diodes with a supply current (11-14)to switch it on, measuring a light intensity (LFL1-LFL4) emitted by the light source by measuring a current at a terminal of at least another of the light-emitting diodes maintained off, determining, according to each light intensity measurement, a setpoint value (LC1-LC4) of the supply current of each diode that is on, and regulating the supply current of each diode that is on so that it corresponds to the setpoint value.

No. of Pages : 31 No. of Claims : 15

(21) Application No.1696/KOLNP/2015 A

(19) INDIA

Filing Date

Filing Date

Filing Date

(57) Abstract :

Number

(87) International Publication No

(61) Patent of Addition to Application

(62) Divisional to Application Number

(22) Date of filing of Application :03/06/2015

(43) Publication Date : 22/01/2016

1)BROEKER, Michael

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (34) International Application No (35) Priority Date (36) International Application No (37) Priority Date (38) Name of priority country (39) Priority Country (31) Priority Country (32) Priority Date (33) Name of priority country (34) Priority Country (35) Priority Country (36) International Application No (37) Priority Date (37) Priority Date (38) Priority Country (39) Priority Country (31) Priority Country (32) Priority Country (33) Priority Country (34) Priority Country (35) Priority Country (36) Priority Country (37) Priority Country (37) Priority Pri

(54) Title of the invention : CONJUGATES FOR PROTECTING AGAINST DIPHTHERIA AND/OR TETANUS

:16/12/2013

:NA

:NA

:NA

:NA

:WO 2014/095771

Saccharide conjugate vaccines which use diphtheria toxoid or tetanus toxoid as a carrier protein can confer protection against lethal challenge by diphtheria toxin or tetanus toxin. Thus, in addition to protecting against the bacteria whose saccharides have been attached to the carrier, such conjugate vaccines can also be used to protect against diphtheria and tetanus, so the diphtheria toxoid and tetanus toxoid components of current complex combination vaccines may be superfluous. Therefore the antigenic complexity of these vaccines can be reduced without reducing their breadth of protection, and removing these superfluous components creates space in the vaccine for adding immunogens for protecting against further pathogens. The same effect is not seen with a CRM197 carrier, but this observation makes this carrier more attractive for conjugate vaccines which are given concomitantly with infant combination vaccines that contain Dt and Tt.

No. of Pages : 43 No. of Claims : 28

(21) Application No.1697/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : DATASHEET FOR A SECURITY AND/OR VALUE DOCUMENT

 (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 	:B42D15/00,B42D25/00 :10 2013 000 717.8 :17/01/2013 :Germany :PCT/DE2013/000677 :13/11/2013 :WO 2014/111071 :NA :NA :NA :NA	 (71)Name of Applicant : 1)BAYER MATERIAL SCIENCE AG Address of Applicant :Kaiser Wilhelm Allee 51368 Leverkusen Germany (72)Name of Inventor : 1)PUDLEINER Heinz 2)TZIOVARAS Georgios 3)YESILDAG Cengiz 4)TRÃ-LENBERG Stefan 5)FISCHER Jörg 6)Peinze Franziska
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(57) Abstract :

The invention relates to a datasheet (1) for integrating into a preferably book like security and/or value document. The datasheet (1) is made of at least two stacked layers (2 3) made of an organic polymer material. A textile (5) is arranged at least in a sub region between the layers (2 3) and outside of the layers (2 3) so as to form a tab (4) and the textile (5) is at least partly coated on one or both sides and/or saturated with an organic binder (6) at least in the region between the layers (2 3) and is bonded to the two layers (2 3) by means of the binder (6).

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

(21) Application No.1698/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : GENETICALLY MODIFIED NON HUMAN ANIMALS AND METHODS OF USE THEREOF

:05/11/2012 :U.S.A. :PCT/US2013/068569 :05/11/2013 :WO 2014/071397	 (71)Name of Applicant : REGENERON PHARMACEUTICALS Address of Applicant :777 Old Saw Mill River Road Tarrytown New York 10591 6707 U.S.A. YALE UNIVERSITY INSTITUTE FOR RESEARCH IN BIOMEDICINE (IRB) (72)Name of Inventor : FLAVELL Richard STROWIG Till MANZ Markus G. BORSOTTI Chiara DHODAPKAR Madhav MURPHY Andrew J.
:NA :NA	7)STEVENS Sean 8)YANCOPOULOS George D.
	0:61/722437 :05/11/2012 :U.S.A. :PCT/US2013/068569 :05/11/2013 :WO 2014/071397 :NA :NA :NA

(57) Abstract :

Genetically modified non human animals are provided that may be used to model human hematopoietic cell development function or disease. The genetically modified non human animals comprise a nucleic acid encoding human IL 6 operably linked to an IL 6 promoter. In some instances the genetically modified non human animal expressing human IL 6 also expresses at least one of human M CSF human GM CSF human SIRPa or human TPO. In some instances the genetically modified non human animal is immunodeficient. In some such instances the genetically modified non human animal is engrafted with healthy or diseased human hematopoietic cells. Also provided are methods for using the subject genetically modified non human animals in modeling human hematopoietic cell development function and/or disease as well as reagents and kits thereof that find use in making the subject genetically modified non human animals and/or practicing the subject methods.

No. of Pages : 80 No. of Claims : 22

(21) Application No.1712/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : LIQUID FORMULATION OF PROTEIN CONJUGATE COMPRISING THE OXYNTOMODULIN AND AN IMMUNOGLOBULIN FRAGMENT

(51) Internationalclassification(31) Priority Document No(32) Priority Date	:A61K9/08,A61K38/26,C07K14/605 :1020120124725 :06/11/2012	 (71)Name of Applicant : 1)HANMI PHARM. CO. LTD. Address of Applicant :214 Muha ro Paltan myeon Hwaseong si Gyeonggi do 445 958 Republic of Korea
(33) Name of priority country	:Republic of Korea	 (72)Name of Inventor : 1)KIM Hyun Uk 2)LIM Hyung Kyu
(86) International Application No Filing Date	:PCT/KR2013/009986 :06/11/2013	3)JANG Myung Hyun 4)KIM Sang Yun
(87) International Publication	ⁿ :WO 2014/073842	5)BAE Sung Min 6)KWON Se Chang
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

invivoThe present invention relates to an albumin free liquid formulation comprising a long lasting oxyntomodulin conjugate in which an oxyntomodulin peptide comprising a derivative variant precursor or fragment of oxyntomodulin is linked to an immunoglobulin Fc region which can increase the duration of physiological activity of the long lasting oxyntomodulin conjugate and maintain the stability thereof for an extended period of time as compared to native oxyntomodulin as well as a method for preparing the liquid formulation. The liquid formulation comprises a buffer a sugar alcohol and a nonionic surfactant and does not contain a human serum albumin and factors that are potentially harmful to the human body and thus is not susceptible to viral infection. In addition the oxyntomodulin conjugate of the invention comprises oxyntomodulin linked to an immunoglobulin Fc region and thus has a large molecular weight prolonged physiological activity and excellent storage stability compared to native oxyntomodulin.

No. of Pages : 93 No. of Claims : 31

(21) Application No.1713/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : A COMPOSITION FOR TREATING DIABETES OR DIABESITY COMPRISING OXYNTOMODULIN ANALOG

classification:A61K38/26,C07K14/605,A61K39/395(31) Priority Document No:1020120124724(32) Priority Date:06/11/2012(33) Name of priority country:Republic of Korea(36) International Application No Filing Date:PCT/KR2013/009990	 (71)Name of Applicant : 1)HANMI PHARM. CO. LTD. Address of Applicant :214 Muha ro Paltan myeon Hwaseong is Gyeonggi do 445 958 Republic of Korea (72)Name of Inventor : 1)KIM Jin Sun 2)KIM Dae Jin 3)LEE Sang Hyun 4)JUNG Sung Youb 5)KWON Se Chang
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(57) Abstract :

The present invention relates to a composition for preventing or treating diabetes disbesity or diabetic complications comprising an oxyntomodulin analog as an active ingredient. The invention also relates to a method for treating diabetes diabesity or diabetic complications comprising administering a pharmaceutically effective amount of an oxyntomodulin analog to a subject. The oxyntomodulin analog has a high ability to activate the GLP 1 receptor and the glucagon receptor compared to native oxyntomodulin. The oxyntomodulin analog induces the expansion of beta cells and increases insulin secretion thereby reducing blood glucose levels that were increased due to a high calorie and high fat diet. The oxyntomodulin analog induces decreases in body weight and diet intake to improve insulin sensitivity and allow blood glucose levels which are not controlled due to insulin resistance to be maintained at normal levels. Thus the oxyntomodulin analog can be effectively used to prevent or treat of diabetes and related diseases.

No. of Pages : 62 No. of Claims : 10

(21) Application No.1714/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD APPARATUS AND SYSTEM FOR IMPLEMENTING HOT MIGRATION OF VIRTUAL MACHINE

(51) International classification	:G06F9/00	(71)Name of Applicant :
(31) Priority Document No	:201210504276.4	1)HUAWEI TECHNOLOGIES CO. LTD.
(32) Priority Date	:30/11/2012	Address of Applicant :Huawei Administration Building
(33) Name of priority country	:China	Bantian Longgang Shenzhen Guangdong 518129 China
(86) International Application No	:PCT/CN2013/079570	(72)Name of Inventor :
Filing Date	:18/07/2013	1)WANG Hua
(87) International Publication No	:WO 2014/082459	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed are a method an apparatus and a system for implementing hot migration of a virtual machine. The method comprises: a source virtual machine migration management apparatus on a source physical machine determining non temporary data memory pages of the virtual machine on the source physical machine; duplicating the non temporary data memory pages from the source physical machine; circularly duplicating to the target physical machine dirty pages generated in the process of duplicating the non temporary data memory pages till a rate of the number of the dirty pages that are not duplicated to the number of the non temporary data memory pages is less than a preset value; and when the rate of the number of the dirty pages that are not duplicated to the number of the present invention by classifying the processes and memory pages in a multi threaded process system the temporary data memory pages are not duplicated in a process of circularly duplicating the dirty pages thereby reducing the waste of the system CPU and the network bandwidth and improving user experience.

No. of Pages : 65 No. of Claims : 21

(21) Application No.1613/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :28/05/2015

(43) Publication Date : 22/01/2016

 (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 	:G06F9/44 :201310146121.2 :24/04/2013 :China :PCT/CN2013/085927 :25/10/2013 :WO 2014/173097 :NA :NA :NA :NA	 (71)Name of Applicant : XIAOMI INC. Address of Applicant :Floor 13 Rainbow City Shopping Mall China Resources NO. 68 Qinghe Middle Street Haidian District Beijing 100085 China (72)Name of Inventor : JJIN Fan SUN Daqing WANG Ying
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(54) Title of the invention : ICON DISPLAY METHOD AND APPARATUS

(57) Abstract :

The present invention relates to the technical field of computers. Disclosed are an icon display method and apparatus. The method comprises: monitoring an event of controlling display of an icon that is executed for the icon; if the event of controlling display of an icon is monitored determining animation display parameters according to properties of the icon; and controlling according to the animation display parameters the icon to display in an animation mode. The present invention enriches an icon display effect.

No. of Pages : 31 No. of Claims : 16

(21) Application No.1614/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :28/05/2015

(43) Publication Date : 22/01/2016

· · ·		1
(51) International classification	:G06Q30/00	(71)Name of Applicant :
(31) Priority Document No	:201310314178.9	1)XIAOMI INC.
(32) Priority Date	:24/07/2013	Address of Applicant :Floor 13 Rainbow City Shopping Mall
(33) Name of priority country	:China	of China Resources NO. 68 Qinghe Middle Street Haidian District
(86) International Application No	:PCT/CN2014/072272	Beijing 100085 China
Filing Date	:19/02/2014	(72)Name of Inventor :
(87) International Publication No	:WO 2015/010465	1)WAN Li
(61) Patent of Addition to Application	:NA	2)DAI Wei
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : RECEIVING INFORMATION PROCESSING METHOD AND DEVICE

(57) Abstract :

Disclosed are a receiving information processing method and device which belong to the field of electronic commerce. The method comprises: receiving an anonymous receiving instruction sent by a user; anonymously processing receiving information selected by the user to obtain anonymous information corresponding to the receiving information; generating a first order containing the anonymous information; and providing a third party with the first order. The device comprises: a receiving module used for receiving information selected by the user to obtain anonymous information sent by a user; an anonymous processing module used for anonymously processing the receiving information selected by the user to obtain anonymous information corresponding to the receiving information; an order generation module used for generating a first order containing the anonymous information obtained by the anonymous processing module; and a providing module used for providing the third party with the first order generated by the order generation module. The present disclosure protects the user s privacy by providing the user s anonymous information to the third party instead of the user s receiving information.

No. of Pages : 33 No. of Claims : 12

(21) Application No.1615/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :28/05/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : UNLOCKING PROCESSING METHOD APPARATUS AND DEVICE FOR TERMINAL

(57) Abstract :

Disclosed are an unlocking processing method for a terminal. The method comprises: receiving an input unlocking instruction; according to the unlocking instruction judging whether a current unlocker belongs to first pre set crowd; if the current unlocker does not belong to the first pre set crowd acquiring information about the current unlocker and storing same. By means of the present disclosure information about an illegal user can be recorded thereby improving the usage security of a device. Also disclosed are an unlocking processing apparatus and device for a terminal. By means of the present disclosure information about an illegal user can be recorded thereby improving the usage security of a terminal.

No. of Pages : 48 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :05/06/2015

(21) Application No.1720/KOLNP/2015 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : TWIST DRIL	L	
(51) International classification	:B23B51/02	(71)Name of Applicant :
(31) Priority Document No	:10 2012 112 781.6	1)WALTER AG
(32) Priority Date	:20/12/2012	Address of Applicant :Derendinger Straße 53 72072 Tübinger
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2013/075676	(72)Name of Inventor :
Filing Date	:05/12/2013	1)ROGALLA Siegfried
(87) International Publication No	:WO 2014/095395	2)THOMA Stefan
(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 a twist drill comprising a shaft (2) and a flute portion (3) which extends between a drill tip (4) and the shaft (2) and has at least two flutes (5) which run helically around it at an angle of twist (a) are separated from one another by two webs (6) and have a land (9) extending between the flutes (5) on the circumference of the flute portion (3). In order to provide a twist drill that has the features mentioned at the beginning has better lubrication of the round bevels less wear improved guidance and improved concentricity it is proposed according to the invention that at least two round bevels (11) that are spaced apart from one another are provided on each land (9) and extend on the land (9) at an angle of inclination (β) in relation to the drill axis (10) that is greater than the angle of twist (a) but less than 90°.

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

(21) Application No.1619/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/05/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : HIGH-STRENGTH HOT-ROLLED STEEL SHEET AND MANUFACTURING PROCESS THEREFOR

	n:C22C38/00,C21D9/46,C22C38/14	
(31) Priority Document No	:2013-016452	1)JFE STEEL CORPORATION
(32) Priority Date	:31/01/2013	Address of Applicant :2-3, Uchisaiwai-cho 2-chome, Chiyoda-
(33) Name of priority country	:Japan	ku, Tokyo 1000011 JAPAN
 (86) International Application No Filing Date (87) International Publication 	:PCT/JP2014/000335 :23/01/2014	 (72)Name of Inventor : 1)NAKAJIMA, Katsumi 2)YAMAZAKI, Kazuhiko 2)KAMU (Filler)
(87) International Publication No	:WO 2014/119259	3)KAMI, Chikara
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

There are provided a high-strength hot-rolled steel sheet having high burring formability and a method for manufacturing the highstrength hot-rolled steel sheet. A high-strength hot-rolled steel sheet having high burring formability contains, on a mass percent basis, C: 0.03% or more and 0.1% or less, Si: less than 0.5%, Mn: more than 0.7% and less than 1.2%, P: 0.05% or less, S: 0.005% or less, N: 0.01% or less, Al: 0.1% or less, and Ti: 0.1% or more and 0.25% or less such that C, S, N, and Ti satisfy Ti 0.1 and C X (48/12) -0.14 < Ti < C X (48/12) + 0.08 (wherein Ti = Ti - N x (48/14) - S x (48/32), and C, S, N, and Ti denote the amounts (% by mass) of the corresponding elements), the remainder being Fe and incidental impurities, wherein the high-strength hot-rolled steel sheet has a microstructure in which a ferrite phase fraction is more than 90%, a carbide containing Ti is precipitated, and 70% or more of the carbide has a grain size of less than 9 nm.

No. of Pages : 51 No. of Claims : 9

(21) Application No.1620/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/05/2015

(43) Publication Date : 22/01/2016

(51) International classification :G01N27/407 (71)Name of Applicant : (31) Priority Document No **1)ROBERT BOSCH GMBH** :61/739,954 (32) Priority Date :20/12/2012 Address of Applicant :Postfach 30 02 20, 70442 Stuttgart (33) Name of priority country GERMANY :U.S.A. (86) International Application No :PCT/US2013/075327 (72)Name of Inventor : Filing Date :16/12/2013 1)BOYD, David (87) International Publication No :WO 2014/099751 2)MAGERA, Craig (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : INTAKE GAS SENSOR WITH VORTEX FOR INTERNAL COMBUSTION ENGINE

(57) Abstract :

A gas sensor includes a sensor housing and a sensing element located within the sensor housing. The sensing element defines an axis. The sensing element has a distal end extending from the sensor housing. The gas sensor further includes a sensor protection element coupled to the sensor housing and at least partially surrounding the distal end of the sensing element. The sensor protection element includes a tube having a conical portion, and a gas inlet located on the tube, the gas inlet spaced from the axis. The gas inlet is shaped to direct gas into the tube to induce a vortex gas flow within the conical portion of the tube.

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

(21) Application No.1728/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : FRONTAL ATTACHMENT DEVICE FOR SYRINGE WITH PINCH-ACTIVATED RETRACTION

 (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 	:A61M5/32 :13/842,000 :15/03/2013 :U.S.A. :PCT/US2013/072227 :27/11/2013 :WO 2014/143221 :NA :NA :NA :NA	 (71)Name of Applicant : RETRACTABLE TECHNOLOGIES, INC. Address of Applicant :511 Lobo Lane, Little Elm, TX 75068 UNITED STATES OF AMERICA. SHAW, Thomas, J. (72)Name of Inventor : SHAW, Thomas, J. (72)SMALL, MARK ZHU, NI
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(57) Abstract :

A retractable needle device attachable to the front of a fluid collection or infusion device such as a syringe, the retractable needle device comprising a housing having an engagement member, a slide support surface, a retraction cavity and a first pinch surface; a needle; a needle alignment member comprising a needle tube and a second pinch surface; and a needle retraction mechanism positioned within the needle tube and configured to bias the needle rearwardly; wherein the first and second pinch surfaces are configured so that a pinching force applied to them will cause relative lateral movement between the housing and needle alignment member. This translational movement from an injection position, wherein the needle is aligned with the syringe connector, to a retraction position, wherein the needle is aligned with the retraction cavity, allows the needle retraction mechanism to force the needle into the retraction cavity.

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

(19) INDIA

(22) Date of filing of Application :05/06/2015

(21) Application No.1729/KOLNP/2015 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : SEAT FOR V	/EHICLE	
 (54) The of the invention - SEAT FOR V (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 		 (71)Name of Applicant : 1)TS TECH CO., LTD. Address of Applicant :7-27, Sakaecho 3-chome, Asaka-shi, Saitama 3510012 JAPAN (72)Name of Inventor : 1)ITO, Teppei
Filing Date	:NA :NA	

(57) Abstract :

According to the present invention, the direction of deformation transference of a seat when receiving an impact load is spread out to improve impact absorbance. This seat (S) for a vehicle comprises a seat back (2) having a seat back frame (20) that serves as a framework. The seat back frame (20) has side frames (22) positioned on the left and right sides, and a bottom frame (30) linking together the bottoms of the side frames (22). The bottom frame (30) has a weakened part (40) that deforms when receiving an impact load, and a deformation guiding part (50) for guiding the deforming direction of the weakened part (40). The weakened part (40) and the deformation guiding part (50) are disposed in the center of an area where the vertical width of the center part of the bottom frame (30) is extended to the left and right, and the weakened part and the deformation guiding part are provided within the same horizontal plane.

No. of Pages : 52 No. of Claims : 12

(21) Application No.1616/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/05/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : A G	AS DISTRIBUTION ASSEMBLY	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application N Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date Filing Date 	:30/10/2013	 (71)Name of Applicant : 1)XYLEM WATER SOLUTIONS U.S.A. INC. Address of Applicant :14125 South Bridge Circle Charlotte NC 28273 U.S.A. (72)Name of Inventor : 1)KRALL Joseph G.

(57) Abstract :

A gas distribution assembly comprises an outer pipe (2) and an inner pipe (3) defining a gas supply chamber (4) therebetween. Furthermore the gas distribution assembly comprises means (14) for supplying compressed gas to said gas supply chamber (4) a first end connection (16) connecting first ends of the outer pipe and of the inner pipe and leaving an orifice (17) of the first end (10) of the inner pipe open outwards a second end connection (18) connecting second ends of the outer pipe and of the inner pipe and leaving an orifice (19) of the second end (11) of the inner pipe open outwards wherein the inner pipe comprises a first pipe member (12) including said first end of the inner pipe and a second pipe member (13) including said second end of the inner pipe which pipe members are in telescopic engagement with each other.

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

(21) Application No.1617/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/05/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : SURFACE MODIFICATION OF POROUS BASE SUPPORTS

(62) Divisional to Application Number :NA	Application Number	:B01J20/283,B01D13/38,B01J20/289 :61/721178 :01/11/2012 :U.S.A. :PCT/EP2013/002967 :02/10/2013 :WO 2014/067605 :NA :NA :NA	 (71)Name of Applicant : 1)MERCK PATENT GMBH Address of Applicant :Frankfurter Strasse 250 64293 Darmstadt Germany (72)Name of Inventor : 1)RAHANE Santosh 2)BIAN Nanying 3)SCHEID Daniel 	
Filing Date	0			

(57) Abstract :

The present invention relates to new separation materials with improved binding capacity its manufacturing and application especially for binding protein A.

No. of Pages : 104 No. of Claims : 18

(21) Application No.1618/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/05/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS FOR TREATING OBESITY

	n:A61K31/717,A61P3/04,A61P3/06	
(31) Priority Document No	:FI2012A000268	1)DIOPEITE SA
(32) Priority Date	:03/12/2012	Address of Applicant : Via alla Campagna 7 CH-6900 Lugano
(33) Name of priority country	:Italy	SWITZERLAND
(86) International Application	:PCT/IB2013/060558	(72)Name of Inventor :
No	:02/12/2013	1)BIZZINI, Bernard
Filing Date	.02/12/2013	
(87) International Publication	:WO 2014/087317	
No		
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date		
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date		

(57) Abstract :

A pharmaceutical or dietary composition for oral administration based on activated cellulose, useful in the treatment of obese or overweight subjects and of subjects suffering from hyperglycaemia or from hyperlipidaemia

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

(21) Application No.1724/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR SENDING A PILOT SIGNAL AND NETWORK SIDE DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (36) 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 (62) Divisional to Application Number Filing Date (63) Date (64) Patent of Application Number (65) Divisional to Application Number (66) Date (67) Divisional to Application Number (68) Divisional to Application Number (69) Divisional to Application Number (61) Patent of Application Number (62) Divisional to Application Number (63) Divisional to Application Number (64) Divisional to Application Number (65) Divisional to Application Number (66) Divisional to Application Number (67) Divisional to Application Number (7) Divisional to Application Number (7)	 (71)Name of Applicant : 1)HUAWEI TECHNOLOGIES CO. LTD. Address of Applicant :Huawei Administration Building Bantian Longgang District Shenzhen Guangdong 518129 China (72)Name of Inventor : 1)ZHAO Yueying 2)WANG Zongjie 3)MA Xueli
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(57) Abstract :

A method for sending a pilot signal and a related network side device. The method comprises: when it is detected that data needs to be sent on a data channel sending a first pilot signal to a user equipment the first pilot signal being used in the user equipment for demodulating the data sent by the network side device.

No. of Pages : 34 No. of Claims : 18

(22) Date of filing of Application :05/06/2015

(19) INDIA

(21) Application No.1725/KOLNP/2015 A

(43) Publication Date : 22/01/2016

(51) International classification	:A61M5/32	(71)Name of Applicant :
(31) Priority Document No	:13/841,462	1)RETRACTABLE TECHNOLOGIES, INC.
(32) Priority Date	:15/03/2013	Address of Applicant :511 Lobo Lane, Little Elm, TX 75068
(33) Name of priority country	:U.S.A.	UNITED STATES OF AMERICA.
(86) International Application No	:PCT/US2013/072222	2)SHAW, Thomas, J.
Filing Date	:27/11/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2014/143220	1)SHAW, Thomas, J.
(61) Patent of Addition to Application	:NA	2)SMALL, MARK
Number		3)ZHU, NI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : NEEDLE RETRACTION APPARATUS

(57) Abstract :

A needle retraction apparatus comprising a body having a forwardly projecting needle, a needle retraction mechanism seated inside the body and biasing the needle rearwardly relative to the body, a slide member attachable to the body and having an opening communicating with a needle retraction cavity projecting away from the body, and an actuator rotatable relative to the slide member to reposition the slide member from a first position preventing needle retraction to a second position permitting needle retraction. An IV catheter introducer comprising the subject needle retraction apparatus is also disclosed.

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

(19) INDIA

(22) Date of filing of Application :05/06/2015

(21) Application No.1726/KOLNP/2015 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : CABLE CON	NECTOR 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 	:03/12/2013	 (71)Name of Applicant : 1)AMPHENOL CORPORATION Address of Applicant :358 Hall Avenue, Wallingford, CT 06492 UNITED STATES OF AMERICA. (72)Name of Inventor : 1)ARCYKIEWICZ, Robert 2)NACY, Deep, Wayne
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2014/089064 :NA :NA :NA :NA	2)NAGY, Dean, Wayne

(57) Abstract :

A cable connector system that comprises a first contact assembly that includes a housing and a first contact received in the housing, where the first contact has a cable termination portion and an interface portion that includes a first contact surface and a cap that has a first locking surface. A second contact assembly mates with the first contact assembly and includes a housing and a second contact that has a second contact surface configured to engage the first contact surface and the second contact being rotatable with respect to the first contact. A locking surface engages the first locking surface, the first contact assembly is prevented from moving axially with respect to the second contact assembly while the first contact remains rotatable with the second contact.

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

(21) Application No.1640/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :01/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : SUPPORT APPARATUS FOR A FILTER MEMBRANE AND DISC SHAPED POROUS SUPPORT MEMBER FOR A FILTER MEMBRANE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	n:B01D63/08,B01D35/30,B01L9/00 :12290378.4 :02/11/2012 :EPO	 (71)Name of Applicant : 1)MERCK PATENT GMBH Address of Applicant :Frankfurter Strasse 250 64293 Darmstadt Allemagne Germany
 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:PCT/EP2013/003108 :16/10/2013 :WO 2014/067621 :NA	(72)Name of Inventor : 1)AMSTOUTZ Frederic 2)SCHAAL Vincent
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

A support apparatus of the present invention for a filter membrane comprises a base support and a disc shaped porous support member for the filter membrane. The disc shaped porous support membrane is removably received in a seat portion of the base support in fluid communication with a drain such that a bottom side of the disc shaped porous support member is supported in a support plane. The bottom side of the disc shaped porous support member is unsupported in an area and the unsupported area is adjacent to a space in the seat portion of the base support that is located and dimensioned such that application of a force preferably of a vertical force or force component directed downward onto the top side of the disc shaped porous support member at a location substantially within the boundaries of the unsupported area at the bottom side will cause the disc shaped porous support member to pivot/tilt into the space and lift up above the support plane at a diagonally opposite side from the location where the force is applied so that it can be easily grasped and removed. Alternatively a disc shaped porous support member of the invention for a filter membrane has a bottom side provided with a recess extending from a support plane and extending over an area that is located and dimensioned such that application of a force onto the top side at a location substantially within the boundaries of the recess will cause the disc shaped porous support member to pivot/tilt and lift up from the support plane in a similar manner.

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

(21) Application No.1641/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :01/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : CONTROLLING RESIN PROPERTIES IN A GAS PHASE POLYMERIZATION PROCESS

(31) Priority Document No	:C08F4/6592,C08F2/34,C08F4/02 :2797620	1)NOVA CHEMICALS (INTERNATIONAL) S.A.
(32) Priority Date	:03/12/2012	Address of Applicant : Avenue de la Gare 14 CH 1700
(33) Name of priority country	:Canada	Fribourg Switzerland
(86) International Application	:PCT/CA2013/000889	(72)Name of Inventor :
No	:21/10/2013	1)KER Victoria
Filing Date		2)JIANG Yan
(87) International Publication No	:WO 2014/085901	3)GUILLEN CASTELLANOS Sergio Alejandro
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Methods for dramatically altering the processability of ethylene copolymers made with a supported phosphinimine polymerization catalyst. The method involves changing the polymerization reactor temperature during the polymerization of ethylene and at least one alpha olefin when a titanium based phosphinimine catalyst which comprises a substituted or unsubstituted indenyl ligand and a phosphinimine type ligand is used. An increase in the polymerization temperature leads to a decrease in the copolymer stress exponent and vice versa.

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

(21) Application No.1642/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :01/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR REPORTING BUFFER STATUS AND COMMUNICATION DEVICE 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 	:H04W24/10,H04W28/02 :61/751,282 :11/01/2013 :U.S.A. :PCT/KR2014/000222 :09/01/2014 :WO 2014/109558 :NA :NA :NA	 (71)Name of Applicant : 1)LG ELECTRONICS INC. Address of Applicant :128, Yeoui-daero, Yeongdeungpo-gu, Seoul, 150-721 REPUBLIC OF KOREA (72)Name of Inventor : 1)PARK, Sungjun 2)LEE, Youngdae 3)YI, Seungjune 4)JUNG, Sunghoon
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(57) Abstract :

There is provided a method for reporting buffer status. The method may comprise: establishing a first MAC entity for a first eNodeB and a second MAC entity for a second eNodeB; identifying the first MAC entity on which an uplink data is to be transmitted among the first and second MAC entities, if the uplink data becomes available to be transmitted; and triggering a buffer status report (BSR) for the first MAC entity.

No. of Pages : 49 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :08/06/2015

(21) Application No.1740/KOLNP/2015 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : SAFE AND CONVENIENT DISPOSABLE BLOOD-TAKING NEEDLE WITH DOUBLE-SURFACE CAP

(51) International classification	:A61B5/151	(71)Name of Applicant :
(31) Priority Document No	:201210586058.X	1)STERILANCE MEDICAL (SUZHOU) INC.
(32) Priority Date	:28/12/2012	Address of Applicant :No. 68 Litanghe Road, Xiangcheng
(33) Name of priority country	:China	District Suzhou, Jiangsu 215133 PEOPLE'S REPUBLIC OF
(86) International Application No	:PCT/CN2013/086333	CHINA
Filing Date	:31/10/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2014/101569	1)SHI, Guoping
(61) Patent of Addition to Application	. NT A	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A safe and convenient disposable blood-taking needle with a double-surface cap comprises a needle body (1) with a needle tip (4), a needle handle (2) and a needle cap (3). The needle body (1) is fixed inside the needle handle (2). The needle tip (4) extends from a first end of the needle handle (2) and is inserted in the needle cap (3). A main body of the needle cap (3) is a block body. A first surface (5) and a second surface (6) are arranged on the block body. Both the first surface (5) and the second surface (6) are planes, wherein one is upward, the other is downward, and an included angle between the first surface and the second surface in space is smaller than 45 degrees. A first blind hole (7) is arranged on the first surface (5), a second blind hole (8) is arranged on the second surface (6), and both the first blind hole (7) and the second blind hole (8) are matched with the first end of the needle handle (2) in an insertion relationship. On the block body, other surfaces except the first surface (5) and the second surface (6) are convex-outward arc surfaces or/and convex-outward edge surfaces. The blood-taking needle is particularly suitable for family personal care, can effectively avoid a risk that a hand is punctured by the blood-taking needle again in a process of the needle tip (4) being inserted into the needle cap (3) after use, and is safe and convenient to use.

No. of Pages : 18 No. of Claims : 4

(21) Application No.1734/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : MULTIPLEX NUCLEIC ACID DETECTION METHODS

(51) International classification (31) Priority Document No	n:C12P19/34,C12Q1/68,C07H21/04 :61/734,838	(71)Name of Applicant : 1)INVITAE CORPORATION
(32) Priority Date	:07/12/2012	Address of Applicant :458 Brannan Street, San Francisco,
(33) Name of priority country	:U.S.A.	California 94107 UNITED STATES OF AMERICA.
(86) International Application No Filing Date	:PCT/US2013/073745 :06/12/2013	(72)Name of Inventor :1)OLIVARES, Eric2)SORENSON, Jon
(87) International Publication No	:WO 2014/089536	3)LANDERS, Tom
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Methods for multiplex ligation-dependent probe amplification include (a) providing sample tissue containing different target nucleic acids, (b) providing different probe sets for each of the target nucleic acids, each probe set including a first locus specific probe having a first adapter sequence and a first target specific portion and a second locus specific probe having a second adapter sequence, and a second target specific portion adjacent to the first target specific portion, (c) hybridizing the probe sets to the target sequences to form hybridization complexes, (d) ligating the hybridization complexes to form ligated probes, (e) amplifying the ligated probes to form amplicons, and (f) detecting the amplicons in a detection system by sequencing each of the amplicons.

No. of Pages : 38 No. of Claims : 20

(21) Application No.1735/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : NFC DEVICE COMPRISING CONFIGURABLE NOTIFICATION MEANS

 (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 	:H04W4/00,H04W88/02 :1260850 :14/11/2012 :France :PCT/FR2013/052742 :14/11/2013 :WO 2014/076427 :NA :NA :NA :NA	 (71)Name of Applicant : INSIDE SECURE Address of Applicant :Rue de la Carrière de Bachasson, CS 70025, Arteparc Bachasson, Bt. A, F-13590 Meyreuil FRANCE (72)Name of Inventor : LERCH, Matthias FERROUL, Remy
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(57) Abstract :

The invention concerns a near field communication device (D2) configured to establish a near field communication channel with an external device (EDV), and provide a first host processor (HP1) with application data (CAPDU) transmitted by the external device. The device is configured to provide a second host processor (HP2) with notifications (NCj, NRj) relative to the nature or content of application data provided to the first host processor (HP1), and to configure the notifications on the basis of a characteristic parameter of an application in the context of which the external device sends data to the first host processor.

No. of Pages : 41 No. of Claims : 15

(21) Application No.1736/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : KNOCKOUT FOR USE WHILE NECKING A METAL CONTAINER, DIE SYSTEM FOR NECKING A METAL CONTAINER AND METHOD OF NECKING A METAL CONTAINER

(51) International classification	:B21D51/26,B21D41/04	(71)Name of Applicant :
(31) Priority Document No	:13/722,290	1)ALCOA INC.
(32) Priority Date	:20/12/2012	Address of Applicant : Alcoa Corporate Center, 201 Isabella
(33) Name of priority country	:U.S.A.	Street, Pittsburgh, Pennsylvania 15212-5858 UNITED STATES
(86) International Application No	:PCT/US2013/074126	OF AMERICA.
Filing Date	:10/12/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2014/099496	1)BOYSEL, Darl G.
(61) Patent of Addition to Application	:NA	2)DICK, Robert E.
Number	:NA	3)MYERS, Gary L.
Filing Date	.INA	4)MCNEISH, David J.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A knockout (18) has a support surface (20) and the support surface (20) has: (i) a first knockout outer diameter (30) capable of supporting the first inner diameter (22) of a container side wall (14) when the knockout (18) is inserted into an opening (12) of the metal container (10) and when the metal container (10) is being necked with a necking die (16); and (ii) a second knockout outer diameter (32) capable of supporting the second inner diameter (24) of the container side wall (14) when the knockout (18) is inserted into the opening (12) of the metal container (10) and when the metal container (10) is being necked with the necking die (16); and (ii) a second knockout (18) is inserted into the opening (12) of the metal container (10) and when the metal container (10) is being necked with the necking die (16), and wherein the first knockout outer diameter (30) is larger than the second knockout outer diameter (32).

No. of Pages : 32 No. of Claims : 28

(21) Application No.1737/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/06/2015

(43) Publication Date : 22/01/2016

(51) International classification :C10B29/00,C10B25/00 (71)Name of Applicant : (31) Priority Document No 1)SUNCOKE TECHNOLOGY AND DEVELOPMENT :NA (32) Priority Date :NA LLC. (33) Name of priority country Address of Applicant :1011 Warrenville Road 6th Floor, Lisle, :NA IL 60532 UNITED STATES OF AMERICA. (86) International Application No :PCT/US2012/072174 Filing Date :28/12/2012 (72)Name of Inventor: 1)WEST, Gary, Dean (87) International Publication No :WO 2014/105065 2)CHOI, Chun, Wai (61) Patent of Addition to Application :NA Number 3)HIRT, Thomas, James :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : VENT STACK LIDS AND ASSOCIATED SYSTEMS AND METHODS

(57) Abstract :

The present technology is generally directed to vent stack lids and associated systems and methods. In particular, several embodiments are directed to vent stack lids having improved sealing properties in a coke processing system. In a particular embodiment, a vent stack lid comprises a first lid portion proximate to and at least partially spaced apart from a second lid portion. The vent stack lid further comprises a first sealing portion coupled to the first lid portion and a second sealing portion coupled to the second lid portion. In several embodiments, the second sealing portion at least partially overlaps the first sealing portion over the space between the first and second lid portions. In further embodiments, at least one of the first or second sealing portions includes layers of tadpole seals, spring seals, rigid refractory material, and/or flexible refractory blanket.

No. of Pages : 24 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :30/05/2015

(21) Application No.1637/KOLNP/2015 A

(43) Publication Date : 22/01/2016

(51) International classification	:G06F17/30	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HUAWEI TECHNOLOGIES CO. LTD.
(32) Priority Date	:NA	Address of Applicant :Huawei Administration Building
(33) Name of priority country	:NA	Bantian Longgang Shenzhen Guangdong 518129 China
(86) International Application No	:PCT/CN2012/087857	(72)Name of Inventor :
Filing Date	:28/12/2012	1)LI Xiaohua
(87) International Publication No	:WO 2014/101117	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : DATA STORAGE METHOD AND STORAGE DEVICE

(57) Abstract :

An embodiment of the present invention provides a data storage method comprising: sending a performance information request message to a storage device the performance information request message being used for querying performance information of a logic storage unit LUN in the storage device; receiving a response message of the performance information request message sent by the storage device the response message comprising the performance information of the LUN; and obtaining a performance level of the LUN according to the performance information of the LUN so as to write data to be written into the LUN of the corresponding performance level after receiving a data write instruction and according to the degree of hotness of the data to be written contained in the data write instruction. Therefore LUN level hierarchical storage can be achieved.

No. of Pages : 68 No. of Claims : 39

(21) Application No.1638/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :01/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : A 6 OXO 1 6 DIHYDRO PYRIDAZINE DERIVATIVE FOR THE USE FOR THE TREATMENT OF HEPATOCELLULAR CARCINOMA (HCC)

(51) International classification	:A61K31/506,A61P35/00	(71)Name of Applicant :
(31) Priority Document No	:12007494.3	1)MERCK PATENT GMBH
(32) Priority Date	:02/11/2012	Address of Applicant : Frankfurter Strasse 250 64293
(33) Name of priority country	:EPO	Darmstadt Germany
(86) International Application No	:PCT/EP2013/002998	(72)Name of Inventor :
Filing Date	:04/10/2013	1)FRIESE HAMIM Manja
(87) International Publication No	:WO 2014/067610	2)BLADT Friedhelm
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

3 (1 {3 [5 (1 methyl piperidin 4 ylmethoxy) pyrimidin 2 yl] benzyl} 6 oxo 1 6 dihydro pyridazin 3 yl) benzonitrile or a pharmaceutically acceptable salt and/or solvate thereof for the use for the treatment of hepatocellular carcinoma (HCC).

No. of Pages : 25 No. of Claims : 8

(21) Application No.1639/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :01/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : ELECTRICALLY ROTATING MACHINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (34) Priority Date (35) International Application No Filing Date (37) International Publication No:WO 2014/09058 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application NA NA Filing Date (52) Divisional to Application NA NA NA NA NA NA NA NA 	1)NOACK Felix 2)SPERA Zdenek
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(57) Abstract :

In summary the invention relates to an electrically rotating machine (1) comprising at least one laminated core (3 5) and at least one fan (4 4) for conducting an air flow (11 11) through axially extending cooling paths (15) in a rotor of the electrically rotating machine (1) to cooling paths (15 15) extending radially through the laminated core (3) of the rotor and the laminated core (5) of the stator. The cooling paths (15 15) are interrupted by an air gap (13) located between the rotor and the stator. In order to reduce the reduction of the air flow (11 11) through the air gap (13) the air gap (13) is provided with a constriction (7) in at least one location. Thus deliberate cross over of the air flow (11 11) between the cooling paths (15 15) through the air gap (13) is ensured. The constriction (7) is produced by enlarging the outer radii of sheets of the laminated core (3) of the rotor and/or by reducing the inner radius of sheets of the laminated core (5) of the stator. In addition the constriction can be additionally constricted by means of a ring (17) or a flexible band.

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

(21) Application No.1748/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : APPARATUS AND METHOD OF MANUFACTURE OF AN ARTICLE

(51) International classification(31) Priority Document No(32) Priority Date	n:B42C9/00,B42C19/08,B42C19/02 :1220232.1 :09/11/2012	 (71)Name of Applicant : 1)WALLACE MCDONALD George Address of Applicant :Mon Cachet Rue de la Cache Castel
(33) Name of priority country		Guernsey Channel Islands U.K.
(86) International Application No Filing Date	:PCT/GB2013/052942 :08/11/2013	(72)Name of Inventor :1)WALLACE MCDONALD George
(87) International Publication No	:WO 2014/072731	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Method and apparatus for the manufacture of an article the article to comprise a number of elements including a resilient element to be bonded together during the manufacturing process. The apparatus comprises a guide track (12) which defines a path along which the elements travel during the manufacturing process and a compression frame (14) provided along at least part of the length of the track for compressing the resilient element as it travels along the path defined by the guide track (12). The process includes moving a combination of article precursor elements together along the guide track rails such that compression frame acts to press the elements together during bonding. The method and apparatus minimise misalignment of the elements and thereby improve quality of the finished article as well increasing production rates compared to conventional methods and apparatus.

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

(19) INDIA

(22) Date of filing of Application :01/06/2015

(21) Application No.1650/KOLNP/2015 A

(43) Publication Date : 22/01/2016

(51) International classification	:G05D7/06,G05B99/00	(71)Name of Applicant :
(31) Priority Document No	:61/736,051	1)S. A. ARMSTRONG LIMITED
(32) Priority Date	:12/12/2012	Address of Applicant :23 Bertrand Avenue, Scarborough,
(33) Name of priority country	:U.S.A.	Ontario M1L 2P3 CANADA
(86) International Application No	:PCT/CA2013/050867	(72)Name of Inventor :
Filing Date	:13/11/2013	1)ACOSTA GONZALEZ, Marcelo Javier
(87) International Publication No	:WO 2014/089693	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : CO-ORDINATED SENSORLESS CONTROL SYSTEM

(57) Abstract :

A method and system for co-ordinating control of a plurality of sensorless devices. Each device includes a communication subsystem and configured to self-detect one or more device properties, the device properties resulting in output having one or more output properties. The method includes: detecting inputs including the one or more device properties of each device, correlating, for each device, the detected one or more device properties to the one or more output properties, and co- ordinating control of each of the devices to operate at least one of their respective device properties to co-ordinate one or more output properties for the combined output to achieve a setpoint. In some example embodiments, the setpoint can be fixed, calculated or externally determined.

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

(21) Application No.1651/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :01/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : SELF LEARNING CONTROL SYSTEM AND METHOD FOR OPTIMIZING A CONSUMABLE INPUT VARIABLE

 (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 	:61/736,051 :12/12/2012 :U.S.A. :PCT/CA2013/050868 :13/11/2013 :WO 2014/089694 :NA :NA	 (71)Name of Applicant : 1)S. A. ARMSTRONG LIMITED Address of Applicant :23 BERTRAND AVENUE, SCARBOROUGH, ONTARIO M1L 2P3 CANADA (72)Name of Inventor : 1)ACOSTA GONZALEZ, MARCELO JAVIER
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A control system for an operable system such as a flow control system or temperature control system. The system operates in a control loop to regularly update a model with respect at least one optimizable input variable based on the detected variables. The model provides prediction of use of the input variables in all possible operation points or paths of the system variables which achieve an output setpoint. In some example embodiments, the control loop is performed during initial setup and subsequent operation of the one or more operable elements in the operable system. The control system is self-learning in that at least some of the initial and subsequent parameters of the system are determined automatically during runtime.

No. of Pages : 67 No. of Claims : 40

(21) Application No.1652/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :01/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : HIGH-STRENGTH HOT-ROLLED STEEL SHEET AND PRODUCTION METHOD THEREOF

(51) International classification(31) Priority Document No(32) Priority Date	n:C22C38/00,C21D9/46,C22C38/14 :2013-016457 :31/01/2013	 (71)Name of Applicant : 1)JFE STEEL CORPORATION Address of Applicant :2-3, Uchisaiwai-cho 2-chome, Chiyoda-
(33) Name of priority country	:Japan	ku, Tokyo 1000011 JAPAN
(86) International Application No Filing Date	:PCT/JP2014/000337 :23/01/2014	(72)Name of Inventor :1)NAKAJIMA, Katsumi2)YAMAZAKI, Kazuhiko
(87) International Publication No	:WO 2014/119261	3)KAMI, Chikara
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A high-strength hot-rolled steel sheet with excellent burring workability, and a production method thereof are provided. This highstrength hot-rolled steel sheet with excellent burring workability has a composition which includes, in mass%, C: 0.06% -0.13%, Si: less than 0.5%, Mn: greater than 0.5% and less than or equal to 1.4%, P: 0.05% or less, S: 0.005% or less, N: 0.01% or less, Al: 0.1% or less, Ti: 0.05%-0.25% and V: greater than 0.15% and less than or equal to 0.4%, such that S, N, Ti and V satisfy Ti + V \ge 0.35 (here, Ti=Ti-N×(48/14)-S×(48/32), and S, N, Ti and V represent the content (in mass%) of each element), with the remainder consisting of Fe and unavoidable impurities, and is of a material in which the ferrite phase fraction exceeds 90%, carbides containing Ti are precipitated, and 70% or more of said carbides have a particle diameter of less than 9nm.

No. of Pages : 50 No. of Claims : 9

(21) Application No.1653/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :01/06/2015

(43) Publication Date : 22/01/2016

(51) International classification	:H01L21/67	(71)Name of Applicant :
(31) Priority Document No	:61/732,007	1)MEMC SINGAPORE PTE, LTD.
(32) Priority Date	:30/11/2012	Address of Applicant :11 Lorong 3 Toa Payoh, Block B,
(33) Name of priority country	:U.S.A.	Jackson Square, 4th Floor, Singapore 319579 SINGAPORE
(86) International Application No	:PCT/US2013/072338	(72)Name of Inventor :
Filing Date	:27/11/2013	1)ALBRECHT, Peter
(87) International Publication No	:WO 2014/085656	2)SCHULTE, BRIAN
(61) Patent of Addition to Application	:NA	3)TANNA,VANDAN
Number	:NA	4)GRACE, TERRY
Filing Date	.INA	5)TEO, DESMOND
(62) Divisional to Application Number	:NA	6)NG, FU SHUN
Filing Date	:NA	

(54) Title of the invention : WAFER CLEANING APPARATUS AND METHODS

(57) Abstract :

A wafer cleaning apparatus includes a beam for holding a plurality of semiconductor or solar wafers. The beam includes at least one channel extending axially through the beam. An opening extends from the channel to a location between adjacent wafers. A manifold includes a conduit coupled to the channel and an immersion tank includes an ultrasonic transducer.

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

(21) Application No.1758/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : GUIDING BODY IN THE FORM OF A RING FOR FRICTION MOUNTING WITH AN ARTICULATING AND/OR ELEMENT SLIDING CAPACITY

(51) International classification	:F16C3/02,F16C33/10	(71)Name of Applicant :
(31) Priority Document No	:1261988	1) H.E.F.
(32) Priority Date	:13/12/2012	Address of Applicant :Rue Benoit Fourneyron F 42160
(33) Name of priority country	:France	Andrezieux Boutheon
(86) International Application No	:PCT/FR2013/052966	(72)Name of Inventor :
Filing Date	:06/12/2013	1)VILLEMAGNE Patrick
(87) International Publication No	:WO 2014/091124	2)GODARD Georges
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Said ring (1) or said element (2) has fittings $(3 \ 4 \ 5)$ for supplying the friction region with grease according to determined periods the bore of the ring (1) being provided with fittings (1a) acting as grease stores. According to the invention the bore of the ring has means (1b) for communication between the grease supplying fittings (3 4 5) and all of the fittings (1a) that act as grease stores.

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

(21) Application No.1643/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :01/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : LEVELER EQUIPMENT AND CORRECTION METHOD FOR PLATE MATERIAL

 (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 	:22/11/2013 :WO 2014/084144 :NA :NA :NA	 (71)Name of Applicant : 1)JP STEEL PLANTECH CO. Address of Applicant :3 1 Kinko cho Kanagawa ku Yokohama shi Kanagawa 2210056 Japan (72)Name of Inventor : 1)ABE Keizo 2)ISHIDOU Tomohiro
Filing Date	:NA	

(57) Abstract :

Leveler equipment (100) is provided with: a leveler main body (10); a first roll cassette (20) for a roller leveler; and a second roll cassette (30) for a tension leveler. The roller leveler is constituted when the first roll cassette (20) is attached to the leveler main body (10) and the tension leveler is constituted when the second roll cassette (30) is attached to the leveler main body (10).

No. of Pages : 47 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :01/06/2015

(21) Application No.1646/KOLNP/2015 A

(43) Publication Date : 22/01/2016

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 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:H04W36/14 :NA :NA :NA	 (71)Name of Applicant : 1)HUAWEI TECHNOLOGIES CO. LTD. Address of Applicant :Huawei Administration Building Bantian Longgang District Shenzhen Guangdong 518129 China
(86) International Application No Filing Date(87) International Publication No	:PCT/CN2012/085672 :30/11/2012 :WO 2014/082302	(72)Name of Inventor :1)ZHAO Junhui2)ZHANG Hongping
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)ZENG Qinghai 4)ZHONG Tao
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : MIGRATION METHOD AND DEVICE

(57) Abstract :

The present invention relates to the technical field of communications. Disclosed are a migration method and device which are invented for reasonable configuration of different network resources. The method comprises: a base station of a first network sending information to a user equipment (101) the information being used for enabling the user equipment to migrate from a second network to the first network and the user equipment being in an idle state relative to the first network; or used for enabling the user equipment to determine whether to migrate from the first network to the second network wherein the first network is a 3GPP network and the second network is a non 3GPP network. The present invention is mainly applied in a network migration process of a user equipment.

No. of Pages : 87 No. of Claims : 45

(22) Date of filing of Application :01/06/2015

(54) Title of the invention : SCHEDULING IN MOBILE COMMUNICATIONS SYSTEMS

(19) INDIA

(21) Application No.1647/KOLNP/2015 A

(43) Publication Date : 22/01/2016

(51) International classification :H04W28/02 (71)Name of Applicant : (31) Priority Document No 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) :NA (32) Priority Date :NA Address of Applicant :S 164 83 Stockholm Sweden (33) Name of priority country (72)Name of Inventor : :NA (86) International Application No :PCT/SE2012/051200 1)RUNE Johan Filing Date :05/11/2012 2)WESTBERG Lars (87) International Publication No :WO 2014/070059 **3)FRIMAN Erik** (61) Patent of Addition to Application 4)BERGQVIST Ralf :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

There is provided embodiments relating to scheduling in mobile communications systems and particularly to scheduling of delay tolerant data in mobile communications systems. A scheduling request relating to conditional data transfer of delay tolerant data is received. The delay tolerant data is scheduled for transmission such that the delay tolerant data is to be transmitted in conjunction with data already scheduled for transmission and utilizing available transmission resources non utilized for transmission of the data already scheduled for transmission.

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

(21) Application No.1750/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR COMMUNICATING IN WIRELESS COMMUNICATION SYSTEM SUPPORTING MULTIPLE ACCESS NETWORK AND APPARATUS SUPPORTING SAME

(51) Internationalclassification(31) Priority Document No(32) Priority Date	:H04W40/02,H04W48/16,H04W48/18) :61/740,394 :20/12/2012	 (71)Name of Applicant : 1)LG ELECTRONICS INC. Address of Applicant :20 Yeouido-dong, Yeongdeungpo-gu, Seoul 150-721 REPUBLIC OF KOREA
(33) Name of priority country	:U.S.A.	(72)Name of Inventor : 1)JUNG, Sunghoon
(86) International Application No Filing Date	:PCT/KR2013/011980 :20/12/2013	2)LEE, Jaewook 3)LEE, Youngdae
(87) International Publication No	:WO 2014/098532	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided is a method for communicating carried out by a terminal in a wireless communication system supporting a multiple access network. The method comprises receiving a traffic routing configuration from a first access network wherein the traffic routing configuration involves specifying traffic routing criteria searching a second access network determining whether a second access network entity discovered by the search satisfies the traffic routing criteria and processing traffic on the first access network through the second access network entity when the traffic routing criteria are satisfied.

No. of Pages : 81 No. of Claims : 14

(21) Application No.1751/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHODS AND SYSTEMS FOR IMPROVED COKE QUENCHING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (33) Name of priority country (34) International Application No (37) International Publication No (37) International Publication No (37) International Publication (38) International Publication (37) International Publication (37) International Publication (38) International Publication (39) International Publication (30) International Publication (31) Publication Publication (31) Publication (32) Publication Publication (31) Publication (32) Publication (31) Publication (32) Publication (31) Publicatio	 (71)Name of Applicant : 1)SUNCOKE TECHNOLOGY AND DEVELOPMENT LLC. Address of Applicant :1011 Warrenville Road 6th Floor, Lisle, IL 60532 UNITED STATES OF AMERICA. (72)Name of Inventor : 1)QUANCI, John, Francis 2)ESSMAN, John, Shannon 3)BOND, James, Eric 4)CHOI, Chun, Wai 5)VICHITVONGSA, Khambath
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(57) Abstract :

The present technology describes various embodiments of methods and systems for improved coke quenching. More specifically, some embodiments are directed to methods and systems for improving the coke quenching process by partially cracking coke before it is quenched. In one embodiment, coke is partially cracked when placed in horizontal communication with one or more uneven surfaces. In another embodiment, a coke loaf is partially broken when dropped a vertical distance that is less than the height of the coke loaf. In another embodiment, a mass of coke is partially broken when first placed in vertical communication with one or more uneven surfaces and then placed in horizontal communication with the same or different one or more uneven surfaces. In some embodiments, the one or more uneven surfaces may be mounted to a coke oven, train car, hot car, quench car, or combined hot car/quench car.

No. of Pages : 36 No. of Claims : 39

(21) Application No.1636/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/05/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : DATA MIGRATION METHOD DATA MIGRATION APPARATUS AND STORAGE 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 	:G06F13/18 :NA :NA :NA :PCT/CN2013/084093 :24/09/2013 :WO 2015/042778 :NA :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)GONG Tao 2)HAN Kun 3)WU Liming
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(57) Abstract :

Provided are a data migration method and apparatus and a storage device. The method comprises: determining a source SSD in a hard disk group wherein the space utilization rate of the source SSD is higher than the average space utilization rate of the hard disk group; determining at least one destination SSD in the hard disk group; calculating a data volume migrated out by the source SSD according to the space utilization rate of the source SSD and the average space utilization rate; and according to the data volume migrated out by the source SSD migrating data of the source SSD into the destination SSD. The service life of an SSD storage array may be prolonged.

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

(21) Application No.1744/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR PRODUCING MODIFIED EPOXY(METH)ACRYLATE RESINS, AND THE USE 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 	:PCT/EP2013/074234 :20/11/2013 ⁿ :WO 2014/079856 :NA :NA :NA	 (71)Name of Applicant : 1)HILTI AKTIENGESELLSCHAFT Address of Applicant :Feldkircherstr. 100, CH-9494 Schaan LIECHTENSTEIN (72)Name of Inventor : 1)GAEFKE, Gerald 2)BÜRGEL, Thomas 3)LEITNER, Michael
Filing Date	:NA	
(57) Abstract :		

(57) Abstract :

The invention relates to a method for producing modified epoxy(meth)acrylates wherein organic compounds which have epoxy groups are reacted with (meth)acrylic acid in the presence of a suitable catalyst and subsequently at least 80% of the epoxy groups is reacted. The product is partly reacted with the anhydride of a saturated dicarboxylic acid. The epoxy(meth)acrylates which can be obtained in this manner can be used as binders in resin mixtures and reaction resin mortar compositions for chemical fastening processes for example.

No. of Pages : 23 No. of Claims : 12

(21) Application No.1745/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/06/2015

(43) Publication Date : 22/01/2016

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

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H04N1/46,G06T1/00,H04N1/60 :2013-042608 :05/03/2013 :Japan :PCT/JP2014/052982 :04/02/2014	 (71)Name of Applicant : 1)RICOH COMPANY, LTD. Address of Applicant :3-6, Nakamagome 1-chome, Ohta-ku, Tokyo, 1438555 JAPAN (72)Name of Inventor : 1)KAKINUMA, Akihiro
(87) International Publication No	:WO 2014/136530	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An image processing apparatus includes a region extraction unit that extracts a conversion region from input image data; a color information acquisition unit that acquires color information from the conversion region; a target color information acquisition unit that acquires target color information, which is a target of conversion for the color information; a conversion unit that generates conversion information based on the color information and the target color information, and converts the color information based on the conversion information, to generate converted image data; a display and input unit that displays the input image data and the converted image data, and receives an input of a final conversion target, which is a final target of conversion for the color information; and a final conversion unit that generates final conversion information based on the final conversion target, and converts the color information target, and converts the color information target.

No. of Pages : 86 No. of Claims : 8

(21) Application No.1746/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : SYSTEMS AND METHODS FOR IMPROVING QUENCHED COKE RECOVERY

(51) International classification (31) Priority Document No	:C10B39/14,B61B9/00 :NA	(71)Name of Applicant : 1)SUNCOKE TECHNOLOGY AND DEVELOPMENT
(32) Priority Date	:NA	LLC.
(33) Name of priority country	:NA	Address of Applicant :1011 Warrenville Road 6th Floor, Lisle,
(86) International Application No	:PCT/US2012/072166	IL 60532 UNITED STATES OF AMERICA.
Filing Date	:28/12/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2014/105061	1)QUANCI, John, Francis
(61) Patent of Addition to Application	:NA	2)GILL, Matt, William
Number	:NA :NA	3)RODGERS, Bradley, Thomas
Filing Date	.117	4)VICHITVONGSA, Khambath
(62) Divisional to Application Number	:NA	5)CHOI, Chun, Wai
Filing Date	:NA	

(57) Abstract :

The present technology is generally directed to systems and methods for improving quenched coke recovery. More specifically, some embodiments are directed to systems and methods utilizing one or more of a screen, barrier, or reflector panel to contain or redirect coke during or after quenching. In a particular embodiment, a quench car system for containing coke includes a quench car having a base, a plurality of sidewalls, and a top portion. The system can further include a permeable barrier covering at least a portion of the top of the quench car, wherein the permeable barrier has a plurality of apertures therethrough.

No. of Pages : 22 No. of Claims : 29

(21) Application No.1747/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : SYSTEMS AND METHODS FOR CONTROLLING AIR DISTRIBUTION IN A COKE OVEN

(51) International classification	:C10B29/00,C10B21/10	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SUNCOKE TECHNOLOGY AND DEVELOPMENT
(32) Priority Date	:NA	LLC.
(33) Name of priority country	:NA	Address of Applicant :1011 Warrenville Road 6th Floor, Lisle,
(86) International Application No	:PCT/US2012/072173	IL 60532 UNITED STATES OF AMERICA.
Filing Date	:28/12/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2014/105064	1)QUANCI, John, Francis
(61) Patent of Addition to Application	:NA	2)KAPOOR, Rajat
Number	:NA :NA	3)BALL, Mark, Anthony
Filing Date	.11A	4)CHOI, Chun, Wai
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present technology is generally directed to systems and methods for controlling air distribution in a coke oven. In a particular embodiment, a coke oven air distribution system comprises an oven chamber having an oven floor configured to support a coal bed, a plurality of sidewalls extending upward from the oven floor, and an oven crown covering a top portion of the oven chamber. The air distribution system further includes an air inlet positioned above the oven floor and a distributor proximate to the inlet. The inlet is configured to introduce air into the oven chamber and the distributor is configured to at least one of preheat, redirect, or spread air within the oven chamber.

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

(21) Application No.1648/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :01/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : RESIN MIXTURE BASED ON EPOXY(METH)ACRYLATE RESIN, AND THE USE THEREOF

 (51) International classification :C08G59/17,C08G59/14,C08L63/10 (31) Priority Document No :10 2012 221 446.1 (32) Priority Date :23/11/2012 (33) Name of priority country :Germany (86) International Application Filing Date :PCT/EP2013/074227 :20/11/2013 (87) International Publication No :WO 2014/079854 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number :NA Filing Date :NA Filing Date 	 (71)Name of Applicant : 1)HILTI AKTIENGESELLSCHAFT Address of Applicant :Feldkircherstr. 100, FL-9494 Schaan LIECHTENSTEIN (72)Name of Inventor : 1)GAEFKE, Gerald 2)BÜRGEL, Thomas 3)LEITNER, Michael
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(57) Abstract :

The invention relates to a resin mixture with a modified epoxy(meth)acrylate resin as the base resin and optionally at least one reactive diluent at least one stabilizer and at least one accelerator. The modified epoxy(meth)acrylate resin can be obtained by reacting organic compounds which have epoxy groups with(meth)acrylic acid and subsequently partly esterifying the ß hydroxyl groups formed during the reaction with the anhydride of a saturated dicarboxylic acid. The invention also relates to reaction resin mortars containing said resin and to the use thereof for chemical fastening processes wherein marking free products can be produced using the reaction resin mortars said resin mixture additionally providing an increased bond capacity.

No. of Pages : 34 No. of Claims : 14

(21) Application No.1649/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :01/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : STRUCTURES AND TECHNIQUES FOR ALIGNING A MULTICORE FIBER IN A FERRULE OR PRODUCTION JIG

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:61/733,531 :05/12/2012 :U.S.A.	 (71)Name of Applicant : 1)OFS FITEL, LLC Address of Applicant :2000 Northeast Expressway, Norcross, GA 30071 UNITED STATES OF AMERICA. (72)Name of Inventor :
Filing Date	:04/12/2013	1)CZOSNOWSKI, Wladyslaw
(87) International Publication No	:WO 2014/089159	2)GEORGE, John
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An alignment block for aligning a multicore fiber has a body with a front face-and a rear face, and includes a capillary extending between a front opening at the first face and a rear opening at the rear face. The capillary has an inner circumference that includes an alignment surface corresponding to the multicore fiber alignment surface. The front opening is shaped to fit closely around the multicore fiber so as to prevent non-longitudinal movement of the multicore fiber relative to the alignment block body.

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

(21) Application No.1755/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND APPARATUS FOR TRIGGERING OF SPECIFIC OPERATION MODE FOR TERMINALS OPERATING IN EXTENDED LONG RANGE

(51) International classification	:H04W52/50	(71)Name of Applicant :
(31) Priority Document No	:61/725951	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:13/11/2012	Address of Applicant :S 164 83 Stockholm Sweden
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/SE2013/051334	1)BALACHANDRAN Kumar
Filing Date	:13/11/2013	2)BERGMAN Johan
(87) International Publication No	:WO 2014/077765	3)DIMOU Konstantinos
(61) Patent of Addition to Application	:NA	4)ERIKSSON Erik
Number	:NA	5)WALLÉN Anders
Filing Date	.11/A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

P39230 WO Abstract of the Disclosure Systems and methods are disclosed for triggering a long range extension mode of operation for a wireless device (16) in a cellular communications network (10). In one preferred embodiment the wireless device (16) is a Machine Type Communication (MTC) device. In one embodiment a node (20) in the cellular communications network (10) determines that the wireless device (16) is to operate in the long range extension mode if there is difficulty in establishing communication between the wireless device (16) and the cellular communications network (10). If the wireless device (16) is to operate in the long range extension mode if node (20) activates one or more long range extension mechanisms with respect to the wireless device (16) such that the wireless device (16) operates in the long range extension mode. In this manner the long range extension mode is selectively triggered for the wireless device (16).

No. of Pages : 59 No. of Claims : 36

(21) Application No.1756/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : SELECTIVE ROBUST HEADER COMPRESSION (ROHC) FOR A VOIP CALL IN A CELLULAR COMMUNICATIONS 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 	:H04W28/06 :13/675308 :13/11/2012 :U.S.A. :PCT/IB2013/059019 :30/09/2013 :WO 2014/076592 :NA	 (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :164 83 Stockholm Stockholm Sweden (72)Name of Inventor : 1)CHAN Jayson 2)LANGEREIS Alexander 3)ENGLUND Eva
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Systems and methods for selectively enabling Robust Header Compression (RoHC) for Voice over Internet Protocol (VoIP) calls in a cellular communications network (10) are disclosed. In one embodiment a data radio bearer for a VoIP call is established between a base station (14) and a mobile terminal (16). During the VoIP call a radio frequency parameter for the data radio bearer is monitored. When the radio frequency parameter for the data radio bearer satisfies a predefined coverage based condition the base station (14) enables Ro HC for the Vo IP call. In one preferred embodiment the radio frequency parameter is a Signal to Interference plus Noise Ratio (SINR) for the data radio bearer for the VoIP call and the predefined coverage based condition is a predefined SINR threshold below which the base station (14) enables RoHC. By enabling RoHC in this manner RoHC resources are selectively made available for those VoIP calls that will benefit most from increased cell coverage provided by RoHC.

No. of Pages : 30 No. of Claims : 22

(21) Application No.1654/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :01/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : HIGH-STRENGTH HOT-ROLLED STEEL SHEET AND PRODUCTION METHOD THEREOF

	n:C22C38/00,C21D9/46,C22C38/14	
(31) Priority Document No	:2013-016455	1)JFE STEEL CORPORATION
(32) Priority Date	:31/01/2013	Address of Applicant :2-3, Uchisaiwai-cho 2-chome, Chiyoda-
(33) Name of priority country	:Japan	ku, Tokyo 1000011 JAPAN
(86) International Application	- DCT/ID2014/000226	(72)Name of Inventor :
No	:PCT/JP2014/000336	1)NAKAJIMA, Katsumi
Filing Date	:23/01/2014	2)YAMAZAKI, Kazuhiko
(87) International Publication	:WO 2014/119260	3)KAMI, Chikara
No		
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.INA	
(62) Divisional to Application	NT A	
Number	:NA	
Filing Date	:NA	

(57) Abstract :

A high-strength hot-rolled steel sheet with excellent burring workability, and a production method thereof are provided. This high-strength hot-rolled steel sheet with excellent burring workability has a composition which includes, in mass%, C: 0.013% or greater and less than 0.08%, Si: less than 0.5%, Mn: greater than 0.8% and less than 1.2%, P: 0.05 or less, S: 0.005% or less, N: 0.01% or less, Al: 0.1% or less, and Ti: 0.03%-0.15% such that C, S, N and Ti satisfy $0.05 \leq Ti < 0.1$ and $C\tilde{A}$ —(48/12)-0.16

No. of Pages : 51 No. of Claims : 9

(21) Application No.1655/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :01/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : CYTOCHROME P450 AND CYTOCHROME P450 REDUCTASE POLYPEPTIDES, ENCODING NUCLEIC ACID MOLECULES AND USES THEREOF

(57) Abstract :

Provided are cytochrome P450 polypeptides, including cytochrome P450 santalene oxidase polypeptides, cytochrome P450 bergamotene oxidase polypeptides and cytochrome P450 reductase polypeptides. Also provided are nucleic acid molecules encoding the cytochrome P450 polypeptides. Cells containing the nucleic acids and/or the polypeptides are provided as are methods for producing terpenes, such as santalols and bergamotols, by culturing the cells.

No. of Pages : 221 No. of Claims : 168

(21) Application No.1656/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :01/06/2015

(43) Publication Date : 22/01/2016

 (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 	:B60F 3/00 :0423463.9 :22/10/2004 :U.K. :PCT/GB2005/004079 :24/10/2005 :WO/2006/043088 :NA :NA :NA :1655/KOLNP/2007 :09/05/2007	 (71)Name of Applicant : 1)GIBBS TECHNOLOGIES LIMITED Address of Applicant :AVENUE ROAD, NUNEATON, WARWICKSHIRE, CV11 4LY, GREAT BRITAIN U.K. (72)Name of Inventor : 1)BRIGGS, STEPHEN, JOHN 2)LONGDILL, SIMON, JAMES 3)WEEKERS, HANS 4)JEFFREY, GLEN MICHAEL
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(54) Title of the invention : AN AMPHIBIOUS PERSONAL WATERCRAFT VEHICLE

(57) Abstract :

The present invention provides an amphibious personal watercraft vehicle (10) comprising a sit-astride seat (33), a planing hull (40), at least four wheels (50, 51, 52, 53), each of which is movable between an extended land mode location and a retracted water mode location, two of the wheels being front steerable wheels (50, 53), which are, at least in the land mode of the vehicle, connected to a steering control (54) which can be operated by a driver to steer the vehicle, an engine (60) which in the land mode of the vehicle is connected to at least one of the wheels to drive the wheel, and marine propulsion means (55) to propel the vehicle on water, wherein the at least four wheels are each pivoted about an axis running fore and aft along the vehicle when moved between the land mode and the water mode locations thereof.

No. of Pages : 32 No. of Claims : 21

(21) Application No.1762/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : SYSTEM AND METHOD FOR PROVIDING A TABLE GAME

 (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 	:12/11/2013 :WO 2014/078251	 (71)Name of Applicant : 1)THROWMOTION, INC. Address of Applicant :1030 E. El Camino Real, #175, Sunnyvale, CA 94087 UNITED STATES OF AMERICA. (72)Name of Inventor : 1)DAYAL, Aditya 2)GRIMM, Tom 3)HELTSLEY, Seth
6		
	:WO 2014/078251	
	:NA	3)HELTSLEY, Seth
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A mechanical ball launcher for a table game is disclosed. According to one embodiment the mechanical ball launcher has a body that rotates about a first axis. The body has a launch arm that extends along a second axis that is substantially perpendicular to the first axis. The launch arm has a ball receptacle at a terminal end. The mechanical ball launcher has a supporting plate supporting the body and a mechanical spring connected between the body and the supporting plate. The mechanical spring is placed in a loaded position when the launch arm is pulled back. A launch angle a lateral angle and a speed of the ball are adjusted as the ball is launched from the ball receptacle of the mechanical ball launcher.

No. of Pages : 50 No. of Claims : 22

(21) Application No.1763/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : FRONTAL ATTACHMENT DEVICE FOR SYRINGE WITH ROTATIONALLY ACTIVATED RETRACTABLE NEEDLE

(31) Priority Document No:14/0(32) Priority Date:26/1(33) Name of priority country:U.S.(86) International Application No:PCTFiling Date:27/1	T/US2013/072218 2)SHAW, Thomas J. 11/2013 (72)Name of Inventor : 0 2015/080724 1)SHAW, Thomas J. 2)SMALL, MARK 3)ZHU, NI
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(57) Abstract :

A medical device attachable to the front of a conventional syringe and having a hub assembly selectively attachable to the syringe a nose projecting forwardly from the hub assembly a rearwardly biased needle retraction mechanism seated inside the nose a retractable needle projecting forwardly of the nose and a fluid flow path from the fluid chamber through the hub assembly nose needle retraction assembly and needle wherein the needle is retracted into the nose and a retraction tube external to the syringe by rotating the syringe relative to the nose.

No. of Pages : 30 No. of Claims : 36

(21) Application No.1664/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :02/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : AD-WORDS OPTIMIZATION BASED ON PERFORMANCE ACROSS MULTIPLE CHANNELS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (34) Priority Date (35) International Application No (36) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (52) Divisional to Application NA NA NA 	 (71)Name of Applicant : 1)24/7 CUSTOMER, INC. Address of Applicant :910 E. Hamilton Ave., Suite 240, Campbell, CA 95008 UNITED STATES OF AMERICA. (72)Name of Inventor : 1)VIJAYARAGHAVAN, Ravi 2)ADUSUMILLI, Kranthi, Mitra 3)KANNAN, Pallipuram, V.
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(57) Abstract :

In online advertising ad delivery optimization is derived from ad words searches. A user performs a keyword search for a product or service. User interactions across multiple channels e.g. phone text email and so on and multiple browsers that are used while conducting a search are analyzed to predict user intent. Based on the intent prediction advertisements that are determined to be the most relevant are displayed along with the search results. The user then clicks through the ads to the websites that are most relevant to his search for example to make purchases of goods and services.

No. of Pages : 42 No. of Claims : 21

(21) Application No.1665/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :02/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : LIQUEFIED GAS PROCESSING SYSTEM FOR SHIP

(57) Abstract :

Disclosed is a liquefied gas processing system for a ship that includes a storage tank that stores liquefied natural gas and an engine that uses the liquefied natural gas stored in the storage tank as fuel. The liquefied gas processing system of the present invention comprises: a storage tank that stores liquefied gas; an engine that uses the liquefied gas stored in the storage tank as fuel; and a fuel supply line that can vaporize the liquefied gas and supply the generated gas to the engine as fuel. The engine receives a supply of the fuel gas that is pressurized at a low pressure.

No. of Pages : 43 No. of Claims : 3

(21) Application No.1666/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :02/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS (51) International (71)Name of Applicant : :A61K31/568,A61P31/18,C07C69/74 classification 1)GLAXOSMITHKLINE LLC (31) Priority Document No :61/737.177 Address of Applicant : Corporation Service Company 2711 (32) Priority Date :14/12/2012 Centerville Road, Suite 400 Wilmington, Delaware 19808 UNITED STATES OF AMERICA. (33) Name of priority :U.S.A. country (72)Name of Inventor : (86) International 1)CAI, Shenshen :PCT/US2013/075196 Application No 2)JOHNS, Brian, Alvin :14/12/2013 Filing Date 3)SPALTENSTEIN, Andrew (87) International :WO 2014/093941 Publication No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to :NA Application Number :NA Filing Date

(57) Abstract :

The present Invention relates to long acting pharmaceutical compositions of betulin defivatives or pharmaceutically acceptabule salts thereof useful in the treatment or prevention of Human Immunodeficiency Virus (HIV) infections.

No. of Pages : 229 No. of Claims : 42

(21) Application No.1667/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :02/06/2015

(43) Publication Date : 22/01/2016

:G06F3/12,B41J29/38 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)RICOH COMPANY, LTD. :2012-285040 (32) Priority Date :27/12/2012 Address of Applicant :3-6, Nakamagome 1-chome, Ohta-ku, (33) Name of priority country Tokyo, 1438555 JAPAN :Japan (86) International Application No :PCT/JP2013/084393 (72)Name of Inventor: Filing Date :17/12/2013 1)MORI, Shinya (87) International Publication No :WO 2014/103975 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : TERMINAL APPARATUS, OUTPUT SYSTEM, AND OUTPUT METHOD

(57) Abstract :

A terminal apparatus capable of communicating with an image forming apparatus includes an output management unit configured to manage first output data stored in a first output data storage part the first output data being created based on data to be output and being independent of the image forming apparatus; a second data creating unit configured to create second output data based on the first output data the second output data being dependent on the image forming apparatus; an output data process unit configured to receive a second output data acquiring request to acquire the second output data from the image forming apparatus and instruct the second data creating unit to create the second output data based on the first output data storage part; and a transmitting unit configured to transmit the created second output data to the image forming apparatus.

No. of Pages : 52 No. of Claims : 14

(21) Application No.1771/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : SMALL MOLECULE INHIBITORS OF MALT1

 (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 	:A01N43/64,A61K31/41,A61K31/425 :61/724,650 :09/11/2012 :U.S.A. :PCT/US2013/069141 :08/11/2013 :WO 2014/074815 :NA :NA :NA	 (71)Name of Applicant : CORNELL UNIVERSITY Address of Applicant :395 Pine Tree Road, Suite 310, Ithaca, New York, 14850 UNITED STATES OF AMERICA. MELNICK, Ari WU, Hao (72)Name of Inventor : MELNICK, Ari WU, Hao
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(57) Abstract :

MALT1 cleavage activity is linked to the pathogenesis of activated B-cell-like diffuse large B-cell lymphoma (ABC-DLBCL), a chemo-resistant form of DLBCL. We developed a MALT1 activity assay and identified chemically diverse MALT1 inhibitors. A selected lead compound MI-2 featured direct binding to MALT1 and suppression of its protease function. MI-2 concentrated within human ABC-DLBCL cells and irreversibly inhibited cleavage of MALT1 substrates. This was accompanied by suppression of NF- κ B reporter activity, inhibition of nuclear localization of c-REL and downregulation of NF- κ B target gene signature. Most notably, MI-2 was non-toxic to mice, and displayed potent and specific activity against ABC-DLBCL cell lines in vitro, and xenotransplanted ABC-DLBCL tumors in vivo. The compound was also effective against primary human non-GCB-DLBCLs ex vivo.

No. of Pages : 99 No. of Claims : 13

(21) Application No.1668/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :02/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : REMOVABLE ELECTRICAL EQUIPMENT MODULE, WIRING BOX FOR RECEIVING SUCH AN EQUIPMENT MODULE AND METHOD FOR REPLACING SUCH AN EQUIPMENT MODULE

(51) International classification	:H02G3/12,H02G3/18	(71)Name of Applicant :
(31) Priority Document No	:FR1203507	1)LEGRAND FRANCE
(32) Priority Date	:20/12/2012	Address of Applicant :128 avenue du Marèchal de Lattre-de-
(33) Name of priority country	:France	Tassigny, F-87000 Limoges FRANCE
(86) International Application No	:PCT/FR2013/053128	2)LEGRAND SNC
Filing Date	:17/12/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2014/096679	1)CAILLE, Jean-Loup
(61) Patent of Addition to Application	:NA	2)MAZIERE, Laurent
Number	:NA :NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention concerns an electrical equipment module (130) to be inserted into a wiring box (110), comprising a housing (131) made of an insulating material and consisting of a side wall (132) closed at the front by a front wall (134) to define an inner space for receiving an electrical mechanism (140). According to the invention the electrical equipment module comprises snap fastening means (137) intended to hook on to the wiring box, which means comprise at least one hooking member (137A) movable between a retracted position in which it does not interfere with the insertion of the housing into said wiring box and a projecting position in which it is intended to hook on directly to the wiring box, as well as means (137C) for controlling the snap fastening means that can be accessed from the front via an access opening (139) provided in said front wall, to bring back said hooking member to the retracted position thereof.

No. of Pages : 40 No. of Claims : 26

(21) Application No.1669/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :02/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND APPARATUS FOR PERFORMING RANDOM ACCESS PROCEDURE IN WIRELESS COMMUNICATION SYSTEM

(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:61/856,070	1)LG ELECTRONICS INC.
(32) Priority Date	:19/07/2013	Address of Applicant :128, YEOUI-DAERO,
(33) Name of priority country	:U.S.A.	YEONGDEUNGPO-GU, SEOUL 150-721 REPUBLIC OF
(86) International Application No	:PCT/KR2014/006414	KOREA
Filing Date	:16/07/2014	(72)Name of Inventor :
(87) International Publication No	:WO 2015/009043	1)PARK, SUNGJUN
(61) Patent of Addition to Application	:NA	2)JUNG, Sunghoon
Number	:NA	3)YI, Seungjune
Filing Date	.NA	4)LEE, Youngdae
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and apparatus for performing a random access (RA) procedure in a wireless communication system is provided. A user equipment (UE) establishes connection with a first node and a second node, and transmits an RA preamble to the second node. If a number of RA preamble transmissions reaches a maximum number, the UE stops uplink (UL) transmission of all cells in a group to which the second node belongs, and transmits an indication indicating that transmission of the RA preamble has failed to the first node.

No. of Pages : 45 No. of Claims : 15

(21) Application No.1775/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND APPARATUS FOR ANTENNA ARRAY CALIBRATION USING TRAFFIC SIGNALS

 (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 	:H04B17/00,H04B7/06 :13/677781 :15/11/2012 :U.S.A. :PCT/IB2013/060067 :12/11/2013 :WO 2014/076631 :NA :NA	 (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :Stockholm SE 164 83 Sweden (72)Name of Inventor : 1)DA SILVEIRA Marthinus Willem 2)MCGOWAN Neil
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An antenna array of a base station is calibrated using outbound traffic signals. The outbound traffic signals are captured for use as reference signals before the outbound traffic signals enter transmit paths in a radio unit of the base station. The outbound traffic signals are captured for use as a feedback after the outbound traffic signals exit the transmit paths. Each of the reference signals is one of the outbound traffic signals to be transmitted. An impairment estimator estimates the impairment for each of the outbound traffic signals based on the feedback signal and the reference signals. For each transmit path a set of weights of an all pass filter is determined where the all pass filter has a frequency response that approximates the impairment estimation in an occupied frequency region where reference signal power is above a threshold. The set of weights is inversed to obtain equalizer taps for each of the transmit paths.

No. of Pages : 36 No. of Claims : 23

(21) Application No.1776/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : INFORMATION PROVIDING SYSTEM, INFORMATION TERMINAL AND INFORMATION PROVIDING SERVER

 (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 	:G06F13/00,G06Q30/02 :2012-288464 :28/12/2012 :Japan :PCT/JP2013/085336 :26/12/2013 :WO 2014/104404 :NA :NA	 (71)Name of Applicant : 1)RICOH COMPANY, LTD. Address of Applicant :3-6, Nakamagome 1-chome, Ohta-ku, Tokyo, 1438555 JAPAN (72)Name of Inventor : 1)FUJI, Tatsuya 2)KAWASE, Tsutomu 3)NISHIZAKI, Yoshiaki 4)UEDA, Yuichiro
Number Filing Date		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An information providing system provides delivery information using identification information of an object equipped with a wireless communication function. The information providing system includes a registering unit that registers in advance first link information linking the identification information of the object to the delivery information; a generating unit that generates second link information linking the identification information of the object to delivery information different from the delivery information of the first link information based on the identification information of the object and identification information of a plurality of information terminals acquired by communication with the information terminals which can communicate with the object; and an information providing unit that delivers the delivery information linked by the second link information.

No. of Pages : 82 No. of Claims : 10

(21) Application No.1673/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :02/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : XANTHOPHYLL COMPOSITIONS AND METHODS OF USE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A23L1/29,A23L1/32,C07C27/02 :61/739,074 :19/12/2012 :U.S.A.	 (71)Name of Applicant : 1)NOVUS INTERNATIONAL INC. Address of Applicant :20 Research Park Drive, St. Charles, Missouri 63304 UNITED STATES OF AMERICA.
 (86) International Application No Filing Date (87) International Publication No 	:PCT/US2013/075035 :13/12/2013 :WO 2014/099665	 (72)Name of Inventor : 1)REZNIK, Gary 2)MARTORELL, Joan Carles Ferrater 3)RIBERA, David 4)VISO, Antonio
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	5)FERNANDEZ, Juan Antonio 6)FERRUS, Delfin 7)HINE, Scott

(57) Abstract :

A carotenoid composition, a process for producing a carotenoid composition and methods of use thereof. The composition comprises a soap derived from the saponification of a natural carotenoid containing oleoresin wherein the soap contains non esterified xanthophyll particles and retains greater than 80% total xanthophyll concentration when stored at room temperature in an oxygen permeable dark bag for three months. The process comprises (a) alkaline saponification of a natural carotenoid containing oleoresin wherein the saponification occurs in the presence of a metal hydroxide, with intimate mixing, and occurs at a temperature between 110-180 degrees Centigrade, resulting in a composition comprising non esterified carotenoids. (b) atomization of the resulting soap, and (c) isomerization of the nonesterified carotenoids wherein the atomized soap is heated such that greater than 80% of the non esterified carotenoids present are in the all trans isomer configuration and the non esterified carotenoid concentration of the final soap product is greater than 10%.

No. of Pages : 103 No. of Claims : 59

(21) Application No.1674/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :02/06/2015

(43) Publication Date : 22/01/2016

(51) International classification :G06Q10/00 (71)Name of Applicant : (31) Priority Document No 1)24/7 CUSTOMER, INC. :61/727,628 (32) Priority Date :16/11/2012 Address of Applicant :610 E. Hamilton Ave. Ste. 240, (33) Name of priority country Campell, CA 95008-0610 UNITED STATES OF AMERICA. :U.S.A. :PCT/US2013/070402 (72)Name of Inventor : (86) International Application No Filing Date :15/11/2013 1)KANNAN, Pallipuram, V. (87) International Publication No 2)VIJAYARAGHAVAN, Ravi :WO 2014/078721 3) ADUSUMILLI, Kranthi, Mitra (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : PROACTIVE SURVEYS BASED ON CUSTOMER INFORMATION

(57) Abstract :

A context aware computing system for delivering surveys to a customer. The choice of which survey to send to a customer may be tailored based on a click path (route) customer history and customer interests. A customer browsing a Web page initiates the survey decision process. A control module selects a survey to send to a customer based on the criteria above and customer intent. Customer responses are then harvested from the Web based survey.

No. of Pages : 33 No. of Claims : 31

(21) Application No.1675/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :02/06/2015

(43) Publication Date : 22/01/2016

(51) International classification	:B32B17/10	(71)Name of Applicant :
(31) Priority Document No	:12195844.1	1)SAINT-GOBAIN GLASS FRANCE
(32) Priority Date	:06/12/2012	Address of Applicant :18, avenue d'Alsace, F-92400
(33) Name of priority country	:EPO	Courbevoie FRANCE
(86) International Application No	:PCT/EP2013/073709	(72)Name of Inventor :
Filing Date	:13/11/2013	1)GELDERIE, Udo
(87) International Publication No	:WO 2014/086562	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : FIRE PROTECTION PANEL AND FIRE PROTECTION GLAZING

(57) Abstract :

The invention relates to a fire protection panel (10) comprising: at least one float glass panel (1.1) having a tin bath side (II) and at least one protective layer (3.1) which is arranged on the tin bath side (II) in a planar manner, wherein the float glass panel (1.1) and the protective layer (3.1) are together thermally pretensioned or partially pretensioned, at least one alkaline fire protection layer (2.1) that is arranged on the protective layer (3.1) in a planar manner, wherein the protective layer (3.1) contains metal oxide metal nitrite and/or mixtures or layer compounds thereof, and at least one edge bonding (6) that is arranged directly on the protective layer (3.1).

No. of Pages : 46 No. of Claims : 18

(21) Application No.1676/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :02/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS FOR THE TREATMENT OF CFTR MEDIATED DISEASES

classification	:A61K9/20,A61K45/06,A61K31/443 :61/721,622 :02/11/2012 :U.S.A. :PCT/US2013/067952 :01/11/2013 :WO 2014/071122 :NA :NA :NA	 (71)Name of Applicant : 1)VERTEX PHARMACEUTICALS INCORPORATED Address of Applicant :50 Northern Avenue, Boston, MA 02210 UNITED STATES OF AMERICA. (72)Name of Inventor : 1)VERWIJS, Marinus, Jacobus 2)KARKARE, Radhika 3)MOORE, Michael, Douglas
(57) Abstract :		

(57) Abstract :

Pharmaceutical compositions comprising 3-(6-(1- (2,2-difluorobenzo[d][1,3]dioxol-5- yl) cyclopropanecarboxamido)-3methylpyridin-2-yl)benzoic acid (Compound 1) in Form I and a solid dispersion comprising substantially amorphous N- (5-hydroxy-

2,4-ditert butyl phenyl)-4- oxo-1H- quinoline-3-carboxamide (Compound 2) methods of treating, lessening the severity of, or symptomatically treating CFTR mediated diseases, such as cystic fibrosis, methods of manufacturing, methods of administering, and kits thereof are disclosed.

No. of Pages : 157 No. of Claims : 48

(21) Application No.1782/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : ETHYLENE COPOLYMER COMPOSITIONS FILM AND POLYMERIZATION PROCESSES

 (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 	y:Canada :PCT/CA2013/001002 :04/12/2013	 (71)Name of Applicant : 1)NOVA CHEMICALS (INTERNATIONAL) S.A. Address of Applicant :Avenue de la Gare 14 CH 1700 Fribourg Switzerland (72)Name of Inventor : 1)KER Victoria 2)LAM Patrick 3)JIANG Yan 4)HOANG Peter Phung Minh 5)CARTER Charles Ashton Garret 6)MORRISON Darryl J.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Ethylene copolymers having a relatively high melt flow ratio and a multimodal profile in a temperature rising elution fractionation (TREF) plot are disclosed. Such polymers are produced from a gas phase single reactor process where a phosphinimine ligated group IV metallocene catalyst is used. The copolymers can be made into film having good dart impact values and good stiffness properties under decreased extruder pressures.

No. of Pages : 105 No. of Claims : 22

(21) Application No.1657/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :01/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : IMPROVED PEPTIDE PHARMACEUTICALS FOR INSULIN RESISTANCE

 (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 	:PCT/US2013/071077 :20/11/2013 :WO 2014/081872 :NA :NA	 (71)Name of Applicant : MEDERIS DIABETES, LLC Address of Applicant :725 Lynwood Drive, Encinitas, CA 92024 UNITED STATES OF AMERICA. (72)Name of Inventor : NESTOR, John, J.
Number Filing Date	:NA :NA	

(57) Abstract :

Described herein are methods of syntheses and therapeutic uses of covalently modified peptides and/or proteins. The covalently modified peptides and/or proteins allow for improved pharmaceutical properties of peptide and protein-based therapeutics.

No. of Pages : 153 No. of Claims : 73

(21) Application No.1658/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :01/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : WEIR FOR IMPROVED CRYSTAL GROWTH IN A CONTINUOUS CZOCHRALSKI 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 	:C30B15/12,C30B29/06 :13/689,189 :29/11/2012 :U.S.A. :PCT/US2013/071879 :26/11/2013 :WO 2014/085391 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SOLAICX, INC. Address of Applicant :501 Pearl Drive, St. Peters, Missouri 63376 UNITED STATES OF AMERICA. (72)Name of Inventor : 1)SWAMINATHAN, Tirumani N.
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(57) Abstract :

An apparatus for growing ingots by the Czochralski method includes a growth chamber defining an enclosure configured to circulate a purge gas about the growing ingot and a crucible provided in the growth chamber configured to hold the molten silicon. A weir is supported in the crucible and is configured to separate the molten silicon into an inner growth region surrounding the melt/crystal interface from an outer region configured to receive the crystalline feedstock. The weir comprises at least one sidewall extending vertically and a cap extending substantially perpendicularly to the sidewall.

No. of Pages : 18 No. of Claims : 22

(21) Application No.1765/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : EXPANDING	BPANEL STIFFENER	
(51) International classification	:B62D29/00	(71)Name of Applicant :
(31) Priority Document No	:61/726259	1)ZEPHYROS INC.
(32) Priority Date	:14/11/2012	Address of Applicant :160 Mclean Drive Romeo MI 48065
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2013/070059	(72)Name of Inventor :
Filing Date	:14/11/2013	1)QUADERER Dean
(87) International Publication No	:WO 2014/078510	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A device comprising an expandable material (12) and a fiberglass mesh (14) located in direct planar contact with the expandable material and along the entirety of the expandable material. The expandable material is tacky prior to expansion allowing the expandable material to adhere to the fiberglass mesh and to a surface for reinforcing the surface.

No. of Pages : 14 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :09/06/2015

(21) Application No.1767/KOLNP/2015 A

(43) Publication Date : 22/01/2016

(51) International classification	:H04L12/891	(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/EP2012/072608	1)ZHANG Jiangtao
Filing Date	:14/11/2012	2)JOHANSSON Bengt
(87) International Publication No	:WO 2014/075716	3)PETTERSSON Sten Rune
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alexandra		

(54) Title of the invention : CONTENT BASED OVERLOAD PROTECTION

(57) Abstract :

Unit (1 eNB SGW PGW) comprising a processor (20) and interface means (10) adapted for receiving and transmitting packets (15 17) to external units (1 eNB SGW PGW) over a communication interface. The interface means (10) comprises a first layer filtering means (101) operating according to first level filtering rules (1010) and first packet queues (Q1_1 Q1_n); while the processor (20) comprises at least one kernel (KL_1 KL_n) second layer filteringmeans (102) operating according to second level filtering rules (1020) second packet queues and applications. For a given packet received on the communication interface the unit being adapted for delivering (12) parts the packet to the first layer filtering means (101); applying first level filtering (14); performing first sorting (16) and delivering parts of the packet according to the first level filtering rules (201) and delivering parts of the packet to one of the first packet queues; applying (24) second level filtering; performing second sorting (26) of parts of the packet according to the second level filtering rules (201) and delivering (28) parts of the packet to one of the applications in dependence on the second level filtering rules (201) and delivering (28) parts of the packet to one of the applications in dependence on the second level filtering rules (201) and delivering (28) parts of the packet to one of the applications in dependence on the second level filtering rules (201) and delivering (28) parts of the packet to one of the applications in dependence on the second sorting (AP_1 AP_n).

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

(21) Application No.1768/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : AUTOMATIC GAIN CONTROL IN A HETEROGENEOUS MOBILE COMMUNICATION NETWORK

(31 (32 (33 (86 (87 (61) International classification) Priority Document No) Priority Date) Name of priority country) International Application No Filing Date) International Publication No) Patent of Addition to Application mber Filing Date 	:H04W52/00 :NA :NA :NA :PCT/CN2012/086636 :14/12/2012 :WO 2014/089819 :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)LI Shaohua
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention refers to performing an automatic gain control AGC with respect to a received signal comprising a plurality of consecutive subframes (S1 S12) comprising identifying subframes that are associated to a first subset of the consecutive subframes (S1 S3 S4 S5 S7. S8 S9 S11 S12) performing a first (10) signal power measurement with respect to the received signal during the first subset of the consecutive subframes and performing the AGC according to the first signal power measurement. The invention further refers to a user equipment and to a corresponding computer program.

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

(21) Application No.1677/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :02/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHODS OF MAKING SINGLE LAYER LITHIUM ION BATTERY SEPARATORS HAVING NANOFIBER AND MICROFIBER COMPONENTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:20/11/2013	 (71)Name of Applicant : 1)MORIN Brian G. Address of Applicant :2 Research Drive Suite 230 Greenville South Carolina 29607 U.S.A. (72)Name of Inventor : 1)MORIN Brian G.
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2014/081861 :NA :NA :NA :NA	

(57) Abstract :

An insulating (nonconductive) microporous polymeric battery separator comprised of a single layer of enmeshed microfibers and nanofibers is provided. Such a separator accords the ability to attune the porosity and pore size to any desired level through a single nonwoven fabric. Through a proper selection of materials as well as production processes the resultant battery separator exhibits isotropic strengths low shrinkage high wettability levels and pore sizes related directly to layer thickness. The overall production method is highly efficient and yields a combination of polymeric nanofibers within a polymeric microfiber matrix and/or onto such a substrate through high shear processing that is cost effective as well. The separator a battery including such a separator the method of manufacturing such a separator and the method of utilizing such a separator within a battery device are all encompassed within this invention.

No. of Pages : 53 No. of Claims : 21

(21) Application No.1678/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :02/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : BEVERAGE CONTAINER WITH RECESSED TOP AND METHOD FOR USING SAME

(57) Abstract :

A beverage container that includes a cylindrical main body portion having an open top and a closed bottom and that defines an interior. The bottom includes a contact surface and a continuous concave non contact portion extending therebetween. The cylindrical main body portion defines a first volume. The container also includes a removable cover positioned at a location between the bottom and the top and a recess defined between the removable cover and the open top. The recess defines a second volume that is between about 5% and about 50% of the first volume.

No. of Pages : 31 No. of Claims : 20

(21) Application No.1679/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :02/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : STABILIZATION OF TIOTROPIUM SOLVATES

classification(31) Priority Document No(32) Priority Date(33) Name of priority(33) Name of prioritycountry(86) InternationalApplication NoFiling Date(87) InternationalPublication No(61) Patent of Addition toApplication NumberFiling Date(62) Divisional toApplication NumberString Date	C07D451/10,A61K31/46,A61P11/06 NA NA NA PCT/CZ2012/000112 05/11/2012 WO 2014/067499 NA NA NA	 (71)Name of Applicant : 1)ZENTIVA K.S. Address of Applicant :U. Kabelovny 130 102 37 Praha 10 Czech Republic (72)Name of Inventor : 1)CERNA Igor 2)HAJICEK Josef 3)DAMMER Ondrej 4)KEBBATI Mokhtar 5)BILLOT Pascal 6)HOSEK Patrik
Filing Date :	INA	

(57) Abstract :

A method for stabilization of micronized or milled solvates of tiotropium bromide in which the solvates are deposited in a saturated atmosphere of the adequate solvent for the time period sufficient for recovery of the original amount of solvent in the solvate. A stable tiotropium bromide solvate with 1 3 propanediol.

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

(21) Application No.1787/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND APPARATUS FOR PERFORMING SCHEDULING IN WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04W72/12,H04W72/04	(71)Name of Applicant :
(31) Priority Document No	:1020120134077	1)SAMSUNG ELECTRONICS CO. LTD.
(32) Priority Date	:23/11/2012	Address of Applicant :129 Samsung ro Yeongtong gu Suwon
(33) Name of priority country	:Republic of Korea	si Gyeonggi do 443 742 Republic of Korea
(86) International Application No	:PCT/KR2013/010728	(72)Name of Inventor :
Filing Date	:25/11/2013	1)LEE Hee Kwang
(87) International Publication No	:WO 2014/081258	2)KWON Ho Joong
(61) Patent of Addition to Application	:NA	3)MOON June
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for performing a scheduling operation by a centralized scheduler in a wireless communication system is provided. The method includes receiving Channel State Information (CSI) about a channel between each of a plurality of Transmission Points (TPs) and each of a plurality of User Equipments (UEs) performing communication with each of the plurality of TPs from each of the plurality of TPs performing a first scheduling operation for allocating wireless resources to each of the plurality of TPs based on the CSI received from each of the plurality of TPs and transmitting first scheduling information representing a result of the first scheduling operation to each of the plurality of TPs. The first scheduling information contains transmission power information representing transmission power for each of the wireless resources allocated to each of the plurality of TPs and is used to perform a second scheduling operation to select a UE to communicate with each of the plurality of TPs.

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

(21) Application No.1788/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : POLYETHYLENE COMPOSITIONS HAVING HIGH DIMENSIONAL STABILITY AND EXCELLENT PROCESSABILITY FOR CAPS AND CLOSURES

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	n :C08L23/08,B65D41/04,C08F2/00 :2798854 :14/12/2012 :Canada	 (71)Name of Applicant : 1)NOVA CHEMICALS (INTERNATIONAL) S.A. Address of Applicant :Avenue de la Gare 14 CH 1700 Fribourg Switzerland
 (33) Name of priority country (86) International Application No (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:PCT/CA2013/000896 :22/10/2013 :WO 2014/089670 :NA :NA :NA	 (72)Name of Inventor : 1)WANG XiaoChuan 2)LACOMBE Yves 3)CHECKNITA Douglas Walter 4)REJMAN Mark 5)BOTROS Matthew Zaki 6)ANSEEUW Renèe Laurel

(57) Abstract :

A dual reactor solution polymerization process gives high density polyethylene compositions containing a first ethylene copolymer and a second ethylene copolymer and which have high dimensional stability excellent processability as well as good organoleptic properties and reasonable stress cracking resistance. The polyethylene compositions are suitable for compression molding or injection molding applications and are particularly useful in the manufacture of caps and closures for bottles especially bottles containing non pressurized liquids.

No. of Pages : 70 No. of Claims : 52

(21) Application No.1689/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :03/06/2015

(43) Publication Date : 22/01/2016

(51) International classification	:H01L31/042	(71)Name of Applicant :
(31) Priority Document No	:13/691,597	1)SUNEDISON MICROINVERTER PRODUCTS LLC
(32) Priority Date	:30/11/2012	Address of Applicant :600 Clipper Drive, Belmont, California
(33) Name of priority country	:U.S.A.	94002 UNITED STATES OF AMERICA.
(86) International Application No	:PCT/US2013/071996	(72)Name of Inventor :
Filing Date	:26/11/2013	1)POTHARAJU, Suryanarayana
(87) International Publication No	:WO 2014/085446	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11-4		1

(54) Title of the invention : SOLAR MODULE HAVING A BACK PLANE INTEGRATED INVERTER

(57) Abstract :

A solar module device with a back plane integrated inverter device includes a substrate member having a front side and a back side. The device has a plurality of solar cells, which includes a first group of solar cells connected in a first serial configuration and a second group of solar cells connected in a second serial configuration, and a tab wire configuration formed overlying the front side of the substrate member. The tab wire includes a first interconnection coupled to the first set of solar cells in the first serial configuration and a second interconnection coupled to the second set of solar cells in the second set of connections coupled to the first set of connections coupled to the first interconnection and a second set of connections coupled to the second interconnection coupled to the first set of connections coupled to the second interconnection.

No. of Pages : 39 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :03/06/2015

(21) Application No.1690/KOLNP/2015 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : COOLING D	EVICE	
 (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 	:F28D15/02 :2012-270853 :11/12/2012 :Japan :PCT/JP2013/083004 :09/12/2013 :WO 2014/092057 :NA :NA :NA :NA	 (71)Name of Applicant : 1)FURUKAWA ELECTRIC CO., LTD. Address of Applicant :2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1008322 JAPAN (72)Name of Inventor : 1)ISEMURA Masakazu 2)OKAMOTO Tsuyoshi 3)YAMADA Hiroshi 4)KONISHI Kazuhiro 5)SANO Masaki

(57) Abstract :

The present invention provides a cooling device having a radiation fin disposed also on a bent section of heat pipe near a heat receiving block and adapted to receive a wind evenly over the entire radiation fin thereby exhibiting improve d cooling ability. A cooling device (10) is provided with a heat receiving block (2) thermally connected to electronic components H1 and H2 constituting an exothermic body a heat pipe (3) for transporting heat received from the heat receiving block (2) and erected upright on the surface of the heat receiving block (2) and a plurality of fins (4) provided to the heat pipe (3). The fins (4) are configured from a first fin group (41) installed on a straight section (34) of the heat pipe (3) and a second fin group (42) installed on a bent section (33).

No. of Pages : 33 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :10/06/2015

DODE A DI E LEVEL GENGOD

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(21) Application No.1790/KOLNP/2015 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : PORTABLE I	LEVEL SENSOR	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A61F5/44 :1223353.2 :24/12/2012 :U.K. :PCT/GB2013/053380	 (71)Name of Applicant : 1)SERES HEALTHCARE LIMITED Address of Applicant :62 Wilson Street London Greater London EC2A 2BU U.K. (72)Name of Inventor :
Filing Date (87) International Publication No	:20/12/2013 :WO 2014/102537	1)SERES Michael 2)BLOOM Adam
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)HUTCHINSON James 4)TOZER Nigel 5)BARLOW Steven
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A portable level sensor for a flexible bag for collecting a fluid and/or a solid and a system and method for sensing the content level of a flexible bag using the portable level sensor. The sensor comprises a flexible resistor element with an electrical resistance that changes in dependence upon its degree of flexing means for attaching the resistor element to an outside surface of the flexible bag and means for periodically polling the electrical resistance of the resistor element and transmitting to a receiver a signal which varies in dependence on the said electrical resistance.

No. of Pages : 21 No. of Claims : 28

(21) Application No.1791/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : POSITIVE ELECTRODE MATERIAL FOR LITHIUM SECONDARY BATTERIES

 (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 	:2012280170 :21/12/2012 :Japan :PCT/JP2013/007223 :09/12/2013 :WO 2014/097569 :NA :NA :NA	 (71)Name of Applicant : 1)JFE MINERAL COMPANY LTD. Address of Applicant :Shibakoen First Building 8 2 Shiba 3 chome Minato ku Tokyo 1050014 Japan (72)Name of Inventor : 1)HAMANO Yoshiaki 2)IWASAKI Yosuke
Filing Date	:NA	

(57) Abstract :

abcdexA positive electrode material for lithium secondary batteries which is characterized by having an overall composition that is a composite oxide represented by LiNiMNLO. In this connection M represents one or two elements selected from among Mn and Co; N represents one or more elements selected from the group consisting of Mg Al Ti Cr and Fe; L represents one or more elements selected from the group consisting of Mg Al Ti Cr and Fe; L represents one or more elements selected from the group consisting of B C Na Si P S K Ca and Ba; a/(b + c + d) is 0.80 1.30; b/(b + c + d) is 0.30 0.95; c/(b + c + d) is 0.05 0.60; d/(b + c + d) is 0.005 0.10; e/(b + c + d) is 0.0005 0.010; b + c + d = 1; and x is 1.5 2.5.

No. of Pages : 44 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :10/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : PERCUSSION DEVICE FOR A HYDRAULIC ROCK DRILLING MACHINE, METHOD OF OPERATION OF A PERCUSSION DEVICE AND HYDRAULIC ROCK DRILLING MACHINE INCLUDING A PERSUSSION DEVICE

(51) International classification (31) Priority Document No	:E21B1/26,B25D9/14,B25D9/26 :1251341-2 :28/11/2012	 (71)Name of Applicant : 1)ATLAS COPCO ROCK DRILLS AB Address of Applicant :S-701 91 Örebro SWEDEN
(32) Priority Date(33) Name of priority country	:Sweden	(72)Name of Inventor :
(86) International Application N Filing Date	o:PCT/SE2013/051265 :30/10/2013	1)JOHANSSON, Thomas
(87) International Publication No.		
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A percussion device for a hydraulic rock drilling machine (1) including, inside a cylinder (4), a to and fro moveable impact piston (3), which is provided with a land portion (12) for cooperation with a braking recess (11) in the cylinder (4) for the establishment of a braking chamber in advanced positions of the impact piston, wherein a throttle slit (17) is arranged to be established between the land portion (12) and the braking recess (11). A pressure channel (14), being connected to a pressure medium source, is arranged to debouch in the cylinder (4) between the piston guiding device (6) and a position of the land portion (12) in a most advanced position of the impact piston (3). The invention also concerns a method and a hydraulic rock drilling machine.

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

(19) INDIA

(22) Date of filing of Application :10/06/2015

(21) Application No.1793/KOLNP/2015 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : GEL COMPOSITIONS

 (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 	¹ :PCT/EP2013/076677 :16/12/2013 :WO 2014/095705 :NA :NA	 (71)Name of Applicant : 1)LABORATORIOS OJER PHARMA, S.L. Address of Applicant :C/ Sancho El Mayor, 2, 1° Iz, E-31002 Pamplona SPAIN (72)Name of Inventor : 1)GONZÁLEZ OJER, Carlos 2)DA COSTA MARTINS, Raquel Maria 3)SUÑÉNEGRE, Josep M. 4)MIÑÉRRO CARMONA, Montserrat 5)TICÓ GRAU, Josep Ramon 6)GARCÍA MONTOYA, Encarna 7)PÉREZ LOZANO, Pilar 8)ROIG CARRERAS, Manel 9)SÁNCHEZ PORQUERES, Natalia
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(57) Abstract :

The present invention provides a gel combination comprising: polycarbophil in an amount comprised from 1 to 5% by weight; polyvinylpirrolidone in an amount comprised from 4 to 8% by weight; glycerine in an amount comprised from 1 to 10% by weight;and propyleneglycolin an amount comprised from 20 to 40% by weight;wherein:the weight ratio between polyvinylpirrolidone: polycarbophil is comprised between 1:1 and 4:1, the weight ratio between glycerine:polycarbophil is comprised from 0.5:1 to 2:1, and the weight ratio propyleneglycol:polycarbophil is comprised from 8:1 to 20:1. The invention also provides transparent compositions comprising such gel combinations as well as processes for their preparation and the use thereof as a medicament. Due to the specific excipients, % by weight, and weight ratiosforming the combination, the resultingcompositions show a high bioadhesivity and bioavailablity of the active ingredient, without toxic adverse effects.

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

(21) Application No.1794/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : TENSION BALANCER FOR OVERHEAD LINE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H02G7/02,B60M1/26,H02G7/04 :2012-265486 :04/12/2012 :Japan	 (71)Name of Applicant : 1)NHK SPRING CO., LTD. Address of Applicant :10, Fukuura 3-chome, Kanazawa-ku, Yokohama-shi, Kanagawa 2360004 JAPAN
 (86) International Application No Filing Date (87) International Publication 	:PCT/JP2013/081903 :27/11/2013 :WO 2014/087897	(72)Name of Inventor :1)SASA, Osamu2)KUMAGAI, Kazuhiro
No (61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided is a tension balancer for an overhead line, the tension balancer being less likely to be affected by dust. A tension balancer for an overhead line is provided with: an inner central cylinder member (102) and an outer cylinder member (101), which are arranged coaxially with each other with a gap therebetween; a coiled spring (104) which applies elastic force directed against the extension of the central cylinder member (102) relative to the outer cylinder member (101); and a dust blocking member (301) which prevents dust from entering through a gap (304).

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

(12) INDIA

(21) Application No.1795/KOLNP/2015 A

(22) Date of filing of Application :10/06/2015

(43) Publication Date : 22/01/2016

(51) International classification	:G06F17/20,G06F19/00	(71)Name of Applicant :
(31) Priority Document No	:61/751,506	1)LA PRESSE, LTÉE
(32) Priority Date	:11/01/2013	Address of Applicant :7, rue St-Jacques, Montréal, Québec
(33) Name of priority country	:U.S.A.	H2Y 1K9 CANADA
(86) International Application No	:PCT/CA2014/050013	(72)Name of Inventor :
Filing Date	:10/01/2014	1)BRÉARD, Nicolas
(87) International Publication No	:WO 2014/107808	2)HOOFD, Guillaume
(61) Patent of Addition to Application	:NA	3)FEURPRIER, Jean-Michel
Number		4)BÉLANGER, Françis
Filing Date	:NA	5)RIOUX, Philippe-Antoine
(62) Divisional to Application Number	:NA	6)VANDETTE-HENRI, Olivier
Filing Date	:NA	7)MARTIN, Mathieu

(54) Title of the invention : SYSTEM AND METHOD FOR GENERATING A DIGITAL EDITION

(57) Abstract :

A system and method to concurrently preview or publish a digital edition. The system comprises a compilation database and an assembler system. The assembler system includes: a receiving module to receive page edition data; a verification module to identify pages edited or created since a last successful compilation; a parser to determine whether the pages edited or created since the last successful compilation are error-free or error-generating pages and to generate replacement parsed page data or parsed page data accordingly; and a compiler. The compiler is configured to: compile the parsed page data and generate compiled page data for each of the pages edited or created since the last successful compilation; combine the compiled page data of the pages edited or created since the last successful compilation with compiled page data stored in the compilation database for unmodified pages; and generate compiled edition data.

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

(21) Application No.1796/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : DEVICE, METHOD AND SYSTEM FOR DISPLAYING DIGITAL EDITIONS

 (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 	:G06F17/20,G06F19/00 :61/751,518 :11/01/2013 :U.S.A. :PCT/CA2014/050014 :10/01/2014 :WO 2014/107809 :NA :NA :NA :NA	 (71)Name of Applicant : LA PRESSE, LTÉE Address of Applicant :7, rue St-Jacques, Montréal, Québec H2Y 1K9 CANADA (72)Name of Inventor : MARTIN, Mathieu AUDET, Simon ZREIK, George DE JONGHE, Jean-Marc PONCET, Nicolas MOLEDINA, Gulam KARIR, Jurgen CLOUTIER, Ian
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(57) Abstract :

A processor-implemented method for displaying a digital edition is provided. The digital edition is readable by a dedicated software application running on a data processing device, such as an electronic tablet. The method allows opening the digital edition, such as a daily newspaper, even though the edition is not completely downloaded on the data processing device. The digital edition comprises a compiled file including a structure of the edition, and a list of minimal assets located on a remote storage and required to open the edition. A processing device configured to perform the method is also provided, as well as a backend system to generate the digital edition files.

No. of Pages : 39 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :03/06/2015

(21) Application No.1691/KOLNP/2015 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : COOLING A	APPARATUS	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 		 (71)Name of Applicant : 1)FURUKAWA ELECTRIC CO., LTD. Address of Applicant :2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1008322 JAPAN (72)Name of Inventor : 1)YAMADA Hiroshi 2)OKAMOTO Tsuyoshi 3)ISEMURA Masakazu 4)HASHIMOTO Nobuyuki

(57) Abstract :

Provided is a cooling apparatus, which is capable of preventing an installation space and power consumption from increasing, and which is also capable of improving cooling performance in the downstream. A cooling apparatus (1) of the present invention is provided with: a heat receiving block (11) that is thermally connected to heat generating elements (10-1 to 10-8); a heat pipe group (12) thermally connected to the heat receiving block; and a heat dissipating fin group (13) thermally connected to a plurality of heat pipes. The heat pipe group (12) has: a heat pipe unit (12-1) which is disposed in the upstream of a cooling air flow and which is configured from a plurality of heat pipes (12A) that are disposed substantially perpendicular to the cooling air flow direction (F); and a heat pipe unit (12-2) which is disposed in the downstream of the cooling air flow (F), and which is configured from a plurality of heat pipes (12B) that are disposed substantially perpendicular to the cooling air flow direction (F).

No. of Pages : 37 No. of Claims : 7

(21) Application No.1692/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :03/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : MICROCONTROLLER FOR POLLUTION CONTROL SYSTEM FOR AN 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 	:15/01/2014 :WO 2014/113496	 (71)Name of Applicant : 1)MONROS, Serge V. Address of Applicant :2530 South Birch Street, Santa Ana, California 92707 UNITED STATES OF AMERICA. (72)Name of Inventor : 1)MONROS, Serge V.
 (61) Facility of Facility is reppleated in Number (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

A pollution control system for an internal combustion engine includes a microcontroller and a power supply a plurality of sensors configured to measure operating parameters of the engine and a PCV valve responsive to a control signal from the microcontroller and configured to regulate a flow rate of blow by gasses in the engine. The microcontroller includes programmable flash memory connected to a control processor a power supply input a sensor input configured to receive data from an engine sensor and a signal output configured to transmit a signal from the control processor so as to control operation of a PCV valve regulating a flow rate of blow by gasses in the engine.

No. of Pages : 36 No. of Claims : 16

(21) Application No.1693/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :03/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : SYSTEM AND METHOD FOR MONITORING AN ESTIMATED WHEEL SPEED OF A VEHICLE USING A TRANSMISSION OUTPUT SHAFT SENSOR

(51) International classification:B60G17/0185,B60G17/019,B60W40/10(31) Priority Document No:61/746,205(32) Priority Date:27/12/2012(33) Name of priority country:U.S.A.(86) International Application No Filing Date:PCT/US2013/075042(87) International Publication No:WO 2014/105465(87) International Filing Date:WA(87) International Publication No:WA(61) Patent of Addition to Application Number Filing Date:NA(62) Divisional to Application Number Filing Date:NA	(71)Name of Applicant : 1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20, 70442 Stuttgart GERMANY (72)Name of Inventor : 1)YU, Zerong
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(57) Abstract :

Methods and systems are described for monitoring a determined wheel speed of a wheel. A three wheel speed values - each indicative of a measured wheel speed of a different wheel - are each received from a different wheel speed sensor. An estimated wheel speed value for a fourth wheel is determined based on at least one of the three wheel speed values. A calculated wheel speed value is determined based on information received from a vehicle system. A fault condition is detected based on deviations between the estimated wheel speed value for the fourth wheel and the calculated wheel speed value for the fourth wheel.

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

(21) Application No.1694/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :03/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : PLANT SELF NITROGEN FIXATION BY MIMICKING PROKARYOTIC PATHWAYS

 (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 	:61/732,490 :03/12/2012 :U.S.A. :PCT/US2013/072598 :02/12/2013 :WO 2014/088943 :NA :NA :NA	 (71)Name of Applicant : 1)ZALTSMAN, Adi Address of Applicant :704 Main Street, Port Jefferson, NY 11777 UNITED STATES OF AMERICA. (72)Name of Inventor : 1)ZALTSMAN, Adi
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method for engineering a transgenic plant that replicates the nitrogen fixation mechanism of photosynthetic bacteria, such as cyanobacteria, or that of other bacteria, by targeting to or expressing in plant plastids bacterial nif (nitrogen fixation) genes is provided. A method for reducing the overall concentration of nitrogen in soil is provided using a plant that replicates the nitrogen fixation mechanism of photosynthetic bacteria. Progeny of a plant that replicates the nitrogen fixation mechanism of photosynthetic bacteria is also provided.

No. of Pages : 89 No. of Claims : 35

(21) Application No.1800/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND APPARATUS FOR DETERMINING NUMBER OF HARQ PROCESSES IN WIRELESS COMMUNICATION SYSTEM

(51) International classification(31) Priority Document No(32) Priority Date	:H04L1/18,H04J11/00 :61/738,394 :18/12/2012	 (71)Name of Applicant : 1)LG ELECTRONICS INC. Address of Applicant :20 Yeouido-dong, Yeongdeungpo-gu
(33) Name of priority country	:U.S.A.	Seoul 150-721 REPUBLIC OF KOREA
(86) International Application No	:PCT/KR2013/011830	(72)Name of Inventor :
Filing Date	:18/12/2013	1)SEO, Dongyoun
(87) International Publication No	:WO 2014/098483	2)AHN, Joonkui
(61) Patent of Addition to Application	:NA	3)YANG, Suckchel
Number	:NA :NA	4)YI, Yunjung
Filing Date	.NA	5)HWANG, Daesung
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided are a method for determining the number of hybrid automatic repeat request (HARQ) processes in a carrier aggregated system configured with a plurality of serving cells, and an apparatus using such a method. The method receives data from a downlink subframe of a second serving cell, and transmits an ACK/NACK signal for the data from an uplink subframe of a first serving cell, wherein the first serving cell uses a first-type frame, the second serving cell uses a second-type frame, and the number of HARQ processes in the second serving cell are determined with respect to each subframe comprised in the second-type frame and on the basis of the number of downlink subframes comprised in each section comprising a set number of subframes.

No. of Pages : 66 No. of Claims : 8

(21) Application No.1699/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHODS TO BOND SILICA PARTS, A CRUCIBLE, A SYSTEM FOR GROWING A SINGLE CRYSTAL INGOT AND A METHOD FOR GROWING A SINGLE CRYSTAL INGOT

(51) International classification	:C03C27/06	(71)Name of Applicant :
(31) Priority Document No	:61/740,943	1)SUNEDISON, INC.
(32) Priority Date	:21/12/2012	Address of Applicant :501 Pearl Drive, St. Peters, Missouri
(33) Name of priority country	:U.S.A.	63376 UNITED STATES OF AMERICA.
(86) International Application No	:PCT/US2013/076708	(72)Name of Inventor :
Filing Date	:19/12/2013	1)PHILLIPS, Richard J.
(87) International Publication No	:WO 2014/100487	2)RATHOD, Shailendra B.
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of bonding a first silica part to a second silica part includes coating contacting surfaces of the first and second silica parts with a solution having one of silica and silica precursors. The coated surfaces of the first silica part are placed adjacent to the coated surfaces of the second silica part to form an assembly, and the assembly is heated, a crucible for use in directional solidification of multicrystalline ingots comprising a base, a sidewall and a weir, a system for growing a single crystal ingot comprising a crucible having a base, a sidewall, a weir, a heater and a feed tube, and a method for growing a single crystal ingot from a crucible having a base and a sidewall and a weir comprising placing a feedstock material into the crucible, melting the feedstock material, lowering a seed cyrstal into the melt and pulling the seed crystal from the melt to pull an ingot.

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

(21) Application No.1801/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND DEVICE FOR PRODUCING A FRICTION BEARING OR A PART THEREOF, AND FRICTION BEARING OR PART THEREOF

 classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application 	:F16C17/02,F16C33/04,F16C33/14 :10 2012 221 537.9 :26/11/2012 :Germany :PCT/EP2013/073123 :06/11/2013	 (71)Name of Applicant : 1)FEDERAL-MOGUL WIESBADEN GMBH Address of Applicant :Stielstraße 11, 65201 Wiesbaden Germany (72)Name of Inventor : 1)DAMOUR, Philippe
(87) International Publication	:WO 2014/079685	
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:NA :NA :NA :NA	

(57) Abstract :

According to a method for producing a friction bearing or a part, particularly half thereof, while machining the entire width of an inner surface both the radial extension and also the advance in the axial direction of at least one tool are changed during machining. A device for machining friction bearings or parts, particularly halves thereof, has a spindle and at least one cutting tool (14), the radial extension and advance of which can be changed during machining. In a friction bearing or part, particularly half thereof, slots or grooves are formed running in the peripheral direction, the depth and centre distance of which are designed to be larger in at least one axial edge area than in an axial central area.

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

(21) Application No.1802/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : CUSTOM WIRELESS RETROFITTED SOLAR POWERED PUBLIC TELEPHONE

Filing Date:27/11/20131)CONTRATA JR., Richard C.(87) International Publication No:WO 2014/0855862)CONTRATA III, Richard C.(61) Patent of Addition to Application:NA3)SCHAFFER, David J.Number:NA:NA(62) Divisional to Application Number:NA	 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:27/11/2013 :WO 2014/085586 :NA :NA :NA	2)CONTRATA III, Richard C.
Filing Date :NA			

(57) Abstract :

A public telephone powered by a solar panel system and configured to transmit and receive calls over a cellular network is provided. A solar panel systems and wireless unit are retrofitted to conventional public telephones to convert them to wireless operation and to enable operations independent of the electrical grid and from the local telephone exchange.

No. of Pages : 37 No. of Claims : 22

(21) Application No.1803/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/06/2015

(43) Publication Date : 22/01/2016

:E21B7/08,E21B19/00	(71)Name of Applicant :
:NA	1)BRINKMAN PRODUCTS INC.
:NA	Address of Applicant :167 Ames Street Rochester NY 1461
:NA	U.S.A.
:PCT/US2012/069752	(72)Name of Inventor :
:14/12/2012	1)BELPANNO Sandro G.
:WO 2014/092724	2)ALLART Paul W.
:NA	
:NA	
:NA	
:NA	
	:NA :NA :NA :PCT/US2012/069752 :14/12/2012 :WO 2014/092724 :NA :NA :NA

(54) Title of the invention : COLD ROOT ROLLING DEVICE

(57) Abstract :

A device (20) for root rolling a thread (T) on an object (O) includes: a body (21) an accumulator piston (24) mounted for sealed sliding movement within a body passageway (22) a coarse adjustment screw (25) threaded onto the body a Belleville spring stack (26) compressed between the coarse adjustment screw and the accumulator piston an actuator piston (28A or 28B) mounted for sealed sliding movement within a cylindrical opening (23) in the body and a thread roll (32) rotatably mounted on the actuator piston. A fine adjustment screw is threaded (33) into a first opening (34) on the body and communicates with a fluid chamber between the accumulator and actuator pistons. The positions of the coarse and fine adjustment screws may be selectively adjusted to controllably vary the fluid pressure within the chamber. The device may be mounted on a machine tool (35) and selectively moved toward the object to root roll a thread on the object when the object and device are rotated relative to one another.

No. of Pages : 23 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :04/06/2015

(21) Application No.1700/KOLNP/2015 A

(43) Publication Date : 22/01/2016

:H04W72/04,H04W72/12 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)NTT DOCOMO, INC. :2012-270843 (32) Priority Date :11/12/2012 Address of Applicant :11-1, Nagatacho 2-chome, Chiyoda-ku, (33) Name of priority country Tokyo 1006150 JAPAN :Japan (86) International Application No :PCT/JP2013/082605 (72)Name of Inventor: Filing Date 1)UCHINO, Tooru :04/12/2013 2)TAKAHASHI, Hideaki (87) International Publication No :WO 2014/091989 (61) Patent of Addition to Application 3)SAGAE, Yuta :NA Number 4)TAKEDA, Kazuaki :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : USER DEVICE AND TRANSMISSION CONTROL METHOD

(57) Abstract :

The present invention addresses the problem of providing technology for simultaneously transmitting an uplink control channel using a plurality of cells in a wireless communication system in which transmission of an uplink control channel in a secondary cell is supported. One embodiment of the present invention relates to a user device comprising: a transceiver unit that sends and receives a base station and a wireless channel via a plurality of cells that are set by carrier aggregation; a simultaneous transmission advisability determination unit that, in response to the occurrence of an event in which an uplink control channel is simultaneously transmitted using the plurality of cells, determines whether it is possible to simultaneously transmit the uplink control channel using the plurality of cells when it is possible to simultaneously transmit the uplink control channel using the plurality of cells when it is possible to simultaneously transmit the uplink control channel using the transmission of the uplink control channel in accordance with transmission priority when it is not possible to simultaneously transmit the uplink control channel using the plurality of cells.

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

(19) INDIA

(21) Application No.1701/KOLNP/2015 A

(22) Date of filing of Application :04/06/2015

(43) Publication Date : 22/01/2016

(51) International classification	:H04L12/26	(71)Name of Applicant :
(31) Priority Document No	:13/673,445	1)CITRIX SYSTEMS, INC.
(32) Priority Date	:09/11/2012	Address of Applicant :851 West Cypress Creek Road, Fort
(33) Name of priority country	:U.S.A.	Lauderdale, Florida 33309 UNITED STATES OF AMERICA.
(86) International Application No	:PCT/US2013/066874	(72)Name of Inventor :
Filing Date	:25/10/2013	1)JOSHI, Rajesh
(87) International Publication No	:WO 2014/074329	2)CHHAWCHHARIA, Gaurav
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : SYSTEMS AND METHODS FOR APPFLOW FOR DATASTREAM

(57) Abstract :

The present disclosure is directed towards systems and methods for monitoring application level flow for database applications served by a cluster of servers. An application flow monitor may receive and distribute write requests of a client to at least one master server and read requests of the client to one or more slave servers, based on load balancing or similar policies. The application flow monitor may receive responses from the recipient server and may aggregate the requests and responses into Internet Protocol Flow Information Export (IPFIX) messages that may describe the entire communication flow for the application. Accordingly, application flow statistics may be monitored, regardless of which server was involved in any particular request/response exchange, allowing scalability without impairment of administrative processes.

No. of Pages : 172 No. of Claims : 20

(21) Application No.1702/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : REDUCED COENZYME Q10 DERIVATIVE AND METHOD FOR PRODUCING SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application 	:C07C69/96,C07C68/02,C07C68/08 :2012-264558 :03/12/2012 7 :Japan P:PCT/JP2013/082375	 (71)Name of Applicant : 1)KANEKA CORPORATION Address of Applicant :2-3-18, Nakanoshima, Kita-ku, Osaka-shi, Osaka 5308288 JAPAN (72)Name of Inventor : 1)KOGA, Teruyoshi
No Filing Date	:02/12/2013	2)OKAMOTO, Yoshihisa 3)YAMAGUCHI, Takao
(87) International Publication No	:WO 2014/087972	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	¹ :NA :NA	

(57) Abstract :

A reduced coenzyme Q10 derivative represented by formula (1). (R1 and R2 each independently represent H or an alkoxycarbonyl group represented by formula (2), and at least one of them is an alkoxycarbonyl group represented by formula (2). In formula (2), R3 is an optionally substituted linear, branched, or cyclic alkyl group having 1-20 carbon atoms, optionally substituted aryl group having 6-20 carbon atoms, or optionally substituted heteroaryl group having 4-20 carbon atoms. However, when R3 is a group substituted by polyethylene glycol, the molecular weight of the polyethylene glycol is 300 or lower.)

No. of Pages : 56 No. of Claims : 15

(21) Application No.1810/KOLNP/2015 A

(19) INDIA

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

(43) Publication Date : 22/01/2016

(54) Title of the invention : VEHICLE CONTROL APPARATUS, AND METHOD OF CONTROLLING SAME

(31) Priority Document No:P2012-258689Address of Applicant :2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0023 Japan(32) Priority Date (33) Name of priority country:27/11/2012(72)Name of Inventor : 1)Masashi ONO 2)Takahiro YOSHINO(86) International Application No Filing Date:PCT/JP2013/076904 :03/10/2013:Japan(72)Name of Inventor : 1)Masashi ONO 2)Takahiro YOSHINO(87) International Publication No (61) Patent of Addition to Application Number Filing Date:WO 2014/0839373) Yuuzou KAGEYAMA(62) Divisional to Application Number Filing Date:NA :NA:NA :NA:NA :NA	classification:B60W10/04,B60W10/06,B60W10/1011)NIS(31) Priority Document No:P2012-258689Add Yokoha(32) Priority Date (33) Name of priority country:27/11/2012(72)Nat 1)Ma 2)Tak(36) International (86) International:PCT/IP2013/0769043) Yu	me of Inventor : sashi ONO sahiro YOSHINO
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(57) Abstract :

A vehicle control apparatus is provided with: a first target drive power calculation unit (101) that calculates a first target drive power on the basis of an accelerator position; a target transmission ratio calculation unit (105) that calculates a target transmission ratio of a continuously variable transmission on the basis of the first target drive power; a target torque calculation unit (107) that calculates a target torque of a drive source on the basis of the first target drive power; an air density detection unit that detects an air density; and a first correction unit (106) that corrects of the target transmission ratio and the target torque only the target torque in accordance with the air density.

No. of Pages : 20 No. of Claims : 5

(21) Application No.1805/KOLNP/2015 A

(19) INDIA

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

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING CONTROL CHANNEL BY BEAMFORMING IN A WIRELESS 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 Filing Date 	:H04B7/04 :1020120150353 :21/12/2012 :Republic of Korea :PCT/KR2013/012030 :23/12/2013 :WO 2014/098542 :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)YU Hyun Kyu 2)KIM Tae Young 3)PARK Jeong Ho 4)JEONG Cheol
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(57) Abstract :

A method and apparatus for transmitting and receiving a control channel by beamforming in a wireless communication system are provided. The transmission method includes determining a plurality of pieces of control information to be transmitted on control channels and determining transmission beams for use in beamforming transmission of the plurality of pieces of control information, mapping at least one piece of beam region information indicating at least one beam region in a control channel region and the plurality of pieces of control information to the at least one beam region in the control channel region, at least one piece of control information corresponding to the same transmission beam being arranged in one beam region, and transmitting the mapped beam region information and the mapped control information by transmission beams corresponding to the beam regions in the control channel region.

No. of Pages : 37 No. of Claims : 18

(21) Application No.1806/KOLNP/2015 A

(19) INDIA

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

(43) Publication Date : 22/01/2016

(54) Title of the invention : SIDE ARM EXTENSIONS AND MATTRESS ATTACHMENT COMPONENTS FOR PATIENT TRANSPORT DEVICES

(51) International classification	:A61G7/075	(71)Name of Applicant :
(31) Priority Document No	:61/733072	1)FERNO WASHINGTON INC.
(32) Priority Date	:04/12/2012	Address of Applicant :70 Weil Way Wilmington OH 45177
(33) Name of priority country	:U.S.A.	9371 U.S.A.
(86) International Application No	:PCT/US2013/073005	(72)Name of Inventor :
Filing Date	:04/12/2013	1)VALENTINO Nicholas V.
(87) International Publication No	:WO 2014/089153	2)MAGILL Brian
(61) Patent of Addition to Application	:NA	3)DIETZ Timothy
Number	:NA :NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Embodiments of a side arm extension for a patient transport device comprise a patient transport device engagement member configured to engage a patient transport device frame or a support frame attached to the patient transport device frame, the side arm extension further comprising a rotatable and pivotable arm rest, and a side arm motion base connecting the arm rest to the patient transport device engagement member. The side arm motion base comprises, a rotational mechanism configured to rotate the arm rest, and a swing mechanism configured to pivot outwardly from the arm rest perpendicular to a perimeter of the patient transport device frame.

No. of Pages : 35 No. of Claims : 18

(19) INDIA

0N (21) Application No.1807/KOLNP/2015 A

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

(43) Publication Date : 22/01/2016

(51) International classification	:A61G7/012	(71)Name of Applicant :
(31) Priority Document No	:61/733060	1)FERNO WASHINGTON INC.
(32) Priority Date	:04/12/2012	Address of Applicant :70 Weil Way Wilmington OH 45177
(33) Name of priority country	:U.S.A.	9371 U.S.A.
(86) International Application No	:PCT/US2013/073069	(72)Name of Inventor :
Filing Date	:04/12/2013	1)VALENTINO Nicholas V.
(87) International Publication No	:WO 2014/089180	2)JEFFRIES Michael
(61) Patent of Addition to Application	:NA	3)MAGILL Brian
Number	:NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : MANUAL RELEASE SYSTEMS FOR AMBULANCE COTS

(57) Abstract :

Embodiments of a cot comprise a support frame, legs coupled to the support frame, at least one hydraulic actuator configured to raise or lower the legs, and a manual release system coupled to the at least one actuator and configured to lower the cot manually at a controlled descent rate. The manual release system comprises a manual actuation component, a manual release valve operable to be opened upon actuation by the manual actuation component, a fluid reservoir operable to receive hydraulic fluid from the at least one actuator upon opening of the manual valve; and a flow regulator configured to control the flow rate of the hydraulic fluid into the fluid reservoir, wherein the release of hydraulic fluid into the fluid reservoir at the controlled flow rate is configured to manually lower the cot at the controlled descent rate.

No. of Pages : 55 No. of Claims : 15

(21) Application No.1808/KOLNP/2015 A

(19) INDIA

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

(43) Publication Date : 22/01/2016

(51) International classification	:G21C19/18	(71)Name of Applicant :
(31) Priority Document No	:61/756136	1)WESTINGHOUSE ELECTRIC COMPANY LLC
(32) Priority Date	:24/01/2013	Address of Applicant :1000 Westinghouse Drive Suite 141
(33) Name of priority country	:U.S.A.	Cranberry Township PA 16066 U.S.A.
(86) International Application No	:PCT/US2013/074052	(72)Name of Inventor :
Filing Date	:10/12/2013	1)KAUFMANN Adam B.
(87) International Publication No	:WO 2014/133622	2)STEFKO David J.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : NUCLEAR FUEL ASSEMBLY HANDLING APPARATUS

(57) Abstract :

A fuel assembly handling tool that can be lowered onto the top nozzle of a fuel assembly, positively latch the top nozzle, unlatch from the top nozzle, and be raised off the top nozzle of the fuel assembly. The tool head, that interfaces with the top nozzle has load bearing grippers that latch onto the fuel assembly, that are located in a storage position up within the tool while the tool is lowered onto the fuel assembly. The gripper fingers are then lowered into position during the latching process, and are raised back to the storage position during the unlatching process. In the storage position, the gripping fingers are spaced above the fuel assembly top nozzle when the tool head is resting on the nozzle.

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

(21) Application No.1703/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR CATALYTIC OXIDATION OF CELLULOSE AND METHOD FOR MAKING A CELLULOSE PRODUCT

(51) International classification	:D21C9/00,C08B15/04	(71)Name of Applicant :
(31) Priority Document No	:20126306	1)UPM-KYMMENE CORPORATION
(32) Priority Date	:13/12/2012	Address of Applicant : Alvar Aallon katu 1, FI-00100 Helsinki
(33) Name of priority country	:Finland	FINLAND
(86) International Application No	:PCT/FI2013/051166	(72)Name of Inventor :
Filing Date	:13/12/2013	1)TIENVIERI, Taisto
(87) International Publication No	:WO 2014/091086	2)KAJANTO, Isko
(61) Patent of Addition to Application	:NA	3)OJALA, Tero
Number	:NA :NA	4)SAARELA, Sami
Filing Date	.117	5)NUOPPONEN, Markus
(62) Divisional to Application Number	:NA	6)PÄÄKKÖNEN, Timo
Filing Date	:NA	7)VUORINEN, Tapani

(57) Abstract :

Cellulose is oxidized catalytically using a heterocyclic nitroxyl radical as catalyst, main oxidant acting as oxygen source, and an activator of the heterocyclic nitroxyl radical. The oxidation is performed in a reaction medium which is at medium consistency of cellulosic pulp, which is above 6%, more preferably equal to or higher than 8%, and most preferably in the range of 8 -12%. The reaction medium is mixed in a reactor through circulation of the reaction medium back to the reactor.

No. of Pages : 31 No. of Claims : 24

(21) Application No.1704/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : DESIGNING A SOLUBLE FULL-LENGTH HIV-1 GP41 TRIMER

 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 	:C07K19/00,C07K14/155,C12N15/62 :61/731,147 :29/11/2012 :U.S.A. :PCT/IB2013/060453 :27/11/2013 :WO 2014/083518 :NA :NA :NA	 (71)Name of Applicant : 1)THE CATHOLIC UNIVERSITY OF AMERICA Address of Applicant :620 Michigan Avenue, NE, Washington, District of Columbia 20064 UNITED STATES OF AMERICA. (72)Name of Inventor : 1)RAO, Venigalla B. 2)GAO, Guofen
Filing Date	:NA	

(57) Abstract :

Described herein is a soluble HIV-1 retrovirus transmembrane glycoprotein gp41 trimer (Soc-gp41M-Fd) containing a partial ectodomain and the cytoplasmic domain, that is fused to the small outer capsid (Soc) protein of bacteriophage T4 and the Foldon domain of the bacteriophage T4 fibritin (Fd). The gp41 trimer that has a prehairpin structure could be utilized to understand the mechanism of viral entry and as a candidate for development of HIV-1 vaccines, diagnostics and therapeutics. Other secondary embodiments of the gp4 proteins containing different modifications are also disclosed. According to one embodiment, the gp41 trimer is further attached to a cell penetration peptide (CPP). Methods of producing 10 gp41 trimers are also disclosed.

No. of Pages : 49 No. of Claims : 34

(21) Application No.1705/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/06/2015

(43) Publication Date : 22/01/2016

	C ⁻	
(51) International classification	:H02G3/12,H02G3/18	(71)Name of Applicant :
(31) Priority Document No	:FR12/03509	1)LEGRAND FRANCE
(32) Priority Date	:20/12/2012	Address of Applicant :128 avenue du Maréchal de Lattre-de
(33) Name of priority country	:France	Tassigny, F-87000 Limoges FRANCE
(86) International Application No	:PCT/FR2013/053125	2)LEGRAND SNC
Filing Date	:17/12/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2014/096676	1)CAILLE, Jean-Loup
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : ELECTRICAL EQUIPMENT MODULE

(57) Abstract :

The invention concerns an electrical equipment module (130), to be inserted into a wiring box (110), comprising a housing (131) made of an insulating material and consisting of: a side wall (132) closed at the rear by a rear wall (133) in order to define an inner space for receiving at least one electrical connection element, and an outer rim (135) that follows the side wall at the front and bears against the front edge (115) of said wiring box. According to the invention, the housing comprises a front wall (134) that closes said inner space at the front and that has: a window (137) allowing access to each electrical connection element, closed by a cap (139) that confers to the electrical equipment module the electrical function thereof, and means (138) for attaching a finishing plate (150).

No. of Pages : 35 No. of Claims : 16

(21) Application No.1812/KOLNP/2015 A

(19) INDIA

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

(43) Publication Date : 22/01/2016

(54) Title of the invention : RECEPTACLE FOR AN AT LEAST SUBSTANTIALLY CUBOID SHAPED CONTAINER IN AN INTERIOR OF A MOTOR VEHICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) International Application No Filing Date (28/11/2013 (28/	 (71)Name of Applicant : 1)DAIMLER AG Address of Applicant :Mercedesstrasse 137 70327 Stuttgart Germany (72)Name of Inventor : 1)DONY George 2)HONNAPPANAVAR Chandrappa 3)KLOTH Katharina 4)THOMBARE Vivek 5)WAGH Abhijeet
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(57) Abstract :

The invention relates to a receptacle (10, 10) for an at least substantially cuboid-shaped container (12) in an interior of a motor vehicle, which container comprises at least four wall elements (22, 23, 24, 25), which form respective contact surfaces (26, 27, 28, 29) for the cuboid-shaped container (12), wherein two respective contact surfaces (26, 27, 28, 29) that are perpendicular to each other are associated with each of a first and a second angular element (14, 14, 16, 16), which can be moved relative to each other in the longitudinal direction and/or transverse direction of the receptacle (10, 10).

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

(19) INDIA

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

(21) Application No.1813/KOLNP/2015 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : COOLING I	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 		 (71)Name of Applicant : 1)FURUKAWA ELECTRIC CO., LTD. Address of Applicant :2-3, Marunouchi 2-chome, Chiyoda-ku Tokyo 1008322 JAPAN (72)Name of Inventor : 1)YAMADA Hiroshi 2)OKAMOTO Tsuyoshi 3)ISEMURA Masakazu 4)HASHIMOTO Nobuyuki

(57) Abstract :

Provided is a cooling device which is configured so that the air flow resistance is low a sufficient contact area is ensured between fins and heat pipes and the cooling ability and the vibration resistance characteristics are improved. A cooling device (1) is provided with: a heat receiving block (2) which is thermally connected to an electronic component which constitute a heat generating body; heat pipes (3) which receive heat from the heat receiving block (2) and performs heat conveyance; and fins (4). The heat pipes (3) are raised from the heat receiving block (2) in such a manner that the U shaped faces of the heat pipes (3) are perpendicular to the direction of air flow and the heat pipes (3) are arranged in such a manner that adjacent heat pipes are superimposed on each other in the direction of the air flow.

No. of Pages : 27 No. of Claims : 4

(21) Application No.1706/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : MEDICAL DEVICE WITH SLIDING FRONTAL ATTACHMENT AND RETRACTABLE NEEDLE

Filing Date :27/11/2	 D20,440 D9/2013 A. T/US2013/072230 D1/2013 D 2015/034548 D 2015/034548 T/T TRACTABLE TECHNOLOGIES,INC. Address of Applicant :511 Lobo Lane, Little Elm, TX 75068 UNITED STATES OF AMERICA. D 2015/034548 <l< th=""></l<>
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(57) Abstract :

A medical device having a frontal attachment and a connector housing having or attachable to an associated medical apparatus, the frontal attachment slidably engaging the connector housing and having a forwardly projecting, rearwardly biased needle and a needle retraction assembly, and the connector housing having a needle retraction cavity laterally offset from the needle in a first position, the needle retraction cavity being selectively movable relative to the frontal attachment following use to reposition the needle retraction cavity into alignment with the needle to permit retraction.

No. of Pages : 57 No. of Claims : 30

(19) INDIA

(21) Application No.1707/KOLNP/2015 A

(22) Date of filing of Application :04/06/2015

(43) Publication Date : 22/01/2016

:A61M5/32	(71)Name of Applicant :
:13/714,819	1)RETRACTABLE TECHNOLOGIES, INC.
:14/12/2012	Address of Applicant :511 Lobo Lane, Little Elm, TX 75068
:U.S.A.	UNITED STATES OF AMERICA.
:PCT/US2013/072207	2)SHAW, Thomas, J.
:27/11/2013	(72)Name of Inventor :
:WO 2014/093026	1)SHAW, Thomas, J.
•NI A	2)SMALL, MARK
	3)ZHU, NI
INA	
:NA	
:NA	
	:13/714,819 :14/12/2012 :U.S.A. :PCT/US2013/072207 :27/11/2013 :WO 2014/093026 :NA :NA :NA

(54) Title of the invention : NEEDLE RETRACTION APPARATUS

(57) Abstract :

A needle retraction apparatus for a medical device such as a liquid infusion or collection device, the apparatus having a body, a needle retraction mechanism seated inside the body, a transverse slide member with an external needle retraction chamber, and a retraction actuator that is rotatable relative to the slide member, the retraction actuator being attachable to or made as part of the liquid infusion or collection device, whereby rotation of the device causes the slide member to move in a linear translational direction to reposition the retraction chamber in alignment with the needle retraction mechanism and allow retraction.

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

(21) Application No.1708/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSMITTING DOWNLINK CONTROL INFORMATION IN WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04B7/26,H04W72/12	(71)Name of Applicant :
(31) Priority Document No	:61/738,394	1)LG ELECTRONICS INC.
(32) Priority Date	:18/12/2012	Address of Applicant :20 Yeouido-dong, Yeongdeungpo-gu,
(33) Name of priority country	:U.S.A.	Seoul 150-721 REPUBLIC OF KOREA
(86) International Application No	:PCT/KR2013/011834	(72)Name of Inventor :
Filing Date	:18/12/2013	1)SEO, Dongyoun
(87) International Publication No	:WO 2014/098484	2)AHN, Joonkui
(61) Patent of Addition to Application	:NA	3)YANG, Suckchel
Number	:NA	4)YI, Yunjung
Filing Date	.117	5)HWANG, Daesung
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided are a method and an apparatus for transmitting downlink control information in a wireless communication system configured with a plurality of serving cells. The method generates downlink control information scheduling frequency division duplex (FDD) cells by means of FDD frames (DCI_FDD) and downlink control information scheduling time division duplex (TDD) cells by means of TDD frames (DCI_TDD) and transmits the DCI_FDD and the DCI_TDD wherein parts of the fields of DCI_FDD and DCI_TDD are generated to have equal bit sizes and if the FDD or TDD cell is used exclusively then said parts of the fields in the FDD and TDD cells have mutually different bit sizes.

No. of Pages : 68 No. of Claims : 17

(21) Application No.1709/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR HANDLING OF TITANIA SLAG FOR FURTHER PROCESSING

 (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 	:C21B3/06,C22B34/12 :20126334 :19/12/2012 :Finland :PCT/FI2013/051176 :18/12/2013 :WO 2014/096541 :NA :NA :NA :NA	 (71)Name of Applicant : 1)OUTOTEC (FINLAND) OY Address of Applicant :Rauhalanpuisto 9, FI-02230 Espoo Finland (72)Name of Inventor : 1)PALANDER, Marko
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(57) Abstract :

The present invention relates to a method for granulation of titania slag for further processing. In the method titania slag is produced by smelting ilmenite in a closed electric furnace (1) to form liquid slag (2). Liquid slag (2) is tapped from the electric furnace (1) into a granulation pit (3), and during tapping the liquid slag (2) is impacted by high-pressure water jets (4) to get the slag stream fragmented into small granules. The slag granules are fed into a granule dryer (9) in which the slag granules are dried for further use.

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

(21) Application No.1821/KOLNP/2015 A

(19) INDIA

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

(43) Publication Date : 22/01/2016

(51) International classification :F04B43/12 (71)Name of Applicant : (31) Priority Document No :13/905,221 **1)NOVARTIS AG** (32) Priority Date :30/05/2013 Address of Applicant :Lichtstrasse 35, CH-4056 Basel (33) Name of priority country SWITZERLAND :U.S.A. (86) International Application No :PCT/US2014/023104 (72)Name of Inventor : Filing Date :11/03/2014 1)BAXTER, Vincent A. (87) International Publication No :WO 2014/193514 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : PUMP HEAD WITH INDEPENDENTLY SPRUNG OFFSET PIVOTING ROLLERS

(57) Abstract :

A roller assembly comprises a central section with a hub the central section having a plurality of pivots located around the central section; a plurality of arms each arm having a roller end and a pivot end the pivot ends coupled to the central section at the plurality of pivots such that each arm is capable of pivoting independently with respect to the central section the roller ends and pivot ends of each arm located a distance of at least one roller width away from each other; a plurality of rollers one roller coupled to each of the roller ends of the plurality of arms; wherein the plurality of rollers and arms are located around the central section such that the pivot is located a distance away from the roller.

No. of Pages : 42 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :04/06/2015

(21) Application No.1715/KOLNP/2015 A

(43) Publication Date : 22/01/2016

 (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 	:G10L19/028,H03M7/30 :201210518020.9 :06/12/2012 :China :PCT/CN2013/080082 :25/07/2013 :WO 2014/086155 :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)LIU Zexin 2)QI Fengyan 3)MIAO Lei
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : SIGNAL DECODING METHOD AND DEVICE

(57) Abstract :

A signal decoding method and device. The signal decoding method comprises: decoding a received bit stream to obtain a spectrum coefficient of each subband; classifying the subbands where the spectrum coefficients are located into a subband with saturated bit allocation; performing noise filling on a spectrum coefficient that is not obtained by means of decoding in the subband with unsaturated bit allocation so as to recover the spectrum coefficient that is not obtained by means of decoding; and obtaining a spectrum signal according to the spectrum coefficient that is obtained by means of decoding and the recovered spectrum coefficient. A subband with unsaturated bit allocation is distinguished in the spectrum signal and a spectrum coefficient that is not obtained by means of decoding in the subband with unsaturated bit allocation is distinguished in the spectrum signal and a spectrum coefficient that is not obtained by means of decoding in the subband with unsaturated bit allocation is distinguished in the spectrum signal and a spectrum coefficient that is not obtained by means of decoding in the subband with unsaturated bit allocation is distinguished in the spectrum signal and a spectrum coefficient that is not obtained by means of decoding in the subband with unsaturated bit allocation is recovered; therefore quality of signal decoding is improved.

No. of Pages : 60 No. of Claims : 28

(21) Application No.1823/KOLNP/2015 A

(19) INDIA

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

(43) Publication Date : 22/01/2016

(54) Title of the invention : ATTENTION-BASED, MULTI-SCREEN ADVERTISEMENT SCHEDULING

 (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	 (71)Name of Applicant : MOTOROLA MOBILITY LLC Address of Applicant :600 North US Highway 45, Libertyville, IL 60048 UNITED STATES OF AMERICA. (72)Name of Inventor : NARSIMHAN, Nitya VASUDEVAN, Venugopal WICKRAMASURIYA, Jehan WODKA, Joseph, F.
Application Number Filing Date	:NA :NA	

(57) Abstract :

An advertisement system includes an advertising manager (102) that receives (302) a content-event indicator (120, 220), which indicates playback of an advertisement for viewing on a first display screen (104) at a media-playback device (202) or indicates playback of recorded content that includes advertisements. The advertising manager (102) can determine (308) an optimal time offset as a duration of time before or after playback of an advertisement to the start of an event that is associated with the advertisement for viewing on a second display screen (106) at a mobile device (116, 118). For recorded content, an optimization schedule is determined (510) that replaces and time-shifts advertisements during playback of the recorded content. The advertising manager (102) can also determine (704) a fulfillment criterion for a product or service based on latency constraints to indicate a duration of time within which fulfillment of the product or service is expected when offered as a second advertisement corresponding to a first advertisement.

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

(21) Application No.1824/KOLNP/2015 A

(19) INDIA

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

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHODS OF SYNTHESIZING A PROSTACYCLIN ANALOG

(51) International classification:C07C205/57,C07D301/32,C07F7/18(31) Priority Document No (32) Priority Date:61/734,672(32) Priority Date:07/12/2012(33) Name of priority country:U.S.A.(86) International Filing Date:PCT/US2013/073474(87) International Fublication No (61) Patent of Addition to Application Number Filing Date:WO 2014/089385(62) Divisional to Filing Date:NA :NA(62) Divisional to Filing Date:NA :NA	 (71)Name of Applicant : 1)CAYMAN CHEMICAL COMPANY INCORPORATED Address of Applicant :1180 East Ellsworth Road, Ann Arbor, Michigan 48108 UNITED STATES OF AMERICA. (72)Name of Inventor : 1)HERING, Kirk William 2)CHAMBOURNIER, Gilles 3)ENDRES, Gregory William 4)FEDIJ, Victor 5)KRELL, Thomas James, II 6)MAHMOUD, Hussein Mahmoud
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(57) Abstract :

The present invention provides processes for preparing a prostacyclin analogue of Formula (I) or a pharmaceutically acceptable salt thereof, wherein R10 is a linear or branched C1-6 alkyl. The processes of the present invention comprise steps that generate improved yields and fewer byproducts than traditional methods. The processes of the present invention employ reagents (e.g., the oxidizing reagent) that are less toxic that those used in the traditional methods (e.g., oxalyl chloride). Many of the processes of the present invention generate intermediates with improved e.e. and chemical purity; thereby eliminating the need of additional chromatography steps. And, the processes of the present invention are scalable to generate commercial quantities of the final compound.

No. of Pages : 155 No. of Claims : 117

(21) Application No.1825/KOLNP/2015 A

(19) INDIA

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

(43) Publication Date : 22/01/2016

(54) Title of the invention : DIELECTRIC ELETROACTIVE POLYMERS COMPRISING AN IONIC SUPRAMOLECULAR STRUCTURE

 (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 	:C08L83/04 :12195690.8 :05/12/2012 :EPO :PCT/EP2013/075578 :04/12/2013 :WO 2014/086885 :NA :NA	 (71)Name of Applicant : 1)DANMARKS TEKNISKE UNIVERSITET Address of Applicant :Anker Engelunds Vej 101 A, DK-2800 Kgs. Lyngby DENMARK (72)Name of Inventor : 1)SKOV Anne Ladegaard 2)HVILSTED Søren 3)BÚRDALO, Ldia Gonzalez
(62) Divisional to Application NumberFiling Date	:NA :NA	

(57) Abstract :

The present invention relates to an ionic interpenetrating polymer network comprising at least one elastomer and an ionic supramolecular structure comprising the reaction product of at least two chemical compounds wherein each of said compounds has at least two functional groups and wherein said compounds are able to undergo Lewis acid-base reactions. The interpenetrating polymer network may be used as dielectric electroactive polymers (DEAPs) having a high dielectric permittivity.

No. of Pages : 40 No. of Claims : 15

(21) Application No.1721/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/06/2015

(43) Publication Date : 22/01/2016

(51) International classification :H04L12/851 (71)Name of Applicant : (31) Priority Document No :1020120145544 1)SAMSUNG ELECTRONICS CO. LTD. (32) Priority Date :13/12/2012 Address of Applicant :129 Samsung ro Yeongtong gu Suwon (33) Name of priority country :Republic of Korea si Gyeonggi do 443 742 Republic of Korea :PCT/KR2013/011594 (72)Name of Inventor : (86) International Application No Filing Date :13/12/2013 **1)JEONG Sang Soo** (87) International Publication No 2)GUTTMAN Erik :WO 2014/092506 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : METHOD AND DEVICE FOR TRANSFERRING DATA TRAFFIC

(57) Abstract :

A method for transmitting and receiving a signal in a traffic detection function (TDF) of a mobile communication system according to one embodiment of the present specification comprises the steps of: receiving from a policy server a policy that includes address information of packet data network (PDN) gateways (PGWs) respectively corresponding to one or more PDNs; receiving a message that includes a data packet from one PDN among the one or more PDNs; and transmitting the received packet to the address of the corresponding PGW on the basis of the policy information. According to one embodiment of the present specification it is possible to provide a device and a method capable of providing a charging capability of an application level by providing a method and a device for transferring classified traffic in an implicit selective manner.

No. of Pages : 32 No. of Claims : 14

(21) Application No.1722/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : WATER USING DOMESTIC APPLIANCE WITH AN INTERIOR SURFACE WHICH IS TO BE CLEANED AND METHOD FOR OPERATING 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 	¹ :PCT/EP2013/076919 :17/12/2013 ² :WO 2014/095876 :NA :NA	 (71)Name of Applicant : 1)BSH HAUSGERÄTE GMBH Address of Applicant :Carl Wery Str. 34 81739 München Germany (72)Name of Inventor : 1)BISCHOF Andreas 2)HANAU Andreas 3)SCHAUB Hartmut
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(57) Abstract :

The invention relates to a water using domestic appliance (1 2) comprising a treatment container (3) for receiving objects (7) which are to be treated at least one interior surface (10 11 33 40 41) and in particular a water supply line (8 9) said interior surface (10 11 33 40 41) having a coating (17) with changeable polymers. The invention also relates to a method for operating said domestic appliance.

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

(21) Application No.1723/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD DEVICE AND SYSTEM FOR PROCESSING WIRELESS NETWORK USER ACCESS

 (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 	:H04W48/08 :201210509152.5 :03/12/2012 :China :PCT/CN2013/088440 :03/12/2013 :WO 2014/086280 :NA :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)ZHANG Wei 2)WU Jianjun 3)PENG Chenghui
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(57) Abstract :

Provided is a cellular network controller comprising: a wireless protocol processing module a decision control module and a policy sending module. Also provided are a related method device and system for processing wireless network user access. By means of the above mentioned solution the embodiments of the present invention reduce the signalling negotiation among a plurality of control entities and reduce the waste of network resources.

No. of Pages : 74 No. of Claims : 20

(21) Application No.1830/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/06/2015

(43) Publication Date : 22/01/2016

H PLUG IN SOCKETS	
:A42B1/24,A42B1/18	(71)Name of Applicant :
:13/690,881	1)FOAMULA PRODUCTS, INC
:30/11/2012	Address of Applicant :5060,N ROYAL ATLANTA DRIVE,
:U.S.A.	SUITE 12, TUCKER, GA 30084, U.S.A.
:PCT/US2013/069220	(72)Name of Inventor :
:08/11/2013	1)JOHNS Stephen
:WO 2014/085061	
:NA	
:NA	
:NA	
:NA	
	:13/690,881 :30/11/2012 :U.S.A. :PCT/US2013/069220 :08/11/2013 :WO 2014/085061 :NA :NA :NA

(57) Abstract :

Visor assemblies, apparatus, and methods of using a soft type foam visor formed from a pliable and flexible material, such as but not limited to EVA(ethylene vinyl acetate), having patterns of through-hole and partial cutouts hole that allow for accessories such as labels, charms, badges, and the like, to be plugged into the openings and easily removable and interchangeable with other accessories. The visor assemblies can include a removable rear head strap having a plurality of holes with rivets that allow the strap to adjust about different head sizes. A puncture tool can be used to turn a partial cutout into a complete throughhole cutout. The puncture tool can be mounted into a cutout hole. An adapter mounted to cutout holes can support sunglasses/eyeglasses.

No. of Pages : 38 No. of Claims : 21

(21) Application No.1831/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : PREPARATION OF POLYMERIC RESINS AND CARBON MATERIALS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (33) Name of priority country (34) International Application No Filing Date (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number SNA 	3)COSTANTINO, Henry R.
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(57) Abstract :

Methods for making carbon materials are provided. In at least one specific embodiment, the method can include combining one or more polymer precursors with one or more liquids to produce a mixture. The mixture can be an emulsion, dispersion, or a suspension. The liquid can include hexane, pentane, cyclopentane, benzene, toluene, o-xylene, m-xylene, p-xylene, diethyl ether, ethylmethylketone, dichloromethane, tetrahydrofuran, mineral oils, paraffin oils, vegetable derived oils, or any mixture thereof. The method can also include aging the mixture at a temperature and time sufficient for the polymer precursor to react and form polymer gel particles having a volume average particle size (Dv,50) of the polymer particles in gel form greater than or equal to 1 mm. The method can also include heating the polymer gel particles to produce a carbon material.

No. of Pages : 160 No. of Claims : 44

(21) Application No.1730/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : PRODUCTION METHOD FOR GRAIN-ORIENTED ELECTRICAL STEEL SHEET AND PRIMARY RECRYSTALLIZED STEEL SHEET FOR PRODUCTION OF GRAIN-ORIENTED ELECTRICAL STEEL SHEET

(51) International classification (31) Priority Document No	:C21D8/12,B21B3/00,B21B45/00 :2012-288881	(71)Name of Applicant : 1)JFE STEEL CORPORATION
(32) Priority Date	:28/12/2012	Address of Applicant :2-3, Uchisaiwai-cho 2-chome, Chiyoda-
(33) Name of priority country	:Japan	ku, Tokyo 1000011 JAPAN
(86) International Application No Filing Date	:PCT/JP2013/085317 :25/12/2013	(72)Name of Inventor :1)SHINGAKI, Yukihiro2)HAYAKAWA, Yasuyuki
(87) International Publication No	:WO 2014/104391	3)YAMAGUCHI, Hiroi 4)MATSUDA, Hiroshi
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)WAKISAKA, Yuiko
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

In the present invention, a grain-oriented electrical steel sheet that has suitable characteristics and in which variations in magnetic characteristics are greatly reduced is produced in an industrially stable manner by: reheating or not reheating a steel slab that comprises, in mass% or mass ppm, 0.08% or less of C, 2.0-4.5% or less of Si, and 0.5% or less of Mn, and in which S, Se, and O are each limited to less than 50 ppm, sol.Al is limited to less than 100 ppm, N is controlled to be within the range of sol.Al/(26.98/14.00) ppm $\le N \le 80$ ppm, and the remainder comprises a composition of Fe and unavoidable impurities; hot rolling the result into a hot-rolled sheet; annealing and rolling the hot-rolled sheet to achieve a cold-rolled steel sheet having a final sheet thickness; performing a nitriding treatment so that the nitrogen amount increases by 50-1000 ppm either during primary recrystallization annealing or after annealing; applying an annealing separation agent; setting the residence time at a temperature of 300-800 °C to 5-150 hours in a heating process for secondary recrystallization annealing; causing silicon nitride (Si3N4) to be deposited on the grain boundaries; and causing the silicon nitride to function as a limiting force for normal grain growth.

No. of Pages : 24 No. of Claims : 5

(21) Application No.1731/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : SUPPORTED ZIEGLER NATTA PROCATALYST FOR ETHYLENE POLYMERISATION

 (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 	:21/12/2012 :EPO :PCT/EP2013/077555 :20/12/2013 :WO 2014/096296 :NA	 (71)Name of Applicant : 1)BOREALIS AG Address of Applicant :Wagramer Strasse 17 19 A 1220 Vienna Austria (72)Name of Inventor : 1)JAYARATNE Kumudini 2)HÄMÄLÄINEN Elina 3)KALLIO Kalle
	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Supported Ziegler-Natta ethylene polymerisation procatalyst comprising special bi-(oxygen containing ring) compounds as internal donor, as well as a process for preparing the same and use of such a procatalyst for preparing a catalyst system used in the polymerisation of ethylene for producing high molecular weight polyethylenes.

No. of Pages : 38 No. of Claims : 13

(21) Application No.1732/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METAL FREE ACID DYES PROCESS FOR THE PRODUCTION THEREOF AND THEIR USE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) International Application No (35) International Publication No (37) International Publication No (38) International Publication No (38)	 (71)Name of Applicant : 1)DYSTAR COLOURS DISTRIBUTION GMBH Address of Applicant : Am Prime Parc 10 12 65479 Raunheim Germany (72)Name of Inventor : 1)BARBIERU Roxana 2)VAJIRAVELU Sivamurugan 3)SAY WAN Yong 4)VEDARETHINAM Ravi
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(57) Abstract :

The present invention relates to dyes of formula (1) a process for preparing them and their use for dyeing and printing hydroxyland/or carboxamido-containing materials.

No. of Pages : 99 No. of Claims : 13

(21) Application No.1733/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : MULTIPLE PUMP ARRANGEMENT (51) International (71)Name of Applicant : :F04C2/107,F04C11/00,F04C14/02 classification **1)NETZSCH PUMPEN & SYSTEME GMBH** (31) Priority Document No :10 2012 112 618.6 Address of Applicant :Gebrüder Netzsch Straße 19 95100 Selb (32) Priority Date :19/12/2012 Germany (33) Name of priority country :Germany (72)Name of Inventor: (86) International Application **1)WEBER Helmuth** :PCT/DE2013/000802 No :17/12/2013 Filing Date (87) International Publication :WO 2014/094715 No (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 an adaptive eccentric screw pump (2), which enables, if necessary, an increase of the output, the pressure and/or the simultaneous output of more than one output medium, and wherein the eccentric screw pump (2) has comparably low energy consumption and the production and maintenance expenditure thereof is kept low. For this purpose, according to the invention, the eccentric screw pump (2) is equipped with a modular output system, comprising at least two output modules (4, 6, 38, 40) comprising in each case one rotor (10) and one stator (8), wherein the output modules (4, 6, 38, 40) are coupled to one another and merely one actuation unit (14) is associated with the output system, and wherein the output system for an output medium has more than one inlet and/or outlet (18, 24) or at least one modular perfusion housing (12).

No. of Pages : 31 No. of Claims : 19

(21) Application No.1843/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : A METHOD FOR STORAGE OF 1,3-DIIODOHYDANTOIN 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 Filed on 	:C07D 233/82 :2005-255557 :02/09/2005 :Japan :PCT/JP2006/317113 :30/08/2006 :WO/2007/026766 :NA :NA :NA :858/KOLNP/2008 :27/02/2008	 (71)Name of Applicant : 1)NIPPOH CHEMICALS CO., LTD. Address of Applicant :8-15, 4-CHOME, NIHONBASHI- HONCHOU, CHUO-KU, TOKYO JAPAN (72)Name of Inventor : 1)INOUE, KAZUHISA 2)HANAMURA, YUKIHIKO 3)MIYAZAWA, TAKAAKI
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(57) Abstract :

A storage method for 1,3-diiodohydantoin compound comprising a step to store a 1,3- diiodohydantoin compound under a temperature condition of 15°C or lower.

No. of Pages : 24 No. of Claims : 2

(21) Application No.1741/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR COMMUNICATING IN WIRELESS COMMUNICATION SYSTEM SUPPORTING MULTIPLE ACCESS NETWORK AND APPARATUS SUPPORTING SAME

(51) International classification	:H04W36/22,H04W36/14	
(31) Priority Document No	:61/739,697	1)LG ELECTRONICS INC.
(32) Priority Date	:19/12/2012	Address of Applicant :20 Yeouido-dong, Yeongdeungpo-gu,
(33) Name of priority country	:U.S.A.	Seoul 150-721 REPUBLIC OF KOREA
(86) International Application No	:PCT/KR2013/011905	(72)Name of Inventor :
Filing Date	:19/12/2013	1)JUNG, Sunghoon
(87) International Publication No	:WO 2014/098505	2)LEE, Jaewook
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)LEE, Youngdae
(62) Divisional to Application Number Filing Date	:NA :NA	
Time Date	.11/1	

(57) Abstract :

Provided is a method for communicating carried out by a terminal in a wireless communication system supporting a multiple access network. The method comprises receiving from a first access network second access network service information determining whether traffic processing through the second access network is allowed based on the second access network service information and processing all or a portion of the traffic on the first access network through the second access network.

No. of Pages : 80 No. of Claims : 15

(21) Application No.1742/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : PHOTOTHERAPY SYSTEM AND PROCESS INCLUDING DYNAMIC LED DRIVER WITH PROGRAMMABLE WAVEFORM

(51) International classification(31) Priority Document No	:A61N5/06 :61/723,950	(71)Name of Applicant : 1)APPLIED BIOPHOTONICS LTD.
(32) Priority Date	:08/11/2012	Address of Applicant :1501-3 Far-East Consortium Bldg., 121
(33) Name of priority country	:U.S.A.	Des Voeux Rd., Central, Hong Kong SAR PEOPLE'S REPUBLIC
(86) International Application No	:PCT/IB2013/002976	OF CHINA
Filing Date	:07/11/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2014/072821	1)WILLIAMS, Richard, K.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A phototherapy or photobiomodulation process employing the application of electromagnetic radiation (EMR) to a living organism, typically a human being. The EMR is generated by one or more strings of LEDs and is programmed to emit one or more wavelengths, typically in the visible and infrared portions of the spectrum, the EMR in each wavelength being delivered in pulses having specified on-times, off-times, photoexcitation frequencies, duty factors, phase delays, and power amplitudes. A system for providing such EMR includes a microcontroller having a pattern library of algorithms (170), each of which defines a particular sequence of synthesized pulses, and an application pad, preferably flexible, containing the LED strings.

No. of Pages : 153 No. of Claims : 26

(21) Application No.1743/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : PROCESS FOR THE PREPARATION OF 4-METHYLPENT-3-EN-1-OL DERIVATIVES

(51) International classification (31) Priority Document No	a :B01J31/24,B01J31/28,C07C29/56 :61/755,711	(71)Name of Applicant : 1)FIRMENICH SA
(32) Priority Date	:23/01/2013	Address of Applicant :1, route des Jeunes, P. O. Box 239, CH-
(33) Name of priority country	:U.S.A.	1211 Geneva 8 SWITZERLAND
(86) International Application No Filing Date	:PCT/EP2014/051081 :21/01/2014	(72)Name of Inventor :1)RIEDHAUSER, Jean-Jacques2)KNOPFF, Oliver
(87) International Publication No	:WO 2014/114615	3)MARINONI, Luigi
(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 concerns a process for the preparation with high selectivity of a compound of formula (I) by isomerization at room temperature of compound of formula (II) in the presence of a complex of formula [Ru(dienyl)2H]X.

No. of Pages : 16 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :15/06/2015

(21) Application No.1853/KOLNP/2015 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : ELECTRIC MACHINES

(51) International classification	:H02K3/28,H02K21/14	(71)Name of Applicant :
(31) Priority Document No	:1221635.4	1)THE UNIVERSITY OF SHEFFIELD
(32) Priority Date	:30/11/2012	Address of Applicant :Firth Court, Western Bank, Sheffield
(33) Name of priority country	:U.K.	South Yorkshire S10 2TN UNITED KINGDOM.
(86) International Application No	:PCT/GB2013/053165	(72)Name of Inventor :
Filing Date	:29/11/2013	1)WANG, Jiabin
(87) International Publication No	:WO 2014/083352	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An electric machine comprising: a) a first means for providing a first magneto motive force comprising a first set of magneto motive force space harmonics comprising odd and even harmonic subsets, each harmonic in said first set of magneto motive force space harmonics having a respective amplitude, wherein one of said odd or even subsets of said first set of magneto motive force space harmonics comprises a dominant working harmonic and the other of said odd or even subsets of said first set of magneto motive force space harmonics comprises a dominant undesirable harmonic; and b) a second means for providing a second magneto motive force comprising a second set of magneto motive force space harmonics comprising odd and even harmonic subsets, each harmonic of said second set of magneto motive force space harmonics having a respective amplitude, wherein one of said odd or even subset of said second set of magneto motive force space harmonics comprises a dominant working harmonic and the other of said odd or even subset of said second set of magneto motive force space harmonics comprises a dominant undesirable harmonic; wherein the net effect of said first and second means provides a resultant magneto motive force comprising a resultant set of magneto motive force space harmonics comprising odd and even harmonic subsets, each harmonic of said resultant set of magneto motive force space harmonics having a respective amplitude, wherein one of said odd or even subsets of said resultant set of magneto motive force space harmonics comprises a dominant working harmonic and the other of said odd or even subsets of said resultant set of magneto motive force space harmonics comprises a dominant undesirable harmonic, wherein the amplitude of the dominant undesirable harmonic of the resultant set of magneto motive force space harmonics is at least reduced relative to the amplitudes of the dominant undesirable harmonics of the first and second sets of harmonics.

No. of Pages : 38 No. of Claims : 22

(21) Application No.1738/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR PRODUCING RECYCLED MATERIAL, AND TIRE AND METHOD FOR PRODUCING TIRE

 (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 	:B29D30/06,C07C1/04,C07C1/12 :2013-010393 :23/01/2013 :Japan :PCT/JP2013/083050 :10/12/2013 :WO 2014/115437 :NA :NA :NA	 (71)Name of Applicant : 1)SEKISUI CHEMICAL CO., LTD. Address of Applicant :4-4, Nishitemma 2-chome, Kita-ku, Osaka-shi Osaka 5308565 JAPAN (72)Name of Inventor : 1)IWASA, Koichiro
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(57) Abstract :

Provided is a method for producing a recycled material, whereby a recycled material can be efficiently obtained from a tire. The method for producing a recycled material pertaining to the present invention is provided with a step for gasifying a tire and generating a gas containing C1 gas from the tire, and a step for obtaining, using the gas including C1 gas, a recycled material including at least one species selected from the group consisting of isoprene, butadiene, a butanediol compound, a butanol compound, a butenal compound, succinic acid, and a polymer of these compounds.

No. of Pages : 26 No. of Claims : 11

(21) Application No.1739/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : DEVICE AND METHOD FOR CONTINUOUSLY PREPARING HIGH-PURITY AKD WITHOUT SOLVENT

 (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 	:201210513320.8 :04/12/2012 :China :PCT/CN2013/072498	 (71)Name of Applicant : 1)SUZHOU TIANMA SPECIALTY CHEMICALS CO., LTD. Address of Applicant :No. 199-1 Huayuan East Road, Mudu Town, Wuzhong Suzhou, Jiangsu 215101 PEOPLE'S REPUBLIC OF CHINA (72)Name of Inventor : 1)SUN, Baochi 2)TAN, Anqi
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed are a device and a method for continuously preparing a high-purity AKD without solvent. The device comprises a reactor for mixing and reacting raw materials continuously. The method comprises the following process steps: firstly, continuously adding tertiary amine at the initial end of a reactor, and continuously adding acyl chloride by dividing same into three to ten streams; and secondly, under a working state of the reactor, driving an inner barrel (1) to rotate relative to an outer barrel (2) by a motor (3), thus forcing the added materials to be transported and stirred by blades (6) in a transportation section (5) of an annular cylindrical channel (4), and sufficiently sheared and mixed by the relative movement of a shearing sheet (8) and a kneading sheet (9) in a mixing section (7); by combing the alternate distribution of the transportation sections (5) and the mixing sections (7) in the axial direction of the annular cylindrical channel (4), the added materials being sufficiently reacted; and then controlling the temperature of the materials by an inside-outside heat exchange system until the products are continuously discharged from a discharge port (16).

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

(21) Application No.1850/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : ADAPTIVE WAVE CHANNEL BANDWIDTH SWITCHING METHOD AND SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) International Application No (35) International Application No (36) International Publication No (37) Protection No (31) Priority Date (32) Priority Date (33) Name of priority country (34) Name of Applicant : (35) Name of priority country (36) International Application No (37) Protection No (37) Protection No (31) Protection No (32) Protection No (33) Name of priority country (34) Protection No (35) Protection No (36) International Publication No (37) Protection No (39) Protection No (30) Protection No (31) Protection No (32) Protection No (33) Protection No (34) Protection No (35) Protection No (36) Protection No (37) Protection No (38) Protection No (39) Protection No (39) Protection No (31) Protection No (32) Protection No (33) Protection No (34) Protection No (35) Protection No (36) Protection No (37) Protection No (38) Protection No (39) Protection No (31) Protection No (32) Protection No (33) Protection No (34) Protection No (34) Protection No (35) Protection No (36) Protection No (37	stration Building
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(57) Abstract :

An embodiment of the present invention provides an adaptive wave channel bandwidth switching method which comprises: a sending end device buffering service data to be sent; the sending end device sending a first microwave frame to a receiving end device; the receiving end device performing receiving configuration after completing processing of the first microwave frame; the sending end device continuously sending a second microwave frame to the receiving end device; after receiving the second microwave frame the receiving end device switching configuration related to a symbol rate; the receiving end device performing symbol synchronization; the receiving end device performing frame synchronization; the receiving end device performing equalizer convergence; after the receiving end device completes the equalizer convergence the sending end device sending a third microwave frame to the receiving end device; the receiving end device performing receiving configuration after completing processing of the third microwave frame to the sending end device stopping buffering the service data to be sent; and the sending end device sending a fourth microwave frame to the receiving end device thereby completing switching of wave channel bandwidths. The embodiment of the present invention provides a method for effectively improving the availability of a link.

No. of Pages : 28 No. of Claims : 8

(21) Application No.1835/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : PROCESS FOR PRODUCING A COATED PACKAGING MATERIAL AND PACKAGING MATERIAL HAVING AT LEAST ONE BARRIER LAYER FOR HYDROPHOBIC COMPOUNDS

(51) International classification	:B65D65/42.C09D129/04	(71)Name of Applicant :
(31) Priority Document No	:12195926.6	1)MAYR-MELNHOF KARTON AG
(32) Priority Date	:06/12/2012	Address of Applicant :Brahmsplatz 6, A-1041 Wien
(33) Name of priority country	:EPO	AUSTRIA
(86) International Application No	:PCT/EP2013/075821	(72)Name of Inventor :
Filing Date	:06/12/2013	1)ZISCHKA, Michael
(87) International Publication No	:WO 2014/086983	2)SPANRING, Julia
(61) Patent of Addition to Application	:NA	3)REISCHL, Martin
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a process for producing a coated packaging material (10), in which at least the steps of a) providing a substrate (12) having a base material (14) made from cellulose, an outer side (16) which is to face away from a packaged material and an inner side (18) which is to face toward the packaged material, b) coating at least the inner side (18) of the substrate with at least one layer of an aqueous composition comprising at least polyvinyl alcohol and/or at least one polyvinyl alcohol copolymer and a crosslinking agent, where the aqueous composition has not more than 40% by weight of polyvinyl alcohol and/or polyvinyl alcohol copolymer and a total solids content of not more than 55% by weight, and c) drying the layer and crosslinking the polyvinyl alcohol and/or the polyvinyl alcohol copolymer with the aid of the crosslinking agent to form a barrier layer (22a, 22b) for hydrophobic compounds are conducted. The invention further relates to a packaging material (10) having at least one barrier layer (22a, 22b) for hydrophobic compounds.

No. of Pages : 54 No. of Claims : 21

(21) Application No.1836/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : CATALYST FOR REDUCING NITROGEN OXIDES

(31) Priority Document No(32) Priority Date	:B01J37/02,B01J21/10,B01J23/63 :13150457.3 :08/01/2013	1)UMICORE AG & CO. KG Address of Applicant :Rodenbacher Chaussee 4, 63457
(33) Name of priority country	:EPO	Hanau-Wolfgang GERMANY
 (86) International Application No Filing Date (87) International Publication No 	:PCT/EP2014/050076 :06/01/2014 :WO 2014/108362	 (72)Name of Inventor : 1)HOYER, Ruediger 2)SCHULER, Anke 3)MUELLER, Elena 4)UTSCHIG, Thomas
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)JESKE, Gerald
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a nitrogen oxide storage catalyst consisting of at least two catalytically active coatings on a supporting body a lower coating (A) containing cerium oxide in addition to platinum and/or palladium and no alkaline earth compound and an upper coating (B) which is arranged above coating (A) containing an alkaline earth compound and a basic magnesium aluminium mixed oxide in addition to platinum and palladium. The invention also relates to a method for converting NOx in the exhaust gases of motor vehicles operated using lean burn engines.

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

(21) Application No.1837/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : SLIDING ELEMENT, IN PARTICULAR A PISTON RING, HAVING A COATING

 (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 	:10 2013 200 846.5 :21/01/2013 :Germany	 (71)Name of Applicant : 1)FEDERAL-MOGUL BURSCHEID GMBH Address of Applicant :Bürgermeister-Schmidt-Str. 17, 51399 Burscheid GERMANY (72)Name of Inventor : 1)IVANOV, Yuriy 2)KENNEDY, Marcus 3)LAMMERS, Ralf 4)ZINNABOLD, Michael
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(57) Abstract :

The invention relates to a sliding element, in particular a piston ring, having at least one running surface. The running surface comprises a coating, which from the inside to the outside has at least one first adhesive layer, a hard hydrogen-free DLC layer, a second adhesive layer, a soft hydrogen-containing, metal and/or metal carbide-containing DLC layer, which is softer than the hard hydrogen-free DLC layer, and a hard hydrogen-containing DLC layer, which is harder than the soft hydrogen-containing, metal and/or metal carbide containing DLC layer.

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

(21) Application No.1838/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : PEPTIDES THAT STIMULATE SUBCUTANEOUS ADIPOGENESIS

 (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 (57) Abstract : 	:C07K14/705,C07K7/04,A61K38/17 :61/729,626 :25/11/2012 :U.S.A. :PCT/US2013/071719 :25/11/2013 ¹ :WO 2014/082042 :NA :NA :NA	 (71)Name of Applicant : 1)THE REGENTS OF THE UNIVERSITY OF CALIFORNIA Address of Applicant :1111 Franklin Street, 12th Floor, Oakland, California 94607-5200 UNITED STATES OF AMERICA. (72)Name of Inventor : 1)TURLEY, Eva, A. 2)BAHRAMI, Seyed, Bahram 3)BISSELL, Mina, J.
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(57) Abstract :

Peptides of 5 to 14 amino acids in length that stimulate subcutaneous adipogenesis in mammals and uses thereof are provided.

No. of Pages : 119 No. of Claims : 88

(21) Application No.1839/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/06/2015

(43) Publication Date : 22/01/2016

(51) International classification :H04W36/30 (71)Name of Applicant : (31) Priority Document No 1)ZTE WISTRON TELECOM AB :61/737,041 (32) Priority Date :13/12/2012 Address of Applicant :Kista Science Tower, 19tr., Farogatan (33) Name of priority country 33, S-164 51 Kista SWEDEN :U.S.A. (86) International Application No :PCT/US2013/074481 2)ZTE (TX) INC. Filing Date :11/12/2013 (72)Name of Inventor : (87) International Publication No :WO 2014/093542 1)JOHANSSON, Jan (61) Patent of Addition to Application 2)CAO. Aijun :NA Number 3)SVEDMAN, Patrick :NA 4)SCHIER, Thorsten Filing Date (62) Divisional to Application Number :NA 5)GAO, Yonghong Filing Date :NA 6)HADJISKI, Bojidar

(54) Title of the invention : METHOD AND APPARATUS FOR ANTI-BLOCKING HETNET DEPLOYMENT

(57) Abstract :

A new approach to anti-blocking cellular communication for HetNet deployment is proposed. First, a block detector sends a block indicator from an LPN to a scheduler in a macro base station. The scheduler then collects the block indicator statistics of each LPN on a sub-frame basis and updates the statistics in each sub-frame. If the statistics of received block indicators for one sub-frame during an observation period of a specific LPN exceeds a first predefined threshold, then the scheduler will not schedule any more uplink transmission to the LPN during the sub-frame for those UEs which are connected to the LPN. When the statistics of received block indicators becomes less than a second predefined threshold, which is less than the first threshold, the scheduler removes the limitation on uplink transmission to the LPN and allocates the sub-frame of the LPN as usual.

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

(19) INDIA

(22) Date of filing of Application :15/06/2015

(21) Application No.1854/KOLNP/2015 A

(43) Publication Date : 22/01/2016

(51) International classification	:F03B13/14	(71)Name of Applicant :
(31) Priority Document No	:13/727,235	1)HEALY, James W.
(32) Priority Date	:26/12/2012	Address of Applicant :48 N. Pepperell Road, Hollis, New
(33) Name of priority country	:U.S.A.	Hampshire 03049 UNITED STATES OF AMERICA.
(86) International Application No	:PCT/US2013/075596	(72)Name of Inventor :
Filing Date	:17/12/2013	1)HEALY, James W.
(87) International Publication No	:WO 2014/105510	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract		

(54) Title of the invention : WAVE ENERGY ELECTRICAL POWER GENERATION

(57) Abstract :

A wave energy electric power generation system has a buoyant body responsive to wave movement and an associated, relatively vertically stationary body, a compressor, a pressure regulator, and an air turbine/generator set. The compressor has a piston that moves reciprocally relative to a cylinder to alternately compress air in opposed chambers. A pressure regulator tank defines a chamber in communication with the compressor for alternately receiving compressed air from opposed compression chambers, a floating piston within the tank applying pressure to compressed air in the chamber, a pressure regulator controlling pressure applied by the piston to the compressed air, and an hydraulic dampening system coupled to the floating piston to restrict unwanted vertical oscillations of the piston, for output of a continuous flow of compressed air at relatively constant pressure. Rolling diaphragm and liquid trough sealing between opposed regions of contrasting pressure/vacuum are also described.

No. of Pages : 80 No. of Claims : 49

(21) Application No.1855/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : CENTER PLATE IN A PULP REFINER		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application Ne Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:04/03/2014	 (71)Name of Applicant : 1)VALMET AB Address of Applicant :SE-851 94 Sundsvall SWEDEN (72)Name of Inventor : 1)LÖNNGREN, Karl

(57) Abstract :

Center plate (1) for a rotor in a pulp refiner, said center plate (1) having a surface (1) provided with a plurality of first wings (11) for directing pulp flowing onto the center of the center plate (1) towards the periphery (120) of said plate (1), wherein said surface (1) is a flat surface or a surface with a central protuberance (110) and where each of said first wings (11) are an arc-shaped protrusion extending between a corresponding first point (11a) and a corresponding second point (11b) on said surface (1), said first point (11a) being displaced from the center point (100) of the plate (1) and said second point (11b) being arranged further from the center point (100) than said first point (11a).

No. of Pages : 31 No. of Claims : 9

(21) Application No.1856/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/06/2015

(43) Publication Date : 22/01/2016

· · ·		
(51) International classification	:A61C3/00	(71)Name of Applicant :
(31) Priority Document No	:13/679,019	1)WORLD CLASS TECHNOLOGY CORPORATION
(32) Priority Date	:16/11/2012	Address of Applicant :1300 NE Alpha Drive, McMinnville,
(33) Name of priority country	:U.S.A.	OR 97128 UNITED STATES OF AMERICA.
(86) International Application No	:PCT/US2013/070140	(72)Name of Inventor :
Filing Date	:14/11/2013	1)HAGELGANZ, Rolf
(87) International Publication No	:WO 2014/078564	2)BATHEN, Juergen
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : SELF-LIGATING ORTHODONTIC APPLIANCE WITH SLIDING COVER

(57) Abstract :

A self-ligating orthodontic bracket has a sliding archwire cover that has a top surface congruent with the top surface of an upper body portion having an archwire slot. The cover has a resilient locking tab that slides across the slot, bending upward as it encounters a ridge on the other side of the slot, and latching to the ridge to secure the cover in a closed position The cover has a modified dovetail shape with flared bottom portions that slideably engage guides for reciprocal opening and closing sliding motion. A groove in the slide support track engages the locking tab in the open position preventing it from disengaging from the upper body portion.

No. of Pages : 23 No. of Claims : 12

(21) Application No.1857/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND APPARATUS FOR A MODIFIED OUTER LOOP AFTER A RECEIVER OUTAGE EVENT

(51) International classification	:G08C25/02	(71)Name of Applicant :
(31) Priority Document No	:61/737,030	1)ZTE WISTRON TELECOM AB
(32) Priority Date	:13/12/2012	Address of Applicant : Kista Science Tower, 19tr., Farogatan
(33) Name of priority country	:U.S.A.	33, S-164 51 Kista SWEDEN
(86) International Application No	:PCT/US2013/074767	2)ZTE (TX) INC.
Filing Date	:12/12/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2014/093679	1)SVEDMAN, Patrick
(61) Patent of Addition to Application	:NA	2)JOHANSSON, Jan
Number	:NA :NA	3)SCHIER, Thorsten
Filing Date	.INA	4)HADJISKI, Bojidar
(62) Divisional to Application Number	:NA	5)CAO, Aijun
Filing Date	:NA	6)GAO, Yonghong

(57) Abstract :

A method, system and non transitory, tangible computer readable storage medium provides for controlling the BLER (block error rate) in a digital communication system. The outer loop control of the system discounts responses sent by a receiver to data transmission from a transmitter that were sent during a receiver outage event. Either the NACKs or both the ACKs and NACKs sent by the receiver during receiver outage are discounted by the outer loop control which adapts subsequent transmissions by either directly adjusting transmission parameters or by adjusting the selection of transmission parameters. The adapting may be based on individual NACKs and ACKs or after establishing a BLER.

No. of Pages : 32 No. of Claims : 26

(21) Application No.1757/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : GUIDING MEMBER IN THE FORM OF A METAL RING FOR ASSEMBLY WITH FRICTION AND WITH THE ARTICULATING AND/OR SLIDING CAPABILITY OF A SHAFT

(51) International classification	·F16C33/10 F16C33/20	(71)Name of Applicant :
(31) Priority Document No	:1261981	1)H.E.F.
(32) Priority Date	:13/12/2012	Address of Applicant :Rue Benoit Fourneyron F 42160
(33) Name of priority country	:France	Andrezieux Boutheon France
(86) International Application No	:PCT/FR2013/052965	(72)Name of Inventor :
Filing Date	:06/12/2013	1)VILLEMAGNE Patrick
(87) International Publication No	:WO 2014/091123	2)GODARD Georges
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The borehole of the ring has arrangements (1a) capable of serving as lubricant reserves in the friction area. A self lubricating coating (3) with low wettability is applied to the entire surface of said borehole including in the arrangements (1a) capable of serving as lubricant reserves so that after the layer of self lubricating coating (3) has worn off the friction surface of the borehole the difference in wettability between said friction surface and the arrangements that still have the coating helps extract said lubricant from said arrangements in order to lubricate said friction surface.

No. of Pages : 11 No. of Claims : 9

(21) Application No.1864/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : FILTER AND METHOD FOR INFORMED SPATIAL FILTERING USING MULTIPLE INSTANTANEOUS DIRECTION OF ARRIVIAL ESTIMATES

(51) International classification (31) Priority Document No	:H04R3/00,G10K11/34 :61/740866	(71)Name of Applicant : 1)FRAUNHOFER GESELLSCHAFT ZUR FÖRDERUNG
(32) Priority Date	:21/12/2012	DER ANGEWANDTEN FORSCHUNG E.V.
(33) Name of priority country	:U.S.A.	Address of Applicant : Hansastraße 27c 80686 München
(86) International Application No	:PCT/EP2013/074650	Germany
Filing Date	:25/11/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2014/095250	1)HABETS Emanuel
(61) Patent of Addition to Application	:NA	2)THIERGART Oliver
Number	:NA :NA	3)BRAUN Sebastian
Filing Date	.114	4)TASESKA Maja
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A filter (100) for generating an audio output signal comprising a plurality of audio output signal samples based on two or more input microphone signals is provided. The audio output signal and the two or more input microphone signals are represented in a time frequency domain wherein each of the plurality of audio output signal samples is assigned to a time frequency bin ((k n)) of a plurality of time frequency bins ((k n)). The filter (100) comprises a weights generator (110) being adapted to receive for each of the plurality of time frequency bins ((k n)) direction of arrival information of one or more sound components of one or more sound sources or position information of one or more sound sources and being adapted to generate weighting information for each of the plurality of time frequency bins ((k n)) depending on the direction of arrival information of the one or more sound components of the one more sound sources of said time frequency bin ((k n)). Moreover the filter comprises an output signal generator (120) for generating the audio output signal by generating for each of the plurality of time frequency bins ((k n)). Moreover the filter comprises an output signal generator (120) for generating the audio output signal by generating for each of the plurality of time frequency bins ((k n)) depending on the weighting information of said time frequency bin ((k n)) and depending on an audio input sample being assigned to said time frequency bin ((k n)) of each of the two or more input microphone signals.

No. of Pages : 53 No. of Claims : 15

(21) Application No.1865/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : 3 AMINOCYCLOPENTANE CARBOXAMIDE 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 	:C07C255/57,C07D213/81,C07D215/14 :12007759.9 :16/11/2012 :EPO :PCT/EP2013/003128 :17/10/2013 :WO 2014/075754 O :NA :NA :NA	 (71)Name of Applicant : 1)MERCK PATENT GMBH Address of Applicant :Frankfurter Strasse 250 64293 Darmstadt Germany (72)Name of Inventor : 1)TSAKLAKIDIS Christos 2)STAEHLE Wolfgang 3)LEUTHNER Brigitta 4)CZODROWSKI Paul
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(57) Abstract :

141234Compounds of the formula (I) in which R R R X X X X q and W have the meanings indicated in Claim 1 are inhibitors of fatty acid synthase and can be employed inter alia for the treatment of diseases such as cancer cardiovascular diseases central nervous system injury and different forms of inflammation.

No. of Pages : 116 No. of Claims : 17

(21) Application No.1866/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : TRANSITION BODY FOR ARRANGING BETWEEN DIFFERENTLY DESIGNED SECTIONS OF A WIND POWER PLANT TOWER AND WIND POWER PLANT TOWER WITH SUCH A TRANSITION BODY

(57) Abstract :

The invention relates to a transition body (1.3) for arranging between a lower section and an upper section of a tower for a wind power plant wherein the lower tower section (1.1) is constructed from a plurality of corner posts designed as hollow profiles and the upper tower section (1.2) is designed in the form of a tubular tower which is substantially round in cross section with a base (1.31) and a connecting flange (1.32) which is arranged above the base for the connection of the upper tower section (1.2) wherein the base (1.31) and the connecting flange (1.32) serving for the connection of the upper tower section are connected to each other via at least one jacket sheet (1.33) and wherein at least the connecting planes (1.31) to the at least one jacket sheet (1.33) is designed as a welded structure characterized in that a number of connecting planes (1.34) corresponding to the number of corner posts (1.10) of the lower tower section (1.1) is provided on the lower side of the base (1.31) wherein the connecting planes (1.34) are angled with respect to one another in such a manner that the respective connecting plane (1.31) rises radially outwards in the mounting position of the transition body (1.3). In particular the invention relates to a wind power plant tower with a lower tower section which is formed from a plurality of corner posts and with an upper tower section in the form of a round tubular tower wherein the upper tower section and the lower tower section are connected to each other via a transition body of the type mentioned above.

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

(21) Application No.1759/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND DEVICE FOR SENDING AND RECEIVING SCHEDULING DATA IN A WIRELESS COMMUNICATION SYSTEM USING BEAMFORMING

(51) International classification	:H04W72/04,H04W16/28	(71)Name of Applicant :
(31) Priority Document No	:1020120128879	1)SAMSUNG ELECTRONICS CO. LTD.
(32) Priority Date	:14/11/2012	Address of Applicant :129 Samsung ro Yeongtong gu Suwon
(33) Name of priority country	:Republic of Korea	si Gyeonggi do 443 742 Republic of Korea
(86) International Application No	:PCT/KR2013/010346	(72)Name of Inventor :
Filing Date	:14/11/2013	1)JUNG Jung Soo
(87) International Publication No	:WO 2014/077600	2)SON Yeong Moon
(61) Patent of Addition to Application	:NA	3)CHANG Young Bin
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

According to an embodiment of the present invention a method whereby a terminal receives scheduling data in a wireless communication system using beamforming comprises the processes of: receiving scheduling data via a first scheduling channel from a first base station; and receiving scheduling data via at least one second scheduling channel by using at least one receiving beam from at least one second base station that cooperates (cooperate) with the first base station.

No. of Pages : 53 No. of Claims : 32

(21) Application No.1760/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : HYDRAULIC BRAKING SYSTEM FOR FARM TRACTORS OR THE LIKE AND METHOD OF MANAGING SUCH SYSTEM

(51) International classification (31) Priority Document No	:B60T7/04,B60T7/12,B60T8/40 :TO2012A001065	(71)Name of Applicant : 1)VHIT S.P.A.
(32) Priority Date	:12/12/2012	Address of Applicant :Strada Vicinale Delle Sabbione 5 I
(33) Name of priority country	:Italy	26010 Offanengo (CR) Italy
(86) International Application No	:PCT/IB2013/060444	(72)Name of Inventor :
Filing Date	:27/11/2013	1)CADEDDU Leonardo
(87) International Publication No	:WO 2014/091349	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A hydraulic braking system for a farm tractor or the like comprises a first portion including members (10 19) for actuating/modulating the braking and operating with a first hydraulic fluid and a second portion comprising braking members (F) and operating with a second hydraulic fluid incompatible with the first one. An interface device (20) is interposed between the two portions and is arranged to separate the two portions of the system (1) and to prevent fluid passages therebetween. A method of managing such a braking system (1) is also provided.

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

(21) Application No.1870/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : COMPOSITIONS AND METHODS FOR CAPTURE OF CELLULAR TARGETS OF BIOACTIVE AGENTS

 (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 	:A61K39/00 :61/736,426 :12/12/2012 :U.S.A. :PCT/US2013/074756 :12/12/2013 :WO 2014/093671	3)KIRKLAND, Thomas 4)KLAUBERT, Dieter
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	5)MEISENHEIMER, Poncho 6)NATH, Nidhi 7)OHANA, Rachel F. 8)OTTO, Paul 9)URH, Marjeta
		10)UYEDA, Harry Tetsuo 11)WOOD, Keith

(57) Abstract :

The present invention provides compositions and methods for capture and identification of the cellular targets of a bioactive agent. In particular, provided herein are bioactive agents tethered to capture ligand, cellular targets (optionally tagged with a reporter), capture proteins (optionally present as capture fusions), surfaces (e.g., displaying, capture ligands, capture proteins, or capture fusions), and methods of capturing and identifying the cellular targets of a bioactive agent therewith.

No. of Pages : 65 No. of Claims : 51

(21) Application No.1871/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : BLOOD CELL PREPARATIONS AND RELATED METHODS (GEN8)

 (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 	:C12Q1/24,C12N5/078 :61/738,966 :18/12/2012 :U.S.A. :PCT/US2013/070507 :18/11/2013 :WO 2014/099198 :NA :NA :NA	 (71)Name of Applicant : 1)CHOW, Robert Address of Applicant :19492 Sierra Raton, Irvine, California 92603 UNITED STATES OF AMERICA. (72)Name of Inventor : 1)CHOW, Robert
(62) Divisional to Application Number Filing Date	:NA :NA	
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(57) Abstract :

The disclosure provides preparations of cells that are enriched in white blood cells, methods for separating cells into different fractions, and methods for administering the different cell fractions into a recipient subject.

No. of Pages : 49 No. of Claims : 28

(21) Application No.1872/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/06/2015

(54) Title of the invention : DIRECT AND INDIRECT ORGANOGENESIS OF JATROPHA

(43) Publication Date : 22/01/2016

(51) International classification :A01H4/00 (71)Name of Applicant : (31) Priority Document No 1) TEMASEK LIFE SCIENCES LABORATORY LIMITED :61/727,319 (32) Priority Date :16/11/2012 Address of Applicant :1 Research Link, National University (33) Name of priority country Of Singapore, Singapore 117604 SINGAPORE :U.S.A. :PCT/SG2013/000468 (72)Name of Inventor : (86) International Application No Filing Date :30/10/2013 1)THANKARAJ SALAMMAL, Maria Shibu (87) International Publication No 2)RAMACHANDRAN, Srinivasan :WO 2014/077779 (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 in general to plant biotechnology. More particularly, the present invention relates to methods and media compositions for the efficient direct organogenesis and indirect organogenesis of Jathropha plants, such as Jatropha curcas.

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

(21) Application No.1873/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR CONFIGURING AND TRANSMITTING KEY

 (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 	:H04W12/04,H04W12/08 :201210583709.X :28/12/2012 :China :PCT/KR2013/012358 :30/12/2013 :WO 2014/104849 :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 2)BELJING SAMSUNG TELECOMMUNICATIONS TECHNOLOGY RESEARCH CO. LTD. (72)Name of Inventor : 1)WANG Hong 2)LIANG Huarui
Number Filing Date	:NA	2)LIANG Huarui 3)XU Lixiang
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present application discloses a method for configuring and transmitting a key which includes that: a) a serving cell (PCell) of UE determines a key (KeNB) used by a SCell and transmits the KeNB to the SCell; and b) the PCell transmits configuration information for configuring the SCell to the UE after receiving a response message from the SCell and receives a response message from the UE. Or the method includes that: a SCell of UE transmits a cell key request to a MME and receives key information from the MME; and the SCell transmits the key information received from the MME to the UE and receives a response message from the UE. By the present application data of the SCell is transmitted after being encrypted so as to avoid a case that the data is decoded by other users and further guarantee the security of the data.

No. of Pages : 22 No. of Claims : 13

(21) Application No.1612/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :28/05/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND APPARATUS FOR IMAGE PROCESSING AND TERMINAL DEVICE

(31) Priority Document No:201(32) Priority Date:28/(33) Name of priority country:Chi(86) International Application No:PC'Filing Date:14/	3)LIU Xiao 4)WANG Lin	
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(57) Abstract :

The present disclosure relates to a method and apparatus for image processing and a terminal device which can automatically identify according to a template image and facial information in an image to be processed a part needed to be beautified in the image to be processed and perform beautifying processing without manually setting beautifying parameters one by one by a user which is convenient for the user to use. The method comprises: acquiring facial information in a template image; and according to the facial information in the template image performing beautifying processing on the face of the image to be processed.

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

(19) INDIA

(21) Application No.1716/KOLNP/2015 A

(22) Date of filing of Application :04/06/2015

(43) Publication Date : 22/01/2016

(51) International classification	:H04N5/445	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HUAWEI TECHNOLOGIES CO. LTD.
(32) Priority Date	:NA	Address of Applicant :Huawei Administration Building
(33) Name of priority country	:NA	Bantian Longgang Shenzhen Guangdong 518129 China
(86) International Application No	:PCT/CN2012/087391	(72)Name of Inventor :
Filing Date	:25/12/2012	1)HE Ronghui
(87) International Publication No	:WO 2014/100966	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : VIDEO PLAY METHOD TERMINAL AND SYSTEM

(57) Abstract :

Disclosed are a video play method device and system. The method comprises: dividing an original play picture into at least two regions of interest; determining a first region of interest having a trigger event in the at least two regions of interest; acquiring decoding data of a first video picture displayed in the first region of interest; and rendering the decoding data of the first video picture to an appointed play window for playing. According to the video play method device and system in the embodiments of the present invention by means of dividing an original play picture into a plurality of regions of interest and independently displaying a picture of a region of interest having a trigger event on one hand a user can watch a clearer picture of the region of interest and on the other hand the user can track pictures of the plurality of regions of interest at the same time thereby being capable of greatly improving the user experience.

No. of Pages : 54 No. of Claims : 15

(21) Application No.1828/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : DISCOVERY SIGNAL TRANSMISSION/RECEPTION METHOD AND APPARATUS FOR USE 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 	:H04W36/30,H04W48/08 :1020120146378 :14/12/2012 :Republic of Korea :PCT/KR2013/011517 :12/12/2013 :WO 2014/092475	 (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 Youngbum 2)CHO Joonyoung 3)KWAK Yongjun
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA	4)LEE Juho 5)LEE Hyojin 6)JI Hyoungju 7)KIM Voungu
(62) Divisional to Application Number Filing Date	:NA :NA	7)KIM Younsun 8)RO Sangmin 9)CHOI Seunghoon

(57) Abstract :

A discovery signal transmission/reception method and apparatus is provided for improving energy efficiency of the system. The discovery signal transmission method of a base station in a mobile communication system according to the present invention includes acquiring discovery signal configuration of a neighbor cell transmitting the discovery signal configuration to a terminal receiving a measurement report including a result of measurement on the discovery signal of the neighbor from the terminal the measurement being performed based on the discovery signal configuration and determining whether to make a handover decision for the terminal based on the measurement report. The discovery signal transmission/reception method of the present disclosure is advantageous in improving energy efficiency of a mobile communication system.

No. of Pages : 40 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :29/05/2015

(21) Application No.605/KOL/2015 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : LAUNDRY TREATMENT APPARATUS

(51) International classification	D06F39/08 D06F39/12	(71)Name of Applicant : 1)LG ELECTRONICS INC. Address of Applicant :128, YEOUI-DAERO,
(31) Priority Document No	:10-2014- 0065891	YEONGDEUNGPO-GU, SEOUL 150-721 REPUBLIC OF KOREA Republic of Korea
(32) Priority Date	:30/05/2014	(72)Name of Inventor :
(33) Name of priority country	:Republic of Korea	1)LEE, JIHONG 2)KIM, WOOSEONG
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 laundry treatment apparatus is disclosed. The apparatus includes a drawer retractably provided in a cabinet, an accommodation unit disposed in the drawer and having a space for containing washing water, a water supply channel connected to a water supply source to supply washing water to the accommodation unit, a body rotatably provided at the cabinet to support a water supply channel, and a body guider provided at the cabinet to guide movement of the body.

No. of Pages : 50 No. of Claims : 34

(19) INDIA

(22) Date of filing of Application :05/06/2015

(21) Application No.1727/KOLNP/2015 A

(43) Publication Date : 22/01/2016

(51) International classification :C03B15/12,C30B15/24 (71)Name of Applicant : (31) Priority Document No 1)SUNEDISON, INC. :61/738,718 (32) Priority Date :18/12/2012 Address of Applicant :501 Pearl Drive, St. Peters, Missouri (33) Name of priority country 63376 UNITED STATES OF AMERICA. :U.S.A. (86) International Application No :PCT/US2013/075580 (72)Name of Inventor : Filing Date :17/12/2013 1)SWAMINATHAN, Tirumani N. (87) International Publication No :WO 2014/099861 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : WEIR FOR INHIBITING MELT FLOW IN A CRUCIBLE

(57) Abstract :

A system for growing a crystal ingot includes a crucible and a weir. The crucible has a base and a sidewall for the containment of a silicon melt therein. The weir is located along the base of the crucible inward from the sidewall of the crucible. The weir has a body connected with at least a pair of legs disposed to inhibit movement of the silicon melt therebetween.

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

(21) Application No.1840/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR PRODUCING AN ENGINE COMPONENT, ENGINE COMPONENT, AND USE OF AN ALUMINIUM ALLOY

(57) Abstract :

)A method is described for producing an engine component, more particularly a piston for an internal combustion engine, in which an aluminium alloy is cast using the gravity die casting method and wherein the aluminium alloy comprises the following alloy elements: 9 to $\leq 10.5\%$ by weight silicon, ≥ 2.0 to <3.5% by weight nickel, ≥ 3.7 to 5.2% by weight copper, <1% by weight cobalt, 0.5 to 1.5% by weight magnesium, 0.1 to 0.7\% by weight iron, 0.1 to 0.4\% by weight manganese, ≥ 0.1 to <0.2% by weight zirconium, ≥ 0.1 to <0.2% by weight vanadium, 0.05 to <0.2% by weight titanium, 0.004 to 0.008% by weight phosphorus, wherein said aluminium alloy further comprises aluminium and unavoidable impurities. The invention further describes an engine component, in particular a piston for an internal combustion engine, wherein the engine component consists, at least partially, of an aluminium alloy, and the use of an aluminium alloy to produce an engine component, more particularly a piston of an internal combustion engine.

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

(21) Application No.1841/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/06/2015

(43) Publication Date : 22/01/2016

(51) International classification (71)Name of Applicant : :A61M15/00 (31) Priority Document No :12192242.1 1)SANOFI SA (32) Priority Date :12/11/2012 Address of Applicant :3 route de Montfleury, CH-1214 (33) Name of priority country Vernier SWITZERLAND :EPO (86) International Application No :PCT/EP2013/073186 (72)Name of Inventor : 1)MAYER, Stefan Filing Date :06/11/2013 (87) International Publication No 2)DOEDENS, Lucas :WO 2014/072352 (61) Patent of Addition to Application **3)PENGILLEY, Roy** :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : ASSEMBLY FOR AN INHALATION DEVICE AND USE OF A SEALING MEMBER

(57) Abstract :

An assembly for an inhalation device(1) is provided, wherein the assembly comprises a storage chamber (15) configured to hold a quantity of a substance (2), a metering element (33) configured to be moved in a moving direction with respect to the storage chamber (15), and a sealing member (31) mechanically cooperating with the metering element (33), wherein the sealing member (31) comprises an opening (20) which receives the metering element (33), and wherein the sealing member (31) comprises at least one sealing lip (81) which is deflectable in a direction corresponding to the moving direction of the metering element (33). Furthermore, the use of a sealing member (31) comprises an opening (20) which receives the metering element (33) of an inhalation device (1) is provided, wherein the sealing member (31) comprises an opening (20) which receives the metering element (33), and wherein the sealing member (31) comprises at least one sealing lip (81), wherein the sealing lip (81) is configured to be deflected in a direction corresponding to a moving direction of the metering element (33).

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

(21) Application No.618/KOL/2015 A

(19) INDIA

(22) Date of filing of Application :01/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : HEAT PUMP DESUPERHEATER AND CHARGE ROBBER

:F25B13/00	(71)Name of Applicant :
:62/010,341	1)TRANE INTERNATIONAL INC.
:10/06/2014	Address of Applicant :ONE CENTENNIAL AVENUE,
:U.S.A.	PISCATAWAY, NEW JERSEY 08855, UNITED STATES OF
:NA	AMERICA.
:NA	(72)Name of Inventor :
: NA	1)STEPHEN STEWART HANCOCK
:NA	
:NA	
:NA	
:NA	
	:62/010,341 :10/06/2014 :U.S.A. :NA :NA :NA :NA :NA :NA

(57) Abstract :

Systems and methods are disclosed which may include providing a desuperheater / charge robber (DSHCR) system in a heating, ventilation, and/or air-conditioning (HVAC) system, wherein the DSHCR system is configured to selectively allow a flow of refrigerant through a desuperheater heat exchanger when the HVAC system is operated in a cooling mode and selectively prevent the flow of refrigerant through the desuperheater heat exchanger from a refrigerant fluid circuit when the HVAC system is operated in a heating mode. The desuperheater heat exchanger may also be configured to function as a charge robber and store at least a portion of the refrigerant when the HVAC system is operated in the heating mode.

No. of Pages : 34 No. of Claims : 20

(21) Application No.1789/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : APPARATUS AND METHOD FOR WINDING A SUBSTANTIALLY CONTINUOUS HEATING ELEMENT ABOUT A SUBSTANTIALLY CONTINUOUS WICK

(51) International classification	:A24F47/00	(71)Name of Applicant :
(31) Priority Document No	:13/708381	1)R. J. REYNOLDS TOBACCO COMPANY
(32) Priority Date	:07/12/2012	Address of Applicant :401 North Main Street Winston Salem
(33) Name of priority country	:U.S.A.	NC 27101 U.S.A.
(86) International Application No	:PCT/US2013/071995	(72)Name of Inventor :
Filing Date	:26/11/2013	1)WARD Reeder N.
(87) International Publication No	:WO 2014/088889	2)WHITE Kenneth D.
(61) Patent of Addition to Application	:NA	3)DAVIS James Dean
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to apparatuses configured to pre form atomizers. The apparatus may include wick and heating element supplies configured to respectively provide a substantially continuous wick and a substantially continuous heating element. A winding mechanism is configured to wind the heating element about the wick. An adjustment mechanism is configured to adjust a position at which the winding mechanism winds the heating element about the wick. Additionally a synchronization mechanism synchronizes winding the heating element about the wick with adjustment of the position at which the heating element is wound about the wick such that the heating element defines a coiled heating element segment wound about the wick. This process may be repeated to produce multiple coiled heating element segments wound about the wick. A related method is also provided.

No. of Pages : 39 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :05/06/2015

(21) Application No.634/KOL/2015 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : EXHAUST GAS PURIFYING METHOD AND EXHAUST GAS PURIFYING SYSTEM

(51) International classification	·E02D21/08	(71)Name of Applicant :
(51) International classification	:2014-	
(31) Priority Document No	.2014-	1)IBIDEN CO., LTD.
		Address of Applicant :1, KANDACHO 2-CHOME, OGAKI-
(32) Priority Date		SHI, GIFU 503-8604 JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)KENSUKE TOYODA
Filing Date	:NA	2)TAKEHIRO HIGUCHI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

To provide an exhaust gas purifying method which allows a large amount of PM to deposit until regeneration and thus provides a margin to a regeneration limit, and, as a result, enables favorable regeneration of the particulate filter without causing defects such as breakage of the particulate filter even if there is a range in estimated values of the amount of deposited PM. A method for purifying exhaust gas including burning and removing particulates deposited on a particulate filter disposed in an exhaust path of an internal combustion engine of a vehicle by using a travel distance measuring means built into the vehicle and/or a travel time measuring means built into the vehicle and a honeycomb filter which serves as the particulate filter and on which no catalyst is supported so as to regenerate the filter. The method includes: determining that the amount of deposited particulates has reached a value for regeneration when travel distance measuring means reaches a predetermined travel time, or alternatively, when travel distance measured by the travel distance measured by the travel distance measured by the travel time measured travel time, whichever comes first; and in accordance with the determination that the particulate filter requires regeneration, burning and removing particulates on the particulate filter by a particulate filter temperature elevating means to regenerate the particulate filter.

No. of Pages : 60 No. of Claims : 13

(21) Application No.635/KOL/2015 A

(19) INDIA

(22) Date of filing of Application :05/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : REPLACEMENT TRANSPORTING DEVICE FOR LOOM AND METHOD FOR TRANSPORTING WARP BEAM USING THE REPLACEMENT TRANSPORTING DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:D03J1/00 :2014- 118277 :09/06/2014 :Japan :NA :NA	 (71)Name of Applicant : 1)TSUDAKOMA KOGYO KABUSHIKI KAISHA Address of Applicant :18-18, NOMACHI 5-CHOME, KANAZAWA-SHI, ISHIKAWA-KEN 921-8650 JAPAN (72)Name of Inventor : 1)NORIO MINAMITANI 2)HIROAKI HASEGAWA
(87) International Publication No	: NA	3)MASAAKI RITA
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A replacement transporting device (1, 1A) for a loom is provided, a warp beam and a warp related device into which a warp drawn out from the warp beam is inserted being mountable on the replacement transporting device (1, 1A), the replacement transporting device (1, 1A) having a transferring function for transferring the warp related device to the loom. Under this assumption, the replacement transporting device (1, 1A) includes a first transporting carrier section (10, 10A) on which the warp beam and the warp related device are mounted, the first transporting carrier section (20, 20A) having a transferring function for transporting carrier section (20, 20A) having a transferring function for transporting carrier section (20, 20A) having a transferring function for transporting device (1, 1A), the first transporting carrier section (10, 10A) on which the warp beam and the warp related device to the loom, the second transporting carrier section (20, 20A) having a transferring function for transferring the warp related device to the loom, the second transporting carrier section (20, 20A) being independently movable. In the replacement transporting device (1, 1A), the first transporting carrier section (10, 10A) and the second transporting carrier section (20, 20A) are connectable to each other, and are disconnectable from each other.

No. of Pages : 103 No. of Claims : 3

(21) Application No.1663/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :02/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND TERMINAL FOR DETERMINING HANDOVER FOR TRAFFIC OFFLOADED ONTO WLAN

(51) International classification	:H04W36/22,H04W36/14	(71)Name of Applicant :
(31) Priority Document No	:61/754,621	1)LG ELECTRONICS INC.
(32) Priority Date	:20/01/2013	Address of Applicant :128, Yeoui-daero, Yeongdeungpo-gu,
(33) Name of priority country	:U.S.A.	Seoul, 150-721 REPUBLIC OF KOREA
(86) International Application No	:PCT/KR2014/000516	(72)Name of Inventor :
Filing Date	:17/01/2014	1)KIM, HyunSook
(87) International Publication No	:WO 2014/112826	2)KIM, JaeHyun
(61) Patent of Addition to Application	:NA	3)KIM, LaeYoung
Number		4)KIM, TaeHyeon
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

There is provided a method for determining a handover. The method may comprise: determining by User Equipment (UE) whether a timer is running wherein the UE has accessed multiple Radio Access Technologies (RATs); if the timer is not running performing by the UE a handover of a data traffic which has been routed onto a Wireless LAN (WLAN) to an original RAT; and if the timer is running not performing by the UE the handover of the data traffic which has been routed onto the WLAN to the original RAT. The data traffic may be been routed onto the WLAN as a result of Circuit Switched Fall Back (CSFB) or 3GPP RAT mobility.

No. of Pages : 55 No. of Claims : 16

(21) Application No.1769/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/06/2015

(43) Publication Date : 22/01/2016

(51) International classification	:H04B17/00,H04B7/06	(71)Name of Applicant :
(31) Priority Document No	:13/677781	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:15/11/2012	Address of Applicant :Stockholm SE 164 83 Sweden
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/IB2013/060066	1)MCGOWAN Neil
Filing Date	:12/11/2013	2)DA SILVEIRA Marthinus Willem
(87) International Publication No	:WO 2014/076630	3)HO Tan
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : ANTENNA ARRAY CALIBRATION USING TRAFFIC SIGNALS

(57) Abstract :

An antenna array of a base station is calibrated using outbound traffic signals. The antenna array includes a number of sub arrays. A combiner in the antenna array combines the outbound traffic signals in the sub arrays into a feedback signal. The outbound traffic signals are captured simultaneously for use as reference signals before the outbound traffic signals enter transmit paths in a radio unit of the base station. Each of the reference signals is one of the outbound traffic signals that is to be transmitted via one of the sub arrays. An impairment estimator of the base station estimates the impairment for each of the outbound traffic signals based on the feedback signal and the reference signals. An approximate inverse of the impairment estimation is applied to the outbound traffic signals by a number of equalizers before the outbound traffic signals enter the transmit paths.

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

ON (21) Application No.1770/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : TAVR VENT	RICULAR CATHETER	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A61M25/00 :61/733818 :05/12/2012 :U.S.A. :PCT/US2013/073291	
Filing Date (87) International Publication No	:05/12/2013 :WO 2014/089284	1)MCDONALD Michael B.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A catheter for positioning a valve during a transcatheter aortic valve replacement is formed from a resilient hollow body conformable to a guide wire when a guide wire is passed in through an upper opening in the hollow body and through the hollow body. When the guide wire is retracted the catheter deploys to form a substantially straight upper shaft portion that extends downwardly from the upper opening and a distal ring perpendicular to the upper shaft portion.

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

(19) INDIA

(22) Date of filing of Application :12/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : PROCESS AND APPARATUS IN A VEHICLE ELECTRONIC PARKING METER SYSTEM HAVING PROGRESSIVE RATE FOR PAYMENTS

(57) Abstract :

There is disclosed a process and apparatus in a vehicle electronic parking meter system having progressive rate for payments corresponding to multi-rate tier payments, time values and revenue values for occupants of vehicle spaces in the vehicle electronic meter parking system, comprising the steps of determining, by a processor, the progressive rate for payments for the multi-rate tiers so that the processor effects determination of the progressive rate so that prospective rate progression of the progressive rate is first calculated at time of, and being caused by and based on, arrival of a selected occupant coincident with setting of the time values at time of arrival of the selected occupant and independent of time of payment by the selected occupant; converting, by the processor, the time values to revenue values of the selected occupant of a vehicle parking space in the vehicle electronic meter parking system corresponding to the progressive rate for payments; evaluating, by the processor, individual vehicle parking space transactions for the selected occupant; determining, by the processor, the violation status of the selected occupant in a vehicle parking space; and classifying, by the processor, time and revenue payments for the selected occupant in a vehicle parking space in the vehicle electronic meter parking system.

No. of Pages : 63 No. of Claims : 18

(21) Application No.1777/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : PRODUCTION METHOD FOR GRAIN-ORIENTED ELECTRICAL STEEL SHEET AND PRIMARY RECRYSTALLIZED STEEL SHEET FOR PRODUCTION OF GRAIN-ORIENTED ELECTRICAL STEEL SHEET

(31) Priority Document No(32) Priority Date	:C21D8/12,B21B3/00,B21B45/00 :2012288877 :28/12/2012	1)JFE STEEL CORPORATION Address of Applicant :2-3, Uchisaiwai-cho 2-chome, Chiyoda-
 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:Japan :PCT/JP2013/085322 :25/12/2013 :WO 2014/104394	ku, Tokyo 1000011 JAPAN (72)Name of Inventor : 1)SHINGAKI, Yukihiro 2)YAMAGUCHI, Hiroi 3)WAKISAKA, Yuiko 4)MATSUDA, Hiroshi
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)TERASHIMA, Takashi
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

In the present invention a grain oriented electrical steel sheet that has suitable characteristics and in which variations in magnetic characteristics are greatly reduced is produced in an industrially stable manner when producing a grain oriented electrical steel sheet using as a raw material a steel slab that comprises in mass% or mass ppm 0.08% or less of C 2.0 4.5% or less of Si and 0.5% or less of Mn and in which S Se and O are each limited to less than 50 ppm sol.Al is limited to less than 100 ppm N is controlled so as to constitute 80 ppm or less and be within a range that satisfies sol.Al (ppm) N (ppm) × (26.98/14.00) = 30 ppm and the remainder comprises a composition of Fe and unavoidable impurities. The grain oriented electrical steel sheet is produced by: performing a nitriding treatment in which the nitrogen increase amount (N) is defined by either the expression (1) or the expression (2) said nitriding treatment being performed either before primary recrystallization annealing during annealing or after annealing; causing silicon nitride (SiN) to be deposited on the grain boundaries; and causing the silicon nitride to function as a limiting force for normal grain growth. Expression (1): when sol.Al N × (26.98/14.00) = 0 50 ppm = N = 1000 ppm. Expression (2): when 0 < sol.al N × (26.98/14.00) = 30 (N sol.Al × 14.00/26.98 + 100) = N = (N sol.Al × 14.00 / 26.98 + 1000).

No. of Pages : 27 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :09/06/2015

(21) Application No.1778/KOLNP/2015 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : GENE SILENCING

 (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 	:PCT/US2013/075720 :17/12/2013 :WO 2014/099950 :NA :NA	 (71)Name of Applicant : 1)THE ROCKEFELLER UNIVERSITY Address of Applicant :1230 York Avenue, New York, NY 10021 UNITED STATES OF AMERICA. (72)Name of Inventor : 1)CHUA, Nam-Hai 2)NIU, Qiwen 3)DENG, Shulin
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(57) Abstract :

The present invention relates to transcriptional gene silencing (TGS) of endogenes in plants plant tissue and plant cells. More specifically the present invention relates to nucleic acid constructs that are capable of more effectively silencing genes of interest such as endogenes in plants plant tissue and plant cells by TGS. The present invention further relates to methods of more effectively reducing endogenous gene expression in plants plant tissues or plant cells by TGS using the nucleic acid constructs of the invention.

No. of Pages : 64 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :09/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : USE OF 3-CARBOXY-N-ETHYL-N, N-DIMETHYLPROPAN-1-AMINIUM OR A PHARMACEUTICALLY ACCEPTABLE SALT THEREOF IN THE TREATMENT OF ATHEROSCLEROSIS

		(71)Name of Applicant :
		1)GRINDEKS, A JOINT STOCK COMPANY
		Address of Applicant :53, Krustpils street, LV-1057 Riga
(51) International classification	:A61K31/197,A61P9/10	LATVIA
(31) Priority Document No	:12198627.7	(72)Name of Inventor :
(32) Priority Date	:20/12/2012	1)KALVINS, Ivars
(33) Name of priority country	:EPO	2)VILSKERSTS, Reinis
(86) International Application No	:PCT/EP2013/077291	3)PUGOVICS, Osvalds
Filing Date	:19/12/2013	4)DAMBROVA, Maija
(87) International Publication No	:WO 2014/096133	5)STONANS, Ilmars
(61) Patent of Addition to Application	:NA	6)KUKA, Janis
Number	:NA	7)LIEPINS, Edgars
Filing Date	.114	8)LOZA, Einars
(62) Divisional to Application Number	:NA	9)ANDRIANOVS, Viktors
Filing Date	:NA	10)GRINBERGA, Solveiga
		11)GUSTINA, Daina
		12)LOLA, Daina
		13)MAKRECKA, Marina

(57) Abstract :

Use of 3 carboxy N ethyl N N dimethylpropan 1 aminium and its pharmaceutically acceptable salts: 3 carboxy N ethyl N N dimethylpropan 1 aminium hydrogen fumarate and 3 carboxy N ethyl N N dimethylpropan 1 aminium dihydrogen phosphate in the prevention and treatment atherosclerosis.

No. of Pages : 12 No. of Claims : 3

(21) Application No.765/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :17/07/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : A SMART AIR HANDLING UNIT (AHU) FOR EFFICIENT OPERATION OF CENTRALIZED AIR-CONDITIONING SYSTEMS WITH LOWER POWER CONSUMPTION.

 (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 	:F24F3/00 :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)CENTRAL POWER RESEARCH INSTITUTE Address of Applicant :REGIONAL TESTING LABORATORY, 1ST FLOOR, CTD WORKSHOP, WBSEB BN BLOCK ABHIKSHAN BUILDING, SECTOR-V, SALT LAKE CITY, KOLKATA-700091 HAVING ITS REGISTERED OFFICE AT PROF,SIR C V RAMAN ROAD, SADASHIVANGAR P.O. BOX 8066, BANGALORE 560080, INDIA Karnataka (72)Name of Inventor : 1)S. JOTHIBASU 2)M. SIDDHARTHA BHATT
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(57) Abstract :

A Smart air-handling unit (AHU) for efficient operation of centralized Air- Conditioning Systems with lower power consumption, the improvement a two- way motorized modulating valve is provided in the AHU to replace the prior art three-way valve such that by-pass of chilled water flow to the return duct is eliminated; a differential pressure meter is disposed across the inlet air filter to consistently measure the pressure drop between the AHU room and the conditioned space; and means for continuously monitoring the temperature and relative humidity (T & RH) of the AHU room and the conditioned space, wherein the two-way modulating valve increases/reduces the air-inflow corresponding to the desired relationship of T & RH value of air between the conditioned space and the AHU room, wherein when the T & RH value air in the AHU room exceeds a threshold, an alarm is auto-generated to allow the chilled air distribution to enhance flow of air circulation, and wherein when the pressure drop across the inlet air filter exceeds a value of 10mm WC, a second alarm is sounded for the operator to replace the existing filters with new set of filters and maintain optimum and efficient operation of the system.

No. of Pages : 12 No. of Claims : 1

(21) Application No.1811/KOLNP/2015 A

(19) INDIA

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

(43) Publication Date : 22/01/2016

(54) Title of the invention : WIND UP LIGHT DIRECTING SLAT METHOD OF PRODUCTION APPLICATION AND SUN PROTECTION SYSTEM

(51) International algoritization	E06D0/286 E06D0/24	(71) Nome of Applicant .
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:10 2012 112 255.5	1)KOESTER Helmut
(32) Priority Date	:13/12/2012	Address of Applicant : Karl Bieber Hoehe 15 60437 Frankfurt
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/IB2013/060877	(72)Name of Inventor :
Filing Date	:12/12/2013	1)KOESTER Helmut
(87) International Publication No	:WO 2014/091449	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Light guiding slat for a sun protection system, wherein the light guiding slat is made of a band material equipped with a Fresnel reflector made by folding and/or bending the band material whereby the light guiding slat has a total height (G) which is so small that the light guiding slat has a form to be coilable with a coiling radius of 1 m or less without any substantial plastic deformation.

No. of Pages : 32 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :29/05/2015

(21) Application No.608/KOL/2015 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : LAUNDRY TREATMENT APPARATUS

(51) International classification	D06F39/08 D06F39/12	 (71)Name of Applicant : 1)LG ELECTRONICS INC. Address of Applicant :128, YEOUI-DAERO,
(31) Priority Document No	:10-2014- 0065892	YEONGDEUNGPO-GU, SEOUL 150-721 REPUBLIC OF KOREA
(32) Priority Date	:30/05/2014	(72)Name of Inventor :
(33) Name of priority country	:Republic of Korea	1)LEE, JIHONG 2)JEONG, KWANWOONG
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 laundry treatment apparatus is disclosed. The apparatus includes a cabinet, a drawer retractably provided in the cabinet, a tub provided in the drawer and having a space for containing washing water, a drum rotatably provided in the tub, a through hole formed through an upper surface of the tub, and a recovery unit for recovering moisture discharged from the tub through the through hole to the through hole.

No. of Pages : 43 No. of Claims : 17

(21) Application No.1814/KOLNP/2015 A

(19) INDIA

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

(43) Publication Date : 22/01/2016

(54) Title of the invention : BOLT, AND ROCK DRILL WITH BOLT

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:F16B35/04,B25D17/00,B25F5/02 :1350089-7 :28/01/2013 :Sweden :PCT/SE2014/050092 :27/01/2014 :WO 2014/116174	 (71)Name of Applicant : 1)ATLAS COPCO ROCK DRILLS AB Address of Applicant :S-701 91 Örebro SWEDEN (72)Name of Inventor : 1)JONSSON, Per 2)SAF, Fredrik
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract :

Herein a bolt (2) comprising an elongated body (4) with a central axis (C) is described. The elongated body (4) is in a first end (6) provided with a first thread (8) and in a second end (10) with a second thread (12). An intermediate part (14) of the elongated body (4) is provided with a collar (16). The collar (16) is provided with at least one first flat surface (18) which first flat surface (18) extends substantially in parallel with the central axis (C). Further a rock drill comprising housing parts hold together by at least one bolt (2) is described.

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

(19) INDIA

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

(21) Application No.1815/KOLNP/2015 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : CLASS-D Al	MPLIFIER	
 (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 	:H03F3/217 :2013-172073 :22/08/2013 :Japan	 (71)Name of Applicant : 1)KYOSAN ELECTRIC MFG. CO., LTD. Address of Applicant :29-1, Heiancho 2-chome, Tsurumi-ku, Yokohama-shi, Kanagawa 2300031 JAPAN (72)Name of Inventor : 1)YUZURIHARA, Itsuo 2)AIKAWA, Satoshi 3)OHMA, Ryosuke

(57) Abstract :

The present invention suppresses a vibration phenomenon in a high radio frequency (RF) region and reduces a surge voltage in a class D amplifier. A vibration absorption circuit is connected to the power supply side of a class D amplification circuit and a vibration circuit is equivalently constructed of the class D amplification circuit and the vibration absorption circuit connected thereto. A resistor in the vibration absorption circuit is used as a damping resistor for the vibration circuit thereby suppressing a vibration phenomenon and reducing a surge voltage. The vibration absorption circuit is constructed of an R L parallel circuit comprising the resistor and an inductance. The vibration absorption circuit and the class D amplification circuit constitute the vibration circuit and the resistor of the vibration absorption circuit constitutes the damping resistor for the vibration circuit in a high RF region.

No. of Pages : 57 No. of Claims : 5

(21) Application No.1816/KOLNP/2015 A

(19) INDIA

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

(43) Publication Date : 22/01/2016

(51) International classification	:H04W4/02	(71)Name of Applicant :
(31) Priority Document No	:13/720017	1)HUAWEI TECHNOLOGIES CO. LTD.
(32) Priority Date	:19/12/2012	Address of Applicant :Huawei Administration Building
(33) Name of priority country	:U.S.A.	Bantian Longgang Shenzhen Guangdong 518129 China
(86) International Application No	:PCT/CN2013/089759	(72)Name of Inventor :
Filing Date	:18/12/2013	1)KIM Daejoung
(87) International Publication No	:WO 2014/094612	2)YANG Shing Lung Steven
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)TOH Wee Kian
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : RECONFIGURABLE MULTIBAND ANTENNA

(57) Abstract :

A mobile node (MN) comprising an antenna comprising a proximate end, a distal end, and a midpoint, a first feed coupled to the antenna between the proximate end and the midpoint, a second feed coupled to the antenna between the distal end and the midpoint, a first switch configured to toggle between coupling the first feed to a main feed and coupling the second feed to the main feed, and a controller configured to control the toggling of the first switch.

No. of Pages : 26 No. of Claims : 20

(21) Application No.1772/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : PRODUCTION METHOD FOR GRAIN-ORIENTED ELECTRICAL STEEL SHEET

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C21D8/12,B21B3/00,B21B45/00 :2012-288612 :28/12/2012 :Japan	 (71)Name of Applicant : 1)JFE STEEL CORPORATION Address of Applicant :2-3, Uchisaiwai-cho 2-chome, Chiyoda- ku, Tokyo 1000011 JAPAN
(86) International Application No Filing Date	:PCT/JP2013/085321 :25/12/2013	(72)Name of Inventor :1)HAYAKAWA, Yasuyuki2)SHINGAKI, Yukihiro
(87) International Publication No	:WO 2014/104393	3)YAMAGUCHI, Hiroi 4)MATSUDA, Hiroshi
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)WAKISAKA, Yuiko
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A process for producing a grain oriented electrical steel sheet using as a raw material therefor a steel slab having a composition which contains in terms of mass% or mass ppm up to 0.08% C 2.0 4.5% Si and up to 0.5% Mn has S Se and O contents reduced to below 50 ppm each and a sol.Al content reduced to below 100 ppm and has an N content regulated to the range [sol.Al \times (14/27) ppm=N=80 ppm with the remainder comprising Fe and unavoidable impurities the process comprising cold rolling the steel slab thereafter subjecting the steel slab before initiation of secondary recrystallization/annealing to a nitriding treatment whereby the nitrogen content is regulated to 50 1 000 mass ppm incorporating a sulfide and/or a sulfate into an annealing separator in a total amount of 0.2 15 mass% and conducting secondary recrystallization/annealing so that the steel slab during the heating is held for 5 hours or longer in the temperature range of 300 800°C thereby precipitating silicon nitride (SiN) and MnS and using the silicon nitride and the MnS in combination as a power of inhibiting the growth of normal grains. Thus unevenness in magnetic property is greatly reduced and a grain oriented electrical steel sheet having satisfactory characteristics is industrially stably produced.

No. of Pages : 24 No. of Claims : 3

(21) Application No.1773/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : PSEUDOMONAS ANTIGENS AND ANTIGEN COMBINATIONS

(51) International	:A61K39/104,A61P31/04,C07K14/21	(71)Name of Applicant :
classification		1)GLAXOSMITHKLINE BIOLOGICALS SA
(31) Priority Document No	:1221638.8	Address of Applicant :Rue de l'Institut 89, B-1330 Rixensart
(32) Priority Date	:30/11/2012	BELGIUM
(33) Name of priority	1112	2)OSPEDALE SAN RAFFAELE SRL
country	:U.K.	(72)Name of Inventor :
(86) International		1)MASIGNANI, Vega
Application No	:PCT/EP2013/074864	2)SCARSELLI, Maria
Filing Date	:27/11/2013	3)PETRACCA, Roberto
(87) International		4)BIANCONI, Irene
Publication No	:WO 2014/083060	5)BRAGONZI, Alessandra
(61) Patent of Addition to		6)ALCALA ' FRANCO Beatriz
Application Number	:NA	UJALCALA FRANCO Deaulz
11	:NA	
Filing Date		
(62) Divisional to	:NA	
Application Number	:NA	
Filing Date		
(57) Abstract ·		

(57) Abstract :

An effective Pseudomonas aeruginosa vaccine may require one or several antigenic components and so various antigens of P. aeruginosa are identified for use in immunisation. These polypeptides may optionally be used in combination with other nosocomial antigens.

No. of Pages : 71 No. of Claims : 17

(21) Application No.1774/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : SOLID UNIT WITH HIGH FEXOFENADINE CONTENT 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 	:1262647 :21/12/2012 :France :PCT/EP2013/077752 :20/12/2013 :WO 2014/096387 :NA	 (71)Name of Applicant : 1)SANOFI Address of Applicant :54 rue La Boétie, F-75008 Paris FRANCE (72)Name of Inventor : 1)MERILLON, Baptiste 2)LANNE, Jean-Yves 3)RENOUARD, Marie
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to pharmaceutical compositions intended to be used in the form of a solid unit such as a tablet for oral administration comprising a high content of fexofenadine and/or of at least one pharmaceutically acceptable salt thereof and also to hot melt processes for manufacturing solid units.

No. of Pages : 34 No. of Claims : 14

(22) Date of filing of Application :15/06/2015

(19) INDIA

(21) Application No.1851/KOLNP/2015 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : AIR INTERFACE SYNCHRONIZATION METHOD DEVICE AND SYSTEM (51) International classification :H04W56/00 (71)Name of Applicant : (31) Priority Document No 1)HUAWEI TECHNOLOGIES CO. LTD. :NA (32) Priority Date :NA Address of Applicant : Huawei Administration Building (33) Name of priority country Bantian Longgang Shenzhen Guangdong 518129 China :NA :PCT/CN2012/087202 (72)Name of Inventor : (86) International Application No Filing Date :21/12/2012 1)XUE Huaijie (87) International Publication No 2)LIN Jie :WO 2014/094311 (61) Patent of Addition to Application 3)RONG Dawei :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Provided in an embodiment of the present invention is an air interface synchronization method comprising: a base station controller transmits information containing the clock of the base station controller to each non reference station controlled by the base station controller; the base station controller uses the frame information of a reference station controlled by the base station controller as a reference to respectively calculate the difference between the frame information of each non reference station and the reference and generates the frame offset information for each non reference station according to the difference of each non reference station; and the base station controller transmits the generated frame offset information to each non reference station. Also provided are an air interface synchronization device and system. The embodiment of the present invention realizes air interface synchronization while reducing communication system cost.

No. of Pages : 103 No. of Claims : 46

(21) Application No.1852/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND APPARATUS FOR PROCESSING UNSTRUCTURED SUPPLEMENTARY SERVICE DATA SERVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 		 (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)MA Hongwei 2)LIU Haiyang
Filing Date (87) International Publication No	:WO 2014/086165	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Embodiments of the present invention relate to a method and an apparatus for processing an unstructured supplementary service data (USSD) service. The method comprises: when an application server determines that a mobile terminal in an LTE based voice call network has a USSD service capability based on an IP multimedia subsystem the application server sending an invite message to the mobile terminal through a call session control function (CSCF) entity the invite message comprising an identifier of a USSD service; receiving an invite response that is sent by the mobile terminal through the CSCF entity the invite response carrying reply information entered by a user and the reply information comprising the identifier of the USSD service; generating according to the reply information a message for requesting executing the USSD service the message for requesting executing the USSD service to a user data server so that the user data server processes the USSD service according to the identifier of the USSD service carried in the message for requesting executing the USSD service.

No. of Pages : 60 No. of Claims : 16

(19) INDIA

(21) Application No.1797/KOLNP/2015 A

(43) Publication Date : 22/01/2016

(22) Date of filing of Application :10/06/2015

(54) Title of the invention : APPARATUS FOR CORNEAL CROSSLINKING

(51) International classification	:A61F9/008	(71)Name of Applicant :
(31) Priority Document No	:NA	1)WAVELIGHT GMBH
(32) Priority Date	:NA	Address of Applicant : Am Wolfsmantel 5, 91058 Erlangen
(33) Name of priority country	:NA	GERMANY
(86) International Application No	:PCT/EP2013/051574	(72)Name of Inventor :
Filing Date	:28/01/2013	1)SKERL, Katrin
(87) International Publication No	:WO 2014/114359	2)WELLHOEFER, Armin
(61) Patent of Addition to Application	:NA	3)DONITZKY, Christof
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

An apparatus for corneal crosslinking, the use of the apparatus for corneal crosslinking, and a method for corneal crosslinking are provided. The apparatus comprises a source of laser radiation; a scanner device for scanning the laser radiation; and a control computer for controlling the scanner device.

No. of Pages : 22 No. of Claims : 13

(21) Application No.1798/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : MIXING AND STIRRING DEVICE, MIXING AND STIRRING METHOD, AND METHOD FOR MANUFACTURING LIGHTWEIGHT GYPSUM 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 (62) Divisional to Application 	:PCT/JP2013/081872 :27/11/2013 o:WO 2014/087892 :NA :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)UENO, Yasutoshi 2)INENAGA, Hitoshi 3)MATSUZAKI, Yutaka
Number Filing Date	:NA :NA	

(57) Abstract :

[Problem] To prevent unevenness, deviation, or variation in the density distribution of gypsum slurry on a base paper for a gypsum board by reducing the swirling of the gypsum slurry which flows onto the base paper for a gypsum board. [Solution] A mixing and stirring device (10) for gypsum slurry has a circular housing (20) for forming a kneading region, and also has a rotating plate (32) disposed within the housing. The mixing and stirring device (10) further has a pipe passage (50, 90, 95, 96, 97, 97) for supplying slurry onto base paper (1) for a gypsum board. A chute has flow passage portions (60, 61, 91, 92) which are provided with flow passage cross-sections asymmetric with respect to the center axis (C, C1) of the pipe passage, or alternatively, the chute has flow passage portions (98, 99) in which the position of the center axis of the pipe passage is changed by changing or displacing the flow passage collapses in the flow passage portions, and as a result, the gypsum slurry (3) flowing out onto the base paper for a gypsum board substantially does not flow in a swirling motion which causes the non-uniformity or instability of density distribution.

No. of Pages : 60 No. of Claims : 23

(21) Application No.1799/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSMITTING ACK/NACK IN WIRELESS COMMUNICATION SYSTEM

(31) Priority Document No :61/738,39 (32) Priority Date :18/12/201 (33) Name of priority country :U.S.A.	12Address of Applicant :20 Yeouido-dong, Yeongdeungpo-gu Seoul 150-721 REPUBLIC OF KOREA2013/011828(72)Name of Inventor : 1)SEO, Dongyoun
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(57) Abstract :

Provided are a method for transmitting an ACK/NACK by a terminal configured with a plurality of serving cells, and a terminal using such a method. The method comprises: receiving data from a downlink subframe of a first serving cell; and transmitting the data for the ACK/NACK signal from an uplink subframe of a second serving cell; wherein the uplink subframe is determined in accordance with the ACK/NACK timing of the first serving cell, or the ACK/NACK timing of the second serving cell if the data is received from a downlink subframe of the second serving cell, which is identical to the downlink subframe of the first serving cell.

No. of Pages : 66 No. of Claims : 15

(21) Application No.1780/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : SUSTAINED RELEASE LIPID PRE CONCENTRATE OF GNRH ANALOGUES AND PHARMACEUTICAL COMPOSITION COMPRISING 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 N (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:1020120157583 :28/12/2012 :Republic of Korea :PCT/KR2013/012269 :27/12/2013	 (71)Name of Applicant : 1)CHONG KUN DANG PHARMACEUTICAL CORP. Address of Applicant :8 Chungjeong ro Seodaemun gu Seoul 120 756 Republic of Korea (72)Name of Inventor : 1)YOON Sang Phil 2)KO Ki Seong 3)YU Ha Na 4)BAIK Hye Jung 5)YANG Won Kyu 6)KO Jin Young 7)PARK So Hyun 8)JUNG Sung Bum 9)AN Sung Won 10)KI Min Hyo
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(57) Abstract :

Disclosed is a pharmaceutical composition comprising: a) at least one sorbitan unsaturated fatty acid ester having a polar head with at least two or more OH (hydroxyl) groups; b) at least one phospholipid; c) at least one liquid crystal hardener which is free of an ionizable group and has a triacyl group with 15 to 40 carbon atoms or a carbon ring structure in a hydrophobic moiety; and d) at least one GnRH (gonadotropin releasing hormone) analogue as a pharmacologically active substance wherein said lipid pre concentrate exists as a liquid phase in absence of aqueous fluid and forms into a liquid crystal in presence of aqueous fluid. The pharmaceutical composition is configured to enhance the sustained release of the pharmacologically active substance GnRH analogue.

No. of Pages : 43 No. of Claims : 23

(21) Application No.771/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :18/07/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : DISPENSER FOR GRANULE DEVELOPMENT AFTER MACERATION OF WITHERED LEAF FOR CTC TEA PRODUCTION.

(57) Abstract :

DISPENSER FOR GRANULE DEVELOPMENT AFTER MACERATION OF WITHERED LEAF FOR CTC TEA PRODUCTION A dispenser unit where macerated tea particles may be transformed into grains of desired sizes and grades which comprises of a base frame for accommodating a motor unit and a impeller shaft, wherein the impeller is designed with various blade geometry which with its rotational spiral path movement transforms the particles in roundish shape and the peripheral velocity, number of blade and blade geometry assures the desires size and grade.

No. of Pages : 12 No. of Claims : 3

(21) Application No.1710/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR SCRUBBING GAS IN A CASCADE-TYPE WET SCRUBBER AND A CASCADE SCRUBBER

 (51) International classification (31) Priority Document No (32) Priority Date (32) Priority Date (33) Name of priority country:Finland (86) International Application No Filing Date (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 (61) Patent of Addition (62) Divisional to Application Number Filing Date 	 (71)Name of Applicant : 1)OUTOTEC (FINLAND) OY Address of Applicant :Rauhalanpuisto 9, FI-02230 Espoo FINLAND (72)Name of Inventor : 1)LOUHELAINEN, Harri 2)KIVINEN, Visa 3)SAARENMAA, Jarmo 4)MÄKELÄ, Pasi 5)VEHVILÄINEN, Jouni
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(57) Abstract :

The present invention relates to a method for scrubbing gas in a cascade-type wet scrubber. In the method gas to be cleaned and containing dust and fine impurities is led into a gas distribution chamber (13) of the cascade scrubber (10) through an inlet channel (11). From the gas distribution chamber (13) the gas is led downward through vertical cascade tubes (16) to a water tank (14) from which the purified gas is led to a droplet separator. According to the invention pressurized washing liquid is sprayed through spray nozzles (20, 21, 22) to the gas to be cleaned before and/or after said gas is discharged from the cascade tubes (16). The present invention relates also to a cascade scrubber (10).

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

(21) Application No.1711/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : WATER-BASED COOLANT (51) International (71)Name of Applicant : :C21D1/60,C10M103/00,C10M103/06 classification 1)IDEMITSU KOSAN CO., LTD. (31) Priority Document No :2012-286247 Address of Applicant :1-1, Marunouchi 3-chome, Chiyoda-ku, (32) Priority Date :27/12/2012 Tokyo 1008321 Japan (33) Name of priority (72)Name of Inventor: :Japan country 1)HASEGAWA Mavu (86) International 2)GOTO Masahisa :PCT/JP2013/083055 Application No **3)ICHITANI Katsumi** :10/12/2013 Filing Date 4)NOGUCHI Kenro (87) International :WO 2014/103697 Publication No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to :NA Application Number :NA Filing Date

(57) Abstract :

A water-based coolant comprises at least one inorganic acid salt selected from a carbonate, a hydrogen carbonate, a sesquicarbonate, a phosphate, a borate, a molybdate and a tungstate and a metal corrosion inhibitor. The water-based coolant according to the present invention has high cooling performance and rarely causes the corrosion of a metallic material to be cooled. Therefore, the water-based coolant according to the present invention is suitable as a heat treatment oil or a cutting oil.

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

(21) Application No.1817/KOLNP/2015 A

(19) INDIA

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

(43) Publication Date : 22/01/2016

(54) Title of the invention : ENGINE COOLING FAN COOLING FAN ASSEMBLY AND VEHICLE HAVING SAME

(57) Abstract :

Disclosed is an engine cooling fan, the cooling fan comprising: a first blade shaft (100), a plurality of first blades (110) being provided on the first blade shaft (100); a second blade shaft (200), a plurality of second blades (210) being provided on the second blade shaft (200), and the first blade shaft (100) rotatably embedded within the second blade shaft (200); a drive motor, the drive motor being connected to the first blade shaft (100) to drive the first blade shaft (100) to rotate; and a torsion spring (300), with one end of the torsion spring (300) being connected to the first blade shaft (100) and the other end of the torsion spring (300) being connected to the second blade shaft (200). The cooling fan realizes width adjustable fan blades, meets the requirements of air flow for the engine, and generally reduces the overall fuel consumption of the vehicle. Meanwhile, further disclosed are a cooling fan assembly comprising the above-mentioned engine cooling fan and a vehicle having the cooling fan assembly.

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

(19) INDIA

(22) Date of filing of Application :29/05/2015

(21) Application No.603/KOL/2015 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : LAUNDRY TREATMENT APPARATUS.

(51) International classification	:D06F29/00 D06F39/08 D06F39/12 :10-2014-	 (71)Name of Applicant : 1)LG ELECTRONICS INC. Address of Applicant :128, YEOUI-DAERO, YEONGDEUNGPO-GU, SEOUL 150-721 REPUBLIC OF
(31) Priority Document No	0065884	KOREA
(32) Priority Date		(72)Name of Inventor :
(33) Name of priority country	:Republic of Korea	1)SANG, MINKYU 2)HEO, KWANGCHUL
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 laundry treatment apparatus is disclosed. The apparatus includes a cabinet having an upper surface on which an object is supported,, a drawer adapted to be drawn from the cabinet, a drum disposed in the drawer and defining a space for containing laundry, a driving unit for rotating the drum, a control unit for controlling the driving unit, and a connector unit for allowing the control unit to control operation of the driving unit only when an object is mounted on the upper surface of the cabinet.

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

(21) Application No.1860/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : CABLE CONTACT WEATHER PROTECTION 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 	¹ :PCT/EP2013/075969 :09/12/2013 ¹ :WO 2014/095462 :NA :NA	 (71)Name of Applicant : 1)REICHLE & DE MASSARI AG Address of Applicant :Binzstr. 31, CH-8620 Wetzikon SWITZERLAND (72)Name of Inventor : 1)BLASER, Mathias 2)WINTERHOFF, Hans 3)KEISER, Michael
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(57) Abstract :

The invention relates to a cable contact weather protection device for receiving cable contact points, particularly glass fibre cable contact points, with at least one cable bush sealing unit (30) having at least two separate sealing modules (32, 32a) which are interchangeable independently of one another and are each provided to a enclose at least one elongated body entirely in the circumferential direction, at least in certain portions, in at least one usage state.

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

(21) Application No.1861/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : ONBOARD DEVICE AND METHOD FOR ANALYZING FLUID IN A HEAT ENGINE

Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number NA	lassification 31) Priority Document No 32) Priority Date 33) Name of priority ountry 86) International Application No Filing Date 87) International bublication No 51) Patent of Addition to Application Number Filing Date 52) Divisional to Application Number	:NA :NA	 (71)Name of Applicant : 1)SP3H Address of Applicant :BÃtiment Laennec - BP 40022, Domaine du Petit Arbois, F-13545 Aix-en-Provence Cedex 4 FRANCE (72)Name of Inventor : 1)OBERTI, Sylvain 2)FOURNEL, Johan
Filing Date :NA	Filing Date	:NA	

(57) Abstract :

The invention relates to a method of controlling a product analysis spectrometer, the method comprising steps consisting in: acquiring a measurement (LFL, TPL) representative of the operation of a light source (LS), determining as a function of the measurement a value of supply current (LCx) of the light source, and/or a value of duration of integration (ITy) of photosensitive cells (y) of a sensor (OPS), which are disposed on a path of a light beam (LB) emitted by the light source and having interacted with a product to be analyzed, and if the value of duration of integration and/or of supply current lies between threshold values, providing to the light source a supply current corresponding to the determined value of supply current, adjusting the duration of integration of a photosensitive cell to the determined value of duration of integration, and acquiring measurements of luminous intensity (MSy) which are provided by the sensor, making it possible to form a spectrum.

No. of Pages : 27 No. of Claims : 14

(19) INDIA

(21) Application No.1862/KOLNP/2015 A

(43) Publication Date : 22/01/2016

(22) Date of filing of Application :15/06/2015

(54) Title of the invention : SESSION RECOVERY METHOD DEVICE 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 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04W4/24 :NA :NA :NA :PCT/CN2012/086034 :06/12/2012 :WO 2014/086020 :NA :NA :NA :NA	 (71)Name of Applicant : 1)HUAWEI TECHNOLOGIES CO. LTD. Address of Applicant :Huawei Administration Building Bantian Longgang District Shenzhen Guangdong 518129 China (72)Name of Inventor : 1)HE Guangwei 2)ZHANG Jing 3)QING Hua 4)WANG Yufang
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(57) Abstract :

The present invention provides a session recovery method a device and a system. The method comprises: a standby PCRF receiving a CCR U message sent by a PCEF wherein the CCR U message is sent after the PCEF determines that a session needs to be updated; and the standby PCRF re establishing the session according to the CCR U message and making a PCC policy decision. Embodiments of the present invention can reduce a signaling interaction overhead and improve a signaling processing capability of the standby PCRF.

No. of Pages : 40 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :16/06/2015

(21) Application No.1867/KOLNP/2015 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : POLYTETRAFLUOROETHYLENE AQUEOUS DISPERSION AND POLYTETRAFLUOROETHYLENE FINE POWDER

(51) Intermetic nel alegaification	C09E14/2C	(71)Nama of Annikaant
(51) International classification	:C08F14/26	(71)Name of Applicant :
(31) Priority Document No	:61/731921	1)DAIKIN INDUSTRIES LTD.
(32) Priority Date	:30/11/2012	Address of Applicant : Umeda Center Building 4 12 Nakazaki
(33) Name of priority country	:U.S.A.	Nishi 2 Chome Kita Ku Osaka Shi Osaka 5308323 Japan
(86) International Application No	:PCT/JP2013/082382	(72)Name of Inventor :
Filing Date	:02/12/2013	1)NANBA Yoshinori
(87) International Publication No	:WO 2014/084399	
(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 purpose of the present invention is to provide: a polytetrafluoroethylene aqueous dispersion which includes extremely fine polytetrafluoroethylene particles and which exhibits excellent dispersion stability; and an extremely fine polytetrafluoroethylene fine powder. This polytetrafluoroethylene aqueous dispersion includes polytetrafluoroethylene particles including either tetrafluoroethylene units or tertrafluorethylene units and modified monomer units based on a modified monomer that is copolymerizable with the tetrafluoroethylene said polytetrafluoroethylene aqueous dispersion being characterized in that the polytetrafluoroethylene particles have a volume average particle size of at least 0.1 nm but less than 20 nm.

No. of Pages : 46 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :16/06/2015

(21) Application No.1868/KOLNP/2015 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : VE	HICLE	
 (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 	:B62K5/05,B62K5/027,B62K5/08 :2012277219 :19/12/2012 :Japan :PCT/JP2013/084148 :19/12/2013 :WO 2014/098198 :NA :NA :NA	 (71)Name of Applicant : 1)YAMAHA HATSUDOKI KABUSHIKI KAISHA Address of Applicant :2500 Shingai Iwata shi Shizuoka 4388501 Japan (72)Name of Inventor : 1)TAKANO Kazuhisa

(57) Abstract :

The objective of the present invention is to provide a vehicle which is equipped with an inclinable body frame and two front wheels and which can maintain the performance of a link mechanism while inhibiting the enlargement of a structure around the steering shaft above the two front wheels. A vehicle (1) is equipped with an inclinable body frame and a right front wheel and a left front wheel. An upper cross part and a lower cross part of a link mechanism (5) each include components of a piece the right end part and the left end part of which are supported by side parts and the middle part of which is supported by the body frame. The volumes of the upper cross part (51) and the lower cross part (52) are different. In this vehicle (1) the amounts (X1 X2) of upper displacement when the lower cross part (51) is equal to the amounts (X3 X4) of lower displacement when the upper cross part (51) is detached and rearwards test force is applied to a lower right bearing supporting the lower cross part (52).

No. of Pages : 99 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :29/05/2015

(21) Application No.606/KOL/2015 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : LAUNDRY TREATMENT APPARATUS.

(51) International classification	D06F39/08 D06F39/12	(71)Name of Applicant : 1)LG ELECTRONICS INC. Address of Applicant :128, YEOUI-DAERO,
(31) Priority Document No	:10-2014- 0065883	YEONGDEUNGPO-GU, SEOUL 150-721 REPUBLIC OF KOREA
(32) Priority Date	:30/05/2014	(72)Name of Inventor :
(33) Name of priority country	:Republic of Korea	1)SEO, JINWOO 2)LEE, JIHONG
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 laundry treatment apparatus is disclosed. The apparatus includes a cabinet, a drawer retractably provided in the cabinet and having an introduction, port, a tub body provided in the drawer, the tub body having a space for containing washing water and an open upper surface, a drum rotatably provided in the tub body, the drum having a space for containing laundry and an open upper surface, a tub cover including a tub introduction port for connecting the introduction port to the drum and fixed to the upper surface of the tub body, a door rotatably hinged to the tub cover to open and close the tub introduction port, and a sealing unit provided at the door to seal the tub introduction port.

No. of Pages : 41 No. of Claims : 13

(21) Application No.1832/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND SYSTEM FOR VIRTUALIZING LAYER-3 (NETWORK) ENTITIES

 (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 	:61/736,894 :13/12/2012 :U.S.A. :PCT/US2013/073970 :10/12/2013 :WO 2014/093264 :NA :NA	 (71)Name of Applicant : 1)ZTE (USA) INC. Address of Applicant :2425 N. Central Expressway, Suite 323, Richardson, TX 75080 UNITED STATES OF AMERICA. (72)Name of Inventor : 1)KHASNABISH, Bhumip
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for virtualizing the commonly used network (ISO layer-3) entities is described. The entities include router, routing/topology database, firewall, load balancer, etc. The virtualization paradigm helps network-aware services and devices to be more effective, and it is equally attractive for service-/device-aware networks. In terms of using the network entities, the Applications and Services can utilize either virtual entities or physical entities or a combination of both in order to gracefully support service experience, overload and faults, seamlessly.

No. of Pages : 13 No. of Claims : 39

(22) Date of filing of Application :12/06/2015

(19) INDIA

(21) Application No.1833/KOLNP/2015 A

(43) Publication Date : 22/01/2016

(51) International classification :B66B19/00,B66B1/24 (71)Name of Applicant : (31) Priority Document No **1)KONE CORPORATION** :NA (32) Priority Date :NA Address of Applicant : P.O.Box 677, FI-05801 Hyvinkää (33) Name of priority country FINLAND :NA (86) International Application No :PCT/FI2013/050018 (72)Name of Inventor: Filing Date :09/01/2013 1)RAMAKRISHNAN, Narendran (87) International Publication No 2)BANGARU, Muralikrishnan :WO 2014/108594 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : METHOD AND SYSTEM FOR MODERNIZING AN ELEVATOR INSTALLATION

(57) Abstract :

The object of the invention is a method and a system for modernizing an elevator installation comprising two or more elevators. The system comprises an unmodernized elevator (1A, 1B, 1C), one or more call-giving devices (3, 13, 13), a new group controller (2), which is connected to the elevator installation for allocating an elevator call to be given with a call-giving device (3, 13, 13) to be served by an elevator (1A, 1B, 1C, 1C) belonging to the elevator installation, and also a measuring device (4), which is configured to measure an operating parameter (5A, 5B, 5C) of an unmodernized elevator (1A, 1B, 1C). The aforementioned measuring device (4) is connected to the new group controller (2) for communicating the aforementioned operating parameter (5A, 5B, 5C) to the new group controller (2).

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

(21) Application No.1834/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : COMBINED MEDICAL DEVICE WITH SLIDING FRONTAL ATTACHMENT AND RETRACTABLE NEEDLE

 (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 	:A61M5/32 :14/020,465 :06/09/2013 :U.S.A. :PCT/US2013/072244 :27/11/2013 :WO 2015/034549 :NA :NA	 (71)Name of Applicant : 1)RETRACTABLE TECHNOLOGIES, INC. Address of Applicant :511 Lobo Lane, Little Elm, TX 75068 UNITED STATES OF AMERICA. 2)SHAW, Thomas, J. (72)Name of Inventor : 1)SHAW, Thomas, J. 2)SMALL, MARK 3)ZHU, NI
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

A medical device having a frontal attachment and a connector housing having at least a body part of an associated medical apparatus, the frontal attachment slidably engaging the connector housing and having a forwardly projecting, rearwardly biased needle and a needle retraction assembly, and the connector housing having a needle retraction cavity laterally offset from the needle in a first position, the needle retraction cavity being selectively movable relative to the frontal attachment following use to reposition the needle retraction cavity into alignment with the needle to permit retraction.

No. of Pages : 57 No. of Claims : 27

(21) Application No.1874/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : NUTRIENT COMBINATION PROCESS AND SYSTEM FOR ENHANCING BIOGENIC METHANE PRODUCTION FROM A CARBONACEOUS MATERIAL

 (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 :C09K8/582,C12P5/02,E21B43/22 :2012905563 :19/12/2012 :Australia :PCT/AU2013/001486 :19/12/2013 :WO 2014/094053 :NA :NA :NA	 (71)Name of Applicant : 1)COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION Address of Applicant :Limestone Avenue Campbell Australian Capital Territory 2612 Australia (72)Name of Inventor : 1)HENDRY Philip 2)MIDGLEY David
Filing Date	:NA	

(57) Abstract :

2xx2A nutrient combination for enhancing biogenic methane production from a carbonaceous material is described. The nutrient combination comprises a source of phosphorus (P) and gaseous nitrogen (N). The nutrient combination is preferably substantially fee of gaseous oxygen and/or gaseous NO and/or SO. In various embodiments the nutrient combination may comprise a two phase mixture of a solution of the soluble source of phosphorus (P) and gaseous nitrogen (N). A process for enhancing biogenic methane production from a carbonaceous material is also described. The process involves dispersing the nutrient combination of the invention throughout the carbonaceous material for a period of time to biogenically produce methane and subsequently collecting methane from the carbonaceous material.

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

(21) Application No.1847/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/06/2015

(54) Title of the invention : ORAL TRANSMUCOSAL DRUG DELIVERY 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 Filing Date 	:A61K47/44 :61/726,475 :14/11/2012 :U.S.A. :PCT/US2013/070162 :14/11/2013 :WO 2014/078576 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ABON PHARMACEUTICALS, LLC Address of Applicant :140 Legrand Ave., Northvale, NJ 07647 UNITED STATES OF AMERICA. 2)AHMED, SALAH, U 3)ZU, YANMING 4)NEELAM, KARUNAKAR 5)MUNTAZIM, SAAD 6)CHOWDHURY, TAHSEEN, A 7)TIAN, SHIYING (72)Name of Inventor : 1)AHMED, Salah, U. 2)ZU, Yanming 3)NEELAM, Karunakar 4)MUNTAZIM, Saad 5)CHOWDHURY, Tahseen, A. 6)TIAN, Shiying
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(57) Abstract :

This invention relates to dosage forms for the delivery of drugs across the oral mucosa having improved transmucosal permeability. More specifically, the invention relates to an oral transmucosal dosage form comprising a primary vehicle comprising a crystallization inhibition agent (CIA) system and a drug, and a secondary vehicle. It also relates to methods of designing and making this dosage form, methods of administering this dosage form and methods of packaging the dosage forms.

No. of Pages : 141 No. of Claims : 47

(21) Application No.1848/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : THERMOELECTRIC DEVICE AND METHOD OF MAKING SAME

(51) International classification	:H01L35/08,H01L35/32	(71)Name of Applicant :
(31) Priority Document No	:13/678,708	1)MICROPOWER GLOBAL LIMITED
(32) Priority Date	:16/11/2012	Address of Applicant : Williams Building, 20 Reid Street, PO.
(33) Name of priority country	:U.S.A.	Box Hm 1008, Hamilton, HM 11 BERMUDA
(86) International Application No	:PCT/US2013/069948	(72)Name of Inventor :
Filing Date	:13/11/2013	1)ZIRKLE, Thomas, E.
(87) International Publication No	:WO 2014/078453	2)GARDNER, Robert, M. (DECEASED)
(61) Patent of Addition to Application	:NA	3)KILBOURN, Robert, S.
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A thermoelectric device, module, and system, and method for and method for making is provided. The thermoelectric device (200) having a first and second elements (202 and 204). The first and second elements (202 and 204) having first and second portions (206 and 208), and third and fourth portions (212 and 214) with first and second regions (210 and 216) connected between the first and second portions (206 and 208) and third and fourth portions (112 and 114), respectively. The first and second portions (206 and 208) and third and fourth portions (112 and 114), respectively. The first and second portions (206 and 208) and third and fourth portions (212 and 214) with first and second portions (206 and 208) and third and fourth portions (212 and 214) are electrically coupled though regions (210 and 216) and with thermal conductance between first and second portions (206 and 208) and third and fourth portions (212 and 214) being inhibited by regions (110 and 116), respectively. Thermoelectric element (203) having first and second electrodes (219, 221), wherein electrode (221) of the thermoelectric element (103) is electrically and thermally coupled to portion (208) and wherein the electrode (119) is electrically and thermally coupled to portion (208).

No. of Pages : 70 No. of Claims : 34

(21) Application No.1849/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : EXHAUST GAS PURIFICATION 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 	:B01D53/94,F01N3/08,F01N3/24 :2012252472 :16/11/2012 :Japan :PCT/JP2013/074798 :13/09/2013 :WO 2014/077023	 (71)Name of Applicant : 1)FUTABA INDUSTRIAL CO. LTD. Address of Applicant :1 Aza ochaya Hashime cho Okazaki shi Aichi 4448558 Japan (72)Name of Inventor : 1)NAGATA Yoshinobu 2)UMENO Yasufumi
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract :

An exhaust gas purification device is provided with: a catalyst that is provided downstream from an enlarged diameter flow path in an exhaust gas flow path; a diffusing member that is provided upstream from the enlarged diameter flow path in the exhaust gas flow path and that causes exhaust gas that has flowed in from upstream to flow out so that said exhaust gas is diffused toward the enlarged diameter flow path; a supply device that supplies a reducing agent upstream from the diffusing member in the exhaust gas flow path; and a guiding member that is provided upstream from the diffusing member either at a flow mixing position in the exhaust gas flow path where the reducing agent and the exhaust gas mix or at a position downstream from the flow mixing position and that splits the flow of the reducing agent that has flowed in from upstream into a plurality of flows and guides said flows toward the diffusing member.

No. of Pages : 46 No. of Claims : 10

(21) Application No.1749/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : ANTI-CEACAM5 ANTIBODIES AND USES THEREOF

(51) International classification:C07K16/30,A61K39/395,A61(31) Priority Document No:12306444.6(32) Priority Date:20/11/2012(33) Name of priority country:EPO(86) International Application No Filing Date:PCT/EP2013/074291 :20/11/2013(87) International Publication No (61) Patent of Addition to Application Number Filing Date:WO 2014/079886(62) Divisional to Filing Date:NA :NA(57) Abstract i:NA	 (71)Name of Applicant : (71)Name of Applicant : 54 rue La Boétie, F-75008 Paris FRANCE (72)Name of Inventor : (72)Name of Inventor : (72)BLANCHE, Pierre-Francois 2)BLANCHE, Francis 3)BOUCHARD, Hervé 4)CAMERON, Béatrice 5)DABDOUBI, Tarik 6)DECARY, Stéphanie 7)FERRARI, Paul 8)RAK, Alexey
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(57) Abstract :

The present disclosure discloses antibodies which bind human and Macaca fascicularis CEACAM5 proteins, as well as isolated nucleic acids, vectors and host cells comprising a sequence encoding said antibodies. The disclosure also discloses immunoconjugates comprising said antibodies conjugated or linked to a growth-inhibitory agent, and to pharmaceutical compositions comprising antibodies, or immunoconjugates of the disclosure. The antibodies or immunoconjugates of the disclosure are used for the treatment of cancer or for diagnostic purposes.

No. of Pages : 160 No. of Claims : 39

(21) Application No.1858/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : RECOGNITION OF CELLULAR TARGET BINDING BY A BIOACTIVE AGENT USING INTRACELLULAR BIOLUMINESCENCE RESONANCE ENERGY TRANSFER

 (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 	:G01N33/52,C07D491/22,C07D491/147 :61/736,429 :12/12/2012 :U.S.A. :PCT/US2013/074765 :12/12/2013 :WO 2014/093677 O:NA :NA :NA	 (71)Name of Applicant : PROMEGA CORPORATION Address of Applicant :2800 Woods Hollow Road, Madison, Wisconsin 53711 UNITED STATES OF AMERICA. (72)Name of Inventor : HITKO, Carolyn W. KIRKLAND, Thomas MACHLEIDT, Thomas OHANA, Rachel F. ROBERS, Matt WOOD, Keith
8		1

(57) Abstract :

The present invention provides compositions and methods for detection and analysis of intracellular binding of a bioactive agent to a cellular target. In particular, provided herein are bioactive agents tethered to fluorophores, cellular targets fused to bioluminescent reporters, or portions, components, or subunits of bioluminescent reporters, and methods of detecting and analyzing the interaction of bioactive agents with cellular targets therewith.

No. of Pages : 107 No. of Claims : 16

(21) Application No.1859/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/06/2015

(43) Publication Date : 22/01/2016

(51) International classification	:G01J3/00	(71)Name of Applicant :
(31) Priority Document No	:14/276,580	1)INTUIT INC.
(32) Priority Date	:13/05/2014	Address of Applicant :2700 COAST AVENUE, MOUNTAIN
(33) Name of priority country	:U.S.A.	VIEW, CALIFORNIA 94043 UNITED STATES OF AMERICA.
(86) International Application No	:PCT/US2014/038394	(72)Name of Inventor :
Filing Date	:16/05/2014	1)JOSEPH, SONY
(87) International Publication No	: NA	2)IZRAILEVSKY, ILYA A
(61) Patent of Addition to Application	:NA	3)TRIPATHY, SUNIL K
Number	:NA	
Filing Date	.114	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : RANKING AUTOCOMPLETE RESULTS BASED ON A BUSINESS COHORT

(57) Abstract :

During this autocomplete technique, autocomplete results for data-entry information from a user are ranked based on financialtransaction histories of a group of entities and the user, where the group of entities and the user belong to a common business cohort. In particular, the business cohort may include entities that: are located proximate to the user, have a similar size as a business associated with the user (such as a similar number of employees and/or similar revenue), and/or occur frequently in a financialtransaction history of the user (and dont occur frequently in the financial-transaction histories of the group of entities). The ranking may be used to increase the accuracy or relevance of the autocomplete results to the user. For example, the ranking may give preference in the autocomplete results to entities in the group of entities (relative to other entities, such as those in different business cohorts).

No. of Pages : 24 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :14/07/2014

(43) Publication Date : 22/01/2016

(54) Title of the invention : INTRODUCING BESSEL FILTER FOR THE IMPROVEMENT PURPOSE OF THE VEHICLE MUFFLER.

(51) International classification:F01N(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No:NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAFiling Date:NAFiling Date:NAFiling Date:NA	 (71)Name of Applicant : 1)PARICHAY DAS Address of Applicant :C/O, PRADIP KUMAR DAS, VIVEKANANDAPALLI QUIKOTA, P.OMIDNAPORE, DISTPASCHIM MEDINIPUR, PIN721101, WEST BENGAL, INDIA 2)SABYASACHI MUKHOPADHYAY 3)DR. ASISH MITRA (72)Name of Inventor : 1)SABYASACHI MUKHOPADHYAY 2)PARICHAY DAS 3)DR. ASISH MITRA
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(57) Abstract :

For the reduction of the noise level purpose, the suitable and developed design of a vehicle muffler is very helpful. The Bessel filter, which is nothing but an Infinite Impulse Response (IIR) filter in nature, is introduced to check response over a cylindrical pipe structure used. For designing purpose of the highly developed non-linear phase analog filters, the Bessel filter is required. Using Bessel Filter, Sound pressure propagation performance in a duct with circular cross section can easily be reduced. In the current Invention, it is stated to determine the sound pressure level in a vehicle muffler due to the sound field propagation. But at first the Bessel filter response is to be shown for that particular cross section case. It is successfully observed that the successful vehicle muffler response characterization can be done by the Bessel filter which will be helpful for the noise purpose.

No. of Pages : 5 No. of Claims : 1

(21) Application No.1844/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : A 1,3-DIIODOHYDANTOIN COMPOUND (51) International classification :C07D 233/82 (71)Name of Applicant : (31) Priority Document No 1)NIPPOH CHEMICALS CO., LTD. :2005-255557 (32) Priority Date :02/09/2005 Address of Applicant :8-15, 4-CHOME, NIHONBASHI-(33) Name of priority country HONCHOU, CHUO-KU, TOKYO JAPAN :Japan (86) International Application No :PCT/JP2006/317113 (72)Name of Inventor : Filing Date :30/08/2006 1)INOUE, KAZUHISA (87) International Publication No 2)HANAMURA, YUKIHIKO :WO/2007/026766 (61) Patent of Addition to Application 3)MIYAZAWA, TAKAAKI :NA Number :NA Filing Date (62) Divisional to Application Number :858/KOLNP/2008 Filed on :27/02/2008

(57) Abstract :

A 1, 3-diiodohydantoin compound, wherein content of released I2 is 1% by mass or less.

No. of Pages : 24 No. of Claims : 3

(21) Application No.1845/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : COMPOSITION AND METHOD FOR SUSTAINED RELEASE OF AGRICULTURAL MACRONUTRIENTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:C05C 11/00 :NA :NA :NA	 (71)Name of Applicant : 1)SRI LANKA INSTITUTE OF NANOTECHNOLOGY (PVT) LTD Address of Applicant :LOT 14, ZONE 1, BIYAGAMA EXPORT PROCESSING ZONE, WALGAMA, MALWANA SRI
(86) International Application No Filing Date	:PCT/IB2012/057080 :07/12/2012	LANKA (72) Name of Inventor :
(87) International Publication No (61) Patent of Addition to Application	:WO 2014/087202	1)KOTTEGODA, NILWALA 2)PRIYADHARSHANA, GAYAN
Number Filing Date	:NA :NA	2)PKI I ADHAKSHANA, GA I AN 3)SANDARUWAN, CHANAKA 4)DAHANAYA, DAMAYANTHI
(62) Divisional to Application Number Filing Date	:NA :NA	5)GUNASEKARA, SUNANDA 6)AMARATUNGA, A. J.GEHAN 7)KARUNARATNE, VERANJA

(57) Abstract :

A fertilizer composition wherein a nitrogen containing macronutrient is adsorbed on the surface of hydroxyapatite phosphate nanoparticles. Said fertilizer composition slowly releases the nitrogen containing macronutrient to soil.

No. of Pages : 48 No. of Claims : 19

(21) Application No.1846/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD AND APPARATUS FOR A MODIFIED HARQ PROCEDURE AFTER A RECEIVER OUTAGE EVENT

(51) International classification	:H04L1/00	(71)Name of Applicant :
(31) Priority Document No	:61/737,047	1)ZTE WISTRON TELECOM AB
(32) Priority Date	:13/12/2012	Address of Applicant : Kista Science Tower, 19tr., Farogatan
(33) Name of priority country	:U.S.A.	33, S-164 51 Kista SWEDEN
(86) International Application No	:PCT/US2013/074489	2)ZTE (TX) INC.
Filing Date	:11/12/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2014/093547	1)SVEDMAN, Patrick
(61) Patent of Addition to Application	:NA	2)JOHANSSON, Jan
Number	:NA :NA	3)SCHIER, Thorsten
Filing Date	.NA	4)HADJISKI, Bojidar
(62) Divisional to Application Number	:NA	5)CAO, Aijun
Filing Date	:NA	6)GAO, Yonghong

(57) Abstract :

A system and method of responding to a receiver outage event, which includes: determining if a receiver outage event has occurred; if a receiver outage event has occurred, discarding soft bits that were corrupted due to the outage event; and if a received first redundancy version (RV) of coded bits corrupted by the outage event was decoded incorrectly, sending a message to a transmitter in response to the outage event, and thereafter receiving a second RV of coded bits retransmitted by the transmitter in response to the message.

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

(19) INDIA

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

(21) Application No.1826/KOLNP/2015 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : THERMO VA	ALVE	
 (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 	:F16K31/68 :2013-015978 :30/01/2013 :Japan	 (71)Name of Applicant : 1)NIPPON THERMOSTAT CO., LTD. Address of Applicant :59-2, Nakazato 6-Chome, Kiyose-shi, Tokyo 2040003 JAPAN (72)Name of Inventor : 1)YAJIMA Noriyasu

(57) Abstract :

[Problem] To provide a thermo valve for which the number of components is minimized, the structure is simplified and reduced in size, the weight is reduced, and having smooth operability and improved durability. [Solution] A valve chamber (12) is provided within a housing (1) and communicating with a first flow path (21) via an aperture (23). A second flow path (13) and a third flow path (14) are provided opening into this valve chamber. Furthermore, within this valve chamber are provided a thermo element (15), which is arranged so as to be capable of advancing and retreating in the axial direction and which operates in response to the fluid temperature, thereby opening or closing the connection between the second and third flow paths, and a coil spring (18), which biases this thermo element in the direction in which the flow path is closed. A valve body (24) is provided in the aperture connecting the first flow path and the third flow path (which communicates with the valve chamber). This valve body serves as a bypass valve (22) that opens and closes the aforementioned aperture, enabling the first and third flow paths to be connected when the aperture is open, and this valve body also serves as a spring means that biases the coil spring in the direction in which the flow path is closed.

No. of Pages : 21 No. of Claims : 4

(21) Application No.1827/KOLNP/2015 A

(19) INDIA

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

(43) Publication Date : 22/01/2016

(54) Title of the invention : ORGANIC RESIN BEARING CYCLIC CARBONATE GROUPS AND AQUEOUS DISPERSION FOR CROSSLINKED POLYURETHANES

 (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 	:C09D133/14,C08J3/07,C08G71/04 :1262301 :19/12/2012 :France ¹ :PCT/FR2013/053154 :18/12/2013 :WO 2014/096696 :NA :NA	 (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)PIERRE, Aurélie 2)DELMAS, Gregory 3)COGORDAN, Frank 4)BETREMIEUX, Isabelle
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(57) Abstract :

The invention relates first to an organic resin which comprises in the overall composition thereof structural units resulting from: a) at least one ethylenically unsaturated monomer bearing a cyclic carbonate group b) at least one ethylenically unsaturated monomer bearing at least one carboxylic acid group c) at least one ethylenically unsaturated monomer of hydrophobic nature having a hydrophobicity value estimated via the logarithm of the partition coefficient between octanol and water of at least 3 d) optionally at least one other ethylenically unsaturated monomer other than said monomers a) b) or c) and bearing no group capable of reacting with a carbonate or carboxylic acid group but also no group capable of reacting with a functional group of another monomer of which said resin is composed wherein any crosslinking reaction in the preparation of said resin is excluded wherein said resin has overall: an acid number of at least 10 mg KOH/g relative to the dry resin and a content of cyclic carbonate groups ranging from 0.5 to 3.5 mmol/g relative to the dry resin. The invention also relates to an aqueous dispersion of said resin and a preparation process and to a crosslinkable aqueous composition comprising said resin or dispersion and a polyamine. The resin is used for the preparation of crosslinked polyurethanes without the use of polyisocyanate in particular in high performance aqueous coatings.

No. of Pages : 41 No. of Claims : 34

(21) Application No.1752/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : SERVICE PROTECTION METHOD OPTICAL LINE TERMINAL AND SYSTEM IN PASSIVE OPTICAL NETWORK

(51) International classification	:H04L12/24	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HUAWEI TECHNOLOGIES CO. LTD.
(32) Priority Date	:NA	Address of Applicant :Huawei Administration Building
(33) Name of priority country	:NA	Bantian Longgang District Shenzhen Guangdong 518129 China
(86) International Application No	:PCT/CN2012/086996	(72)Name of Inventor :
Filing Date	:20/12/2012	1)PU Yun
(87) International Publication No	:WO 2014/094268	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed are a service protection method optical line terminal and system in a passive optical network relating to the field of communications which not only can realize service protection after the failure of a working link between a first OLT and a switching device but can also realize service protection after the failure of a second VLAN service channel thereby being able to ensure normal access of service data. The specific solution is: a second VLAN service channel is provided between a second OLT and a switching device when a main link breaks down the second OLT executes main standby switching and receives service data from an ONT and the service data is sent to the switching device via the second VLAN service channel. The present invention is used in a dual homing protection process among network device nodes.

No. of Pages : 36 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :09/06/2015

(43) Publication Date : 22/01/2016

(21) Application No.1753/KOLNP/2015 A

(51) International classification	:C07D471/04	(71)Name of Applicant :
(31) Priority Document No	:PV 2012784	1)ZENTIVA K.S.
(32) Priority Date	:13/11/2012	Address of Applicant :U Kabelovny 130 102 37 Praha 10
(33) Name of priority country	:Czech Republic	Czech Republic
(86) International Application No	:PCT/CZ2013/000149	(72)Name of Inventor :
Filing Date	:12/11/2013	1)HEJTMANKOVA Ludmila
(87) International Publication No	:WO 2014/075648	2)JIRMAN Josef
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : A METHOD OF PREPARING APIXABAN

(57) Abstract :

HcHThe object of the present solution provides a method preparing apixaban of formula (I) in which ethyl 6 (4 iodophenyl) 1 (4 methoxyphenyl) 7 oxo 4 5 6 7 tetrahydro 1 pyrazolo [3 4]pyridine 3 carboxylate of formula (III) is reacted with piperidin 2 one of formula (IV) in the presence of a base and a ligand and under catalysis by copper or by copper (II) ions wherein a phosphoric acid salt is used as the base and an amine from the group of 1 2 diamines is used as the ligand in an aprotic solvent and ethyl 1 (4 methoxyphenyl) 7 oxo 6 [4 (2 oxo 1 piperidin 1 yl)phenyl] 4 5 6 7 tetrahydro 1 pyrazol [3 4 c]pyridine 3 carboxylate is prepared which is converted by reaction with ammonia in a suitable solvent to apixaban of formula (I) which is isolated and optionally crystallized.

No. of Pages : 20 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :16/06/2015

(21) Application No.1869/KOLNP/2015 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : BELL SHAPE	ED CUTTER	
 (54) Title of the invention : BELL SHAPE (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 	:B23C5/14,B23C3/34 :10 2012 111 401.3 :26/11/2012 :Germany	(71)Name of Applicant : 1)WALTER AG Address of Applicant :Derendinger Straße 53 72072 Tübingen Germany (72)Name of Inventor : 1)SCHÄDLE Walter
Filing Date	:NA	

(57) Abstract :

The invention relates to a bell shaped cutter for producing preferably profiled curved grooves said cutter having a circular disk shaped main body (1) and a plurality of cutting inserts (2) extending substantially perpendicular to the plane of the main body which inserts are arranged one after another along a circular path about the centre of the main body in the peripheral direction and are releasably mounted on the main body. In order to produce a bell shaped cutter with the features specified above which allows simplified and more cost effective production of curved grooves without needing to dispense with the precise arrangement and alignment of the cutting plates of the known bell shaped cutters according to the invention positioning devices are provided on the main body which devices allow the cutting inserts to be mounted on the main body at a plurality of different distances from one another.

No. of Pages : 31 No. of Claims : 11

(21) Application No.1764/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : CALIBRATION APPARATUS, PROJECTOR AND CALIBRATION METHOD

(51) International classification	:H04N5/74,G01B11/00,G01B11/26	(71)Name of Applicant : 1)RICOH COMPANY, LTD.
(31) Priority Document No	:2012-286438	Address of Applicant :3-6, Nakamagome 1-chome, Ohta-ku,
(32) Priority Date	:28/12/2012	Tokyo, 1438555 JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/JP2013/085306 :24/12/2013	1)HARA, Takayuki
(87) International Publication No	:WO 2014/104383	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A calibration apparatus for calibrating a projection unit projecting light rays includes an imaging unit for taking an image of a surface of an object having a location and an attitude the light rays being projected onto the surface by the projection unit; a location and attitude estimation unit for estimating the location and the attitude of the surface based on the image; a reflection point estimation unit for estimating based on the estimated location and the attitude a reflection point at which one of the light rays is reflected by the surface; and an identification unit for identifying both a passing point that the one of the light rays passes and a direction in which the one of the light rays passes the passing point or identifying only the direction based on multiple reflection points that are obtained by the reflection point estimation unit with respect to multiple different locations and/or multiple different attitudes of the surface.

No. of Pages : 63 No. of Claims : 20

(21) Application No.1875/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : NUTRIENT COMPOSITION PROCESS AND SYSTEM FOR ENHANCING BIOGENIC METHANE PRODUCTION FROM A CARBONACEOUS MATERIAL

(57) Abstract :

A nutrient composition for enhancing biogenic methane production from a carbonaceous material is described. The nutrient composition comprises a source of phosphorus (P) and a source of nitrogen (N) wherein the molar ratio of phosphorus to nitrogen (P/N) is greater than 1.5 and the nitrogen concentration is at least 0.1 m M and less than 1.7 m M. A process for enhancing biogenic methane production from a carbonaceous material is also described. The process involves contacting the nutrient composition of the invention with the carbonaceous material for a period of time to biogenically produce methane and subsequently collecting methane from the carbonaceous material. The process may further comprise contacting the carbonaceous material with a second nutrient composition has a P/N molar ratio greater than the P/N molar ratio of the former nutrient composition.

No. of Pages : 31 No. of Claims : 28

(21) Application No.1876/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : IMMUNOGENIC COMPOSITION COMPRISING ELEMENTS OF C. DIFFICILE CDTB AND/OR CDTA PROTEINS

 (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	:A61K39/08 :1223342.5 :23/12/2012 :U.K. :PCT/EP2013/077762 :20/12/2013 :WO 2014/096393 :NA :NA	 (71)Name of Applicant : 1)GLAXOSMITHKLINE BIOLOGICALS S.A. Address of Applicant :Rue de L'Institut 89, B-1330 Rixensart BELGIUM (72)Name of Inventor : 1)CASTADO, Cindy
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to immunogenic compositions comprising isolated Clostridium difficile CDTb and/or CDTa protein. In particular the isolated Clostridium difficile CDTb protein is suitably a truncated CDTb protein comprising the receptor binding domain or a mutated CDTb protein incapable of binding to CDTa, and the isolated Clostridium difficile CDTa protein is suitably a truncated CDTa protein also relates to fusion proteins comprising a CDTa protein and a CDTb protein and also fusion proteins between an isolated Clostridium difficile toxin A protein and/or an isolated Clostridium difficile toxin B protein fused to a CDTb protein. The invention further relates to compositions comprising fragments or variants of SEQ ID NO:3, SEQ ID NO:7, SEQ ID NO:16, SEQ ID NO:9, SEQ ID NO:51, SEQ ID NO:34, SEQ ID NO:36, SEQ ID NO:50, SEQ ID NO:14, SEQ ID NO:15, SEQ ID NO:46, SEQ ID NO:48, SEQ ID NO:52, SEQ ID NO:54, SEQ ID NO:40, SEQ ID NO:41 or SEQ ID NO:42 or SEQ ID NO:43 or SEQ ID NO:44 or SEQ ID NO:45.

No. of Pages : 159 No. of Claims : 58

(21) Application No.1809/KOLNP/2015 A

(19) INDIA

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

(43) Publication Date : 22/01/2016

(54) Title of the invention : BIARYL OR HETEROCYCLIC BIARYL SUBSTITUTED CYCLOHEXENE DERIVATIVE COMPOUNDS AS CETP INHIBITORS

(57) Abstract :

The present invention provides biaryl- or heterocyclic biaryl-substituted cyclohexene derivative compounds, isomers thereof, or pharmaceutically acceptable salts. The compounds of the invention show a CETP inhibitory effect that increases HDL-cholesterol levels and reduces LDL-cholesterol levels. Pharmaceutical compositions comprising the compounds are useful for the prevention or treatment of dyslipidemia or dyslipidemia-related diseases.

No. of Pages : 340 No. of Claims : 11

(21) Application No.1783/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : METHOD FOR PROTECTING A PASSENGER AND ARRANGEMENT CONSISTING OF A FOLDING TABLE AND A SEAT SCREEN

 (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) International Application No (35) International Application No (36) International Publication No (37) International Publication No (38) International Publication No (39) Addition to Application (30) Name of Inventor : (31) HOMMEL Peter (31) HABICH Christian (31) HABICH Christian (4) LIEBE JÃrg (5) POETZSCH Patrick (6) WALLIS Eckart
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(57) Abstract :

To increase the safety of a passenger in a means of transport and to better protect the passenger from a seat screen 18 wherein a foldable table 16 and at least one seat screen 18 arranged above the folding table 16 are provided in front of the passenger and the folding table 16 has a first folded position when the folding table 16 is not in use and a second folded position for using the table 16 which is pivoted with respect to the first folded position through approximately 90° the method is characterized in that at least a part 22 of the folding table 16 can be moved in front of the seat screen 18 in order to protect the passenger from the screen 18. A corresponding arrangement is also provided.

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

(21) Application No.1784/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : FABRIC FOR AIR BAG

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:D03D1/02,B60R21/235,D06C15/08 :2012274767 :17/12/2012 y:Japan :PCT/JP2013/083761 :17/12/2013	 (71)Name of Applicant : 1)ASAHI KASEI FIBERS CORPORATION Address of Applicant :3 23 Nakanoshima 3 chome Kita ku Osaka shi Osaka 5308205 Japan (72)Name of Inventor : 1)ISE Fumiaki
(87) International Publication	¹ :WO 2014/098083	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The purpose of the present invention is to provide a fabric for an air bag that during high pressure deployment at high speed maintains low air permeability as an air bag and is capable of maintaining the low air permeability even after exposure to heat. This fabric for an air bag comprises a synthetic fiber and is characterized by the contact angle in an intersection section in which the warp thread and the weft thread come in contact in the cross section of the fabric is at least 80° in both the warp thread direction and the weft thread direction.

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

(19) INDIA

(22) Date of filing of Application :10/06/2015

(21) Application No.1785/KOLNP/2015 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : CELL CULT	JRE MED	
 (54) Title of the invention : CELL CULTU (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 	:C12N5/00 :12007711.0 :14/11/2012 :EPO :PCT/EP2013/003441 :14/11/2013 :WO 2014/075807 :NA	 (71)Name of Applicant : 1)MERCK PATENT GMBH Address of Applicant :Frankfurter Strasse 250 64293 Darmstadt Germany (72)Name of Inventor : 1)VON HAGEN Joerg 2)BREUNING Marcel André 3)JASPER Christian
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to cell culture media comprising inorganic ester derivatives of tyrosine and/or cysteine. The poor solubility of tyrosine and the often non sufficient stability of cysteine in cell culture media is overcome by substituting them with an inorganic ester derivative e.g. with a phosphorylated derivative.

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

(21) Application No.1786/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/06/2015

(43) Publication Date : 22/01/2016

(54) Title of the invention : WOVEN FABRIC FOR AIR BAG (51) International (71)Name of Applicant : :D03D1/02,B60R21/235,D03D15/00 classification 1)ASAHI KASEI FIBERS CORPORATION (31) Priority Document No :2012274919 Address of Applicant :3 23 Nakanoshima 3 chome Kita ku (32) Priority Date :17/12/2012 Osaka shi Osaka 5308205 Japan (33) Name of priority (72)Name of Inventor : :Japan 1)ISE Fumiaki country (86) International :PCT/JP2013/083758 Application No :17/12/2013 Filing Date (87) International Publication :WO 2014/098082 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to :NA Application Number :NA Filing Date

(57) Abstract :

The purpose of the present invention is to provide a woven fabric for an air bag that during high pressure deployment at high speed has excellent air permeability suppression as an air bag has high tear strength has excellent reliability under high loads and maintains same even after exposure to a high temperature environment. This woven fabric for an air bag comprises a synthetic fiber and is characterized by the asymmetry (R) in the front and rear of the woven fabric and indicated by the following formula of the radius of curvature (f) of an intersecting section in which the warp thread and the weft thread come in contact in the cross section of the woven fabric being in the range 1.05 1.50. R = fa/fb (fa indicates the larger radius of curvature out of the radii of curvature (f) in the front and rear surfaces of the woven fabric and fb indicates the smaller radius of curvature).

No. of Pages : 40 No. of Claims : 15

(21) Application No.1822/KOLNP/2015 A

(19) INDIA

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

(43) Publication Date : 22/01/2016

 (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 	:B29C47/76,B29C47/40 :2013-031974 :21/02/2013 :Japan :PCT/JP2014/053256 :13/02/2014 :WO 2014/129367 :NA :NA :NA	 (71)Name of Applicant : 1)THE JAPAN STEEL WORKS, LTD. Address of Applicant :11-1, Osaki 1-chome, Shinagawa-ku, Tokyo 1410032 JAPAN (72)Name of Inventor : 1)TOJO, Makoto 2)IWAMOTO, Yoshihiko 3)KAKIZAKI, Jun
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : VENT ASSEMBLY DEVICE FOR TWIN-SCREW EXTRUDER

(57) Abstract :

According to this invention, a vent assembly comprises a plurality of vent assembly units, and the objective thereof is to freely vary the size of at least the vent opening in response to changes in the type of resin so as to avoid having to manufacture vent assemblies of many kinds. This vent assembly device for a twin-screw extruder is provided with a vent assembly (7) mounted on the cylinder (1) of a twin-screw extruder (11) having a left-axis side screw (2) and a right-axis side screw (3), the vent assembly (7) having a vent opening (6), wherein the vent assembly device for a twin-screw extruder is configured so that the size of at least the vent opening (6) of the vent assembly (7) can be varied freely and a number of vent assemblies (7) can be formed with a single vent assembly (7) by making the vent assembly (7) from a plurality of vent assembly units (7a). This vent assembly device for a twin-screw extruder is also configured so that the vent assembly units (7a) corresponding to the left-axis side screw (2) comprise a plurality of units, the vent assembly units (7a) corresponding to the right-axis side screw (3) comprise a plurality of units, and the vent assembly units (7a) have a linear shape and L-shape when viewed in cross section.

No. of Pages : 29 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :10/06/2015

(21) Application No.1804/KOLNP/2015 A

(43) Publication Date : 22/01/2016

(54) Title of the invention : MOTOR STA	TOR	
 (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 	:H02K1/14 :201320268978.7 :16/05/2013 :China :PCT/CN2013/085104 :12/10/2013 :WO 2014/183372 :NA :NA :NA :NA	 (71)Name of Applicant : 1)CHANG Chiahung Address of Applicant :No.90 Dongxing St. Fengyuan Dist Taichung City Taiwan 420 China 2)WEN Peihui (72)Name of Inventor : 1)CHANG Chiahung 2)WEN Peihui

(57) Abstract :

A motor stator comprises multiples teeth (20 20 20) and multiple arch bridge portions (30 30 30) separately connected between tooth roots (21) of two adjacent teeth. Each arch bridge portions (30 30 30) has an arch ring (31 31) extending along at two adjacent side edges of a preset parallelogram. The motor stator also comprises multiple enlarged area ports (a) separately located on the positions of the tooth roots of the teeth (20 20 20). The arch bridge portions (30 30 30) are located beyond the ranges of the corresponding enlarged area ports (a). The motor stator is formed by stacking up multiple small stators (10). At least two pushing and cutting ports (40) are respectively located between tooth roots of the arch bridge portions the motor stator increases the passing space of the magnetic field.

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

PUBLICATION U/R 84(3) IN RESPECT OF APPLICATION FOR RESTORATION OF PATENT (DELHI)

Notice is hereby given that any person interested in opposing the following application for restoration of Patent under Section 61 of the Patent Act, 1970 may at any time within 2 months from the date of Publication of this notice, given notice to the Controller of Patent at the appropriate office on the prescribed form 14 under Rule 85 of the Patent Rules, 2003

PATENT	APPLICANTS	TITLE	DATE OF	APPROPRIATE
NO.			CESSATION	OFFICE
243123	THE CHIEF CONTROLLER, RESEARCH AND DEVELOPMENT,MINISTRY OF DEFENCE(India)	LOBE ANTENNA	24/07/2014	DELHI

PUBLICATION U/R 84(3) IN RESPECT OF APPLICATION FOR RESTORATION OF PATENTS (MUMBAI)

NOTICE IS HEREBY GIVEN THAT ANY PERSON INTERESTED IN OPPOSING THE FOLLOWING APPLICATION FOR RESTORATION OF PATENTS UNDER SECTION 60 OF THE PATENT ACT, 1970, MAY AT ANY TIME WITHIN FROM THE DATE OF PUBLICATION OF THIS NOTICE, GIVE NOTICE TO THE CONTROLLER OF PATENTS AT THE APPROPRIATE OFFICE ON THE PRESCRIBED FORM-14 UNDER RULE 85 OF THE PATENTS(AMENDMENT) RULES, 2006.

Sl. No.	PATENT N	APPLICANTS	TITLE	DATE OF CESSATION	APPROPRIATE OFFICE
1.	195954	Larsen & Toubro Limited	An improved rail driving mechanism drawing in & out circuit breakers	16/12/2014	Mumbai
2.	264545	Advance IP Technologies Limited	Multilayered dosing systems	23/12/2014	Mumbai
3.	221604	Rieter Ingolstadt Gmbh	Web guiding device for a textile mac as well as a textile machine	21/05/2015	Mumbai
4.	232996	Rieter Ingolstadt Gmbh	Spinning machine with a drawing fra for drawing of a sliver and suitable procedure	24/05/2015	Mumbai
5.	221767	Rieter Ingolstadt Gmbh	Compression bar and spinning prepar machine with a compression bar	24/05/2015	Mumbai

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Seria 1 Num ber	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)	Appropriat e Office
1	270750	3136/DELNP/2006	06/12/2004	17/12/2003	TWIST DRILL	KENNAMETAL INC.	24/08/2007	DELHI
2	270755	1570/DEL/2003	17/12/2003	31/01/2003	METHOD AND APPARATUS FOR MANAGING POWER IN NETWORK INTERFACE MODULES	MICROSOFT TECHNOLOGY LICENSING, LLC	31/12/2005	DELHI
3	270756	1244/DEL/2007	11/06/2007 12:23:59	30/06/2006	METHOD FOR PROCESSING HIGH HEMICELLULOSE PULP IN VISCOSE MANUFACTURE AND PRODUCTS THEREFROM	WEYERHAEUSE R COMPANY	04/01/2008	DELHI
4	270757	6348/DELNP/2010	26/02/2009	10/03/2008	PROCESS FOR THE REGIOSELECTIVE SYNTHESIS OF L-ALKYL-3- HALOALKYLPYRAZOLE-4- CARBOXYLIC ACID DERIVATIVES	BAYER CROPSCIENCE AG	09/09/2011	DELHI
5	270759	5277/DELNP/2009	04/03/2008	06/03/2007	PRINTING INK OR VARNISH FOR FOOD PACKAGING OR DEVICES WHICH COME IN CONTACT OF FOOD	EPPLE DRUCKFARBEN AG	09/04/2010	DELHI
6	270760	2238/DELNP/2007	03/11/2004	03/11/2004	INTER-SYSTEM HAND-OVER OF A MOBILE TERMINAL OPERABLE WITH A FIRST AND A SECOND RADIO ACCESS NETWORK	VRINGO INFRASTRUCTU RE,INC.	03/08/2007	DELHI
7	270762	462/DELNP/2008	10/10/2003	11/10/2002	AN IMIDAZOLE COMPOUND USES AS CARDIOVASCULAR AGENT	PORTELA & C.A. SA	15/08/2008	DELHI
8	270771	3016/DELNP/2007	26/08/2005	12/10/2004	THERMOSET DESSICANT PRODUCT AND METHOD FOR MAKING THE SAME	MULTISORB TECHNOLOGIES ,INC	17/08/2007	DELHI
9	270772	6992/DELNP/2008	09/02/2007	09/02/2006	FORMULATIONS FOR A TIGHT JUNCTION EFFECTOR	ALBA THERAPEUTICS CORPORATION	19/09/2008	DELHI
10	270781	669/DELNP/2011	17/08/2009	19/08/2008	METHOD OF PRODUCING N- ALKYL (ALKYL)ACRYLAMIDE	NALCO COMPANY	17/02/2012	DELHI
11	270786	3109/DELNP/2011	22/10/2009	31/10/2008	A PROCESS FOR PRODOCING AN AROMATIC DICARBOXYLIC ACID	GRUPO PETROTEMEX, S.A. DE C.V.	30/03/2012	DELHI
12	270787	2350/DELNP/2004	24/02/2003	15/03/2002	A Method and Device for Use In a Peer- to-Peer Network •	INTERNATIONA L BUSINESS MACHINE CORPORATION	02/10/2009	DELHI
13	270788	673/DELNP/2007	19/07/2005	04/08/2004	REDUCED COMPLEXITY SOFT VALUE GENERATION FOR MIMO JD-GRAKE RECEIVERS	TELEFONAKTIE BOLAGET LM ERICSSON (PUBL)	27/04/2007	DELHI
14	270789	9924/DELNP/2008	18/06/2007	28/06/2006	A METHOD FOR PRODUCING A BIODEGRADABLE AND BIOABSORBABLE COPLYMER	GUNGE LIMITED	27/03/2009	DELHI
15	270796	6042/DELNP/2006	06/05/2005	06/03/2004	A SYSTEM AND METHOD FOR ACTUATING AN ENGINE VALVE	JACOBS VEHICLE SYSTEMS, INC	27/04/2007	DELHI

16	270798	7572/DELNP/2008	07/03/2007	10/03/2006	LIVE ATTENUATED BORDETELLA STRAINS AS A SINGLE DOSE VACCINE AGAINST WHOOPING COUGH	INSTITUT PASTEUR DE LILLE,INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM	26/09/2008	DELHI
17	270801	3847/DELNP/2004	01/01/1900	12/02/2001	AN ASSEMBLY FOR HOLDING A SUBSTANCE	MEDICAL INSTILL TECHNOLOGIES , INC.	20/11/2009	DELHI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Seri al Nu mb er	Patent Number	Application Number	Date of Applicati on	Date of Priority	Title of Invention	Name of Patentee		Appropriate Office
1	270754	2337/MUM/ 2008	03/11/200 8 14:45:47	26/11/2007	PROFILED-RAIL SYSTEM	HERM. FRIEDR. KUENNE GMBH & CO.	12/06/2009	MUMBAI
2	270758	1365/MUM NP/2008	13/12/200 6	17/12/2005	A METHOD SYSTEM AND TERMINAL FOR PROVINDING RING-BACK TONE IN REAL TIME	HUAWEI TECHNOLOGIES CO., LTD.	12/09/2008	MUMBAI
3	270765	1863/MUM NP/2010	10/03/200 9	11/03/2008	AZETIDINE AND CYCLOBUTANE DERIVATIVES AS JAK INHIBITORS •	INCYTE CORPORATION	15/04/2011	MUMBAI
4	270768	184/MUMN P/2010	04/08/200 8	03/08/2007	INTERFERENCE CANCELLATION REPEATER AND METHOD FOR USING FEEDFORWARD/FEEDBACK SIGNAL SEARCH AND FEEDBACK CANCELLATION WINDOW DIVISION	KT CORPORATION	16/07/2010	MUMBAI
5	270773	1458/MUM NP/2009	17/03/200 8	22/03/2007	METHOD FOR ANTICIPATORY MAINTENANCE AND/OR METHOD FOR DETERMINING THE ELECTRIC CONDUCTIVITY OF A MAGNETIC- INDUCTIVE FLOW METER	ENDRESS+HAUSER FLOWTEC AG	08/01/2010	MUMBAI
6	270775	1854/MUM NP/2008	28/02/200 7	09/03/2006	FRICTION STIR WELDING TOOL,	FURUYA METAL CO LTD	13/02/2009	MUMBAI
7	270778	450/MUM/2 008	04/03/200 8 16:10:59		PROCESS FOR THE PREPARATION OF GEMCITABINE HYDROCHLORIDE	MAC CHEM PRODUCTS INDIA PVT. LTD.,SHANGHAI PARLING PHARMATECH CO., LTD.	18/09/2009	MUMBAI
8	270785	660/MUM/2 008	27/03/200 8		MOUNTING OF WHOLE EXHAUST SYSTEM ON A POWER TRAIN FOR FOUR WHEELER VEHICLES	TATA MOTORS LIMITED	16/05/2008	MUMBAI
9	270790	2778/MUM NP/2008	31/05/200 7	02/06/2006	IN-LINE MEASURING DEVICE HAVING A MEASURING TUBE WHICH IS LINED WITH POLYURETHANE ON THE INSIDE, AND METHOD FOR PRODUCING IT	ENDRESS+HAUSER FLOWTEC AG	13/03/2009	MUMBAI
10	270791	970/MUMN P/2006	17/02/200 5	20/02/2004	AN AIRCRAFT CABIN	SINGAPORE AIRLINES LIMITED	23/02/2007	MUMBAI
11	270792	2153/MUM NP/2007	21/11/200 7	21/11/2007	ENDOXIFEN COMPOSITION	JINA PHARMACEUTICALS INC.	29/05/2009	MUMBAI

12	270793	101/MUMN P/2010	10/07/200 8	12/07/2007	NOVEL BRONCHODILATING ALPHA, BETA- UNSATURATED AMIDES	Respiratorius AB	25/06/2010	MUMBAI
13	270797	2167/MUM NP/2008	19/10/200 7	20/10/2006	A PROCESS FOR OBTAINING SODIC BENTONITE COMPOSITION CONTAINING ADDITIVE FOR USE WITH GREEN SAND FOR MOLDING OF CAST PARTS	COQUE DO SUL DO BRASIL LTDA	09/01/2009	MUMBAI
14	270803	1326/MUM NP/2009	21/12/200 7	27/12/2006	PREPARATION OF MOLECULAR SIEVE SSZ- 13 •	CHEVRON U.S.A. INC.	05/03/2010	MUMBAI
15	270805	961/MUMN P/2008	26/01/200 5	26/01/2004	SNAP FASTENING SUITABLE FOR MOUNTING FITTINGS	DIETER RAMSAUER,	20/02/2009	MUMBAI
16	270807		02/01/200 8 15:16:13		DEVICE FOR REMOVING WATER FROM SOLID MATERIAL OR SOIL WITH PNEUMATIC SYSTEM	HITESH PANCHAL	14/11/2008	MUMBAI
17	270809	1220/MUM NP/2008	14/12/20 06	14/12/200 5	DUAL DRAFT VESSEL	Gusto MSC Resources B.V.,SEAWAY HEAVY LIFTING ENGINEERING B.V.	17/10/2008	MUMBAI

<u>Publication Under Section 43(2) in Respect of the Grant</u>

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any

Seri al Nu mb er	Patent Number	Applicatio n Number	Date of Applicatio n	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Approp riate Office
1	270752	2225/KOL NP/2009	04/01/200 8	05/01/2007	METHOD FOR SETTING CYCLIC SHIFT CONSIDERING FREQUENCY OFFSET	LG ELECTRONICS INC.	03/07/2009	KOLK ATA
2	270761	2255/KOL NP/2008	15/12/200 6	15/12/2005	TETRAPHOSPHORUS LIGANDS FOR CATALYTIC HYDROFORMYLATION AND RELATED REACTIONS	THE PENN STATE RESEARCH FOUNDATION	16/01/2009	KOLK ATA
3	270763	3570/KOL NP/2008	02/02/200 7	15/03/2006	OPERATING METHOD FOR A REVERSING ROLLING MILL	SIEMENS AKTIENGESELLSCHA FT	20/02/2009	KOLK ATA
4	270764	1752/KOL /2008	16/10/200 8	19/10/2007	A METHOD AND A SYSTEM TO CONTROL VARIABLE VALVE LIFT SYSTEM OF THE ENGINE	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	05/06/2009	KOLK ATA
5	270766	2096/KOL /2008	03/12/200 8	04/01/2008	A METHOD OF MODIFYING AN ACTIVE CYLINDER COUNT OF AN ENGINE BASED ON VEHICLE VIBRATION LIMIT AND A VEHICLE VIBRATION LEVEL DETERMINED BY A CONTROL MODULE	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	10/07/2009	KOLK ATA
6	270767	1362/KOL /2008	13/08/200 8	14/09/2007	AN ACOUSTIC TREATMENT AND A METHOD OF APPLYING AN ACOUSTIC TREATMENT TO AN ENGINE	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	01/05/2009	KOLK ATA
7	270769	1714/KOL /2008	03/10/200 8	31/10/2007	MOTORCYCLE INCLUDING A PROTECTIVE BAR PORTION OF A CANTILEVERED STRUCTURE	YAMAHA HATSUDOKI KABUSHIKI KAISHA	05/06/2009	KOLK ATA
8	270770	1115/KOL NP/2010	26/03/200 8	26/09/2007	APPARATUS AND METHOD FOR EXTRACTING AN AMBIENT SIGNAL IN AN APPARATUS AND METHOD FOR OBTAINING WEIGHTING COEFFICIENTS FOR EXTRACTING AN AMBIENT SIGNAL AND COMPUTER PROGRAM	FRAUNHOFER- GESELLSCHAFT ZUR FÃ-RDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	30/07/2010	KOLK ATA
9	270774	3830/KOL NP/2007	17/03/200 6	17/03/2005	METHOD OF OPERATING A THREE PHASE SLURRY REACTOR AND A THREE-PHASE SLURRY REACTOR	SASOL TECHNOLOGY (PROPRIETARY) LIMITED	28/03/2008	KOLK ATA
10	270776	1382/KOL NP/2004	21/03/200	21/03/2002	MEHTOD AND APPARATUS FOR TACTILE CUEING OF AIRCRAFT CONTROLS	BELL HELICOPTER TESTRON INC.	05/05/2006	KOLK ATA
11	270777	4579/KOL NP/2009	11/07/200 8	12/07/2007	A METHOD OF A COMMUNICATION APPARATUS	SAMSUNG ELECTRONICS CO. LTD.	23/04/2010	KOLK ATA

12	270779	1869/KOL NP/2009	29/11/200 1	30/11/2000	LPC VECTOR QUANTIZATION APPARATUS	PANASONIC CORPORATION,NIPP ON TELEGRAPH AND TELEPHONE CORPORATION	19/06/2009	KOLK ATA
13	270780	3328/KOL NP/2009	26/03/200 8	26/03/2007	TEMPERED REFRACTORY CONCRETE BLOCK HAVING CONTROLLED DEFORMATION	SAINT-GOBAIN CENTRE DE RECHERCHES ET D'ETUDES EUROPEEN	08/01/2010	KOLK ATA
14	270782	3748/KOL NP/2008	24/03/200 6	24/03/2006	SCRAPERS FOR LINK CHAINS OF SCRAPER CHAIN CONVEYORS AND SCRAPER-SECURING ELEMENT THEREFOR	CATERPILLAR GLOBAL MINING EUROPE GMBH	20/02/2009	KOLK ATA
15	270783	2292/KOL NP/2008	18/11/200 5	18/11/2005	A METHOD AND BASE STATION FOR SCHEDULIN HSDPA	TELEFONAKTIEBOLA GET LM ERICSSON (PUBL)	30/01/2009	KOLK ATA
16	270784	4495/KOL NP/2008	11/04/200 7	11/04/2006	METHOD FOR METERING AND MIXING	DIASYS DIAGNOSTIC SYSTEMS GMBH	13/03/2009	KOLK ATA
17	270794	1591/KOL NP/2010	09/10/200 8	29/11/2007	METHOD AND APPARATUS FOR BANDWIDTH EXTENSION OF AUDIO SIGNAL	MOTOROLA MOBILITY LLC	17/09/2010	KOLK ATA
18	270795	1163/KOL /2008	03/07/200 8 15:58:21	06/07/2007	ENZYME PREPARATIONS OBTAINABLE BY ENZYME IMMOBILIZATES	EVONIK GOLDSCHMIDT GMBH	24/04/2009	KOLK ATA
19	270799	2770/KOL NP/2008	16/01/200 7	24/01/2006	METHOD FOR PRODUCING HALOGEN-SUBSTITUTED BENZENEDIMETHANOL	SUMITOMO CHEMICAL COMPANY, LIMITED	23/01/2009	KOLK ATA
20	270800	3596/KOL NP/2009	14/03/2008	14/03/2007	OZONE CLEANING SYSTEM	FOOD SAFETY TECHNOLOGY, LLC	20/08/2010	KOLKA TA
21	270802	3802/KOL NP/2006	02/06/2005	18/06/2004	METHOD OF OBTAINING SPECTRAL VOIDS IN THE TRANSMISSION OF SIGNALS OVER THE ELECTRIC NETWORK	MARVELL HISPANIA, S.L.	22/06/2007	KOLKA TA
22	270804	744/KOLN P/2006	19/08/2005	24/08/2004	METHOD AND APPARATUS FOR POWER LINE COMMUNICATION	PANASONIC CORPORATION	03/08/2007	KOLKA TA

CONTINUED TO PART-3

CONTINUED FROM PART-2

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.

CANCELLATION PROCEEDINGS under Section 19 of the Designs Act, 2000 & Designs (Amendment) Rules, 20080

<u>(01)</u>

"The Dy. Controller of Patents & Designs passed an order on 18/01/2016 to dismiss the petition for cancellation (Petition No. Can/011/2013) filed by Whirlpool of India Ltd., an Indian company having its registered office at Whirlpool House, Plot No.40, Sector 44, Gurgaon – 122002, Haryana on 13/3/2013 in respect of registered Design No. 199828 dated 27/4/2005 (Reciprocity date in Korea) under class 15-05 titled as 'Washing Machine' in the name of Samsung Electronics Co. Ltd., A Korean corporation of 416, Maetan-Dong, Yeongtong-Gu, Suwon City, Kyungki-Do, Republic of Korea."

(02)

"The Dy. Controller of Patents & Designs passed an order on 18/01/2016 to dismiss the petition for cancellation (Petition No. Can/012/2013) filed by Whirlpool of India Ltd., an Indian company having its registered office at Whirlpool House, Plot No.40, Sector 44, Gurgaon – 122002, Haryana on 13/3/2013 in respect of registered Design No. 201805 dated 20/10/2005 under class 15-07 titled as 'Refrigerator' in the name of Samsung Electronics Co. Ltd., 416, Maetan 3-Dong, Paldal-Gu, Suwon City, Kyunggi-Do, Korea, A Korean company."

(03)

"The Dy. Controller of Patents & Designs passed an order on 18/01/2016 to dismiss the petition for cancellation (Petition No. Can/013/2013) filed by Whirlpool of India Ltd., an Indian company having its registered office at Whirlpool House, Plot No.40, Sector 44, Gurgaon – 122002, Haryana on 13/3/2013 in respect of registered Design No. 215324 dated 14/3/2008 under class 23-04 titled as 'Air Conditioner' in the name of Samsung Electronics Co. Ltd., A Korean company of 416, Maetan-Dong, Yeongtong-Gu, Suwon-Si, Gyeonggi-Do, Republic of Korea."

(04)

"The Dy. Controller of Patents & Designs passed an order on 18/01/2016 to dismiss the petition for cancellation (Petition No. Can/014/2013) filed by Whirlpool of India Ltd., an Indian company having its registered office at Whirlpool House, Plot No.40, Sector 44, Gurgaon – 122002, Haryana on 13/3/2013 in respect of registered Design No. 215325 dated 14/3/2008 under class 23-04 titled as 'Air Conditioner' in the name of Samsung Electronics Co. Ltd., A Korean company of 416, Maetan-Dong, Yeongtong-Gu, Suwon-Si, Gyeonggi-Do, Republic of Korea."

(05)

"The Dy. Controller of Patents & Designs passed an order on 18/01/2016 to dismiss the petition for cancellation (Petition No. Can/015/2013) filed by Whirlpool of India Ltd., an Indian company having its registered office at Whirlpool House, Plot No.40, Sector 44, Gurgaon – 122002, Haryana on 13/3/2013 in respect of registered Design No. 216086 dated 29/4/2008 under class 15-05 titled as 'Washing Machine' in the name of Samsung Electronics Co. Ltd., A Korean company of 416, Maetan-Dong, Yeongtong-Gu, Suwon-Si, Gyeonggi-Do, Republic of Korea."

COPYRIGHT PUBLICATION

SL NO	REGISTERED DESIGN NUMBERS	RENEWED ON
1.	270345	06.01.2016
2.	261150	08.01.2016
3.	260596	08.01.2016
4.	260547	06.01.2016
5.	260476	14.12.2015
6.	259302	29.12.2015
7.	259301	29.12.2015
8.	200866	02.11.2015
9.	200867	02.11.2015
10.	200592	08.01.2016
11.	201855	08.01.2016
12.	201854	08.01.2016
13.	201852	08.01.2016
14.	201851	08.01.2016
15.	201850	08.01.2016
16.	201849	08.01.2016
17.	200861	02.11.2015
18.	200862	02.11.2015
19.	200864	02.11.2015
20.	200865	02.11.2015
21.	203975	06.01.2016
22.	203974	06.01.2016
23.	203973	06.01.2016
24.	203948	08.01.2016
25.	203896	08.01.2016
26.	203895	08.01.2016
27.	203846	08.01.2016
28.	203628	06.01.2016
29.	203627	06.01.2016
30.	203611	08.01.2016
31.	265657	29.12.2015
32.	265585	08.01.2016
33.	265160	29.12.2015
34.	265159	29.12.2015
35.	265156	29.12.2015
36.	203849	08.01.2016
37.	264768	14.12.2015
38.	264767	14.12.2015
39.	264718	29.12.2015
40.	263963	08.01.2016

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			270324	
CLASS			21-01	The
1) CREATIVE DESIGN ID MCGILLS OAKLEY HOU GLOUCESTERSHIRE, UK, G	SE, TE	TBURY ROAD		Y G
DATE OF REGISTRATION		12	2/03/2015	
TITLE		EDUCA	TIONAL TOY	
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
001424188-0005		29/10/2014	OHIM	
				Care of
DESIGN NUMBER		2708	306	
CLASS		13-	03	
1)AL-AZIZ PLASTICS PV UNDER COMPANIES ACT 125, AMAR INDL. ESTAT (E), MUMBAI-400052 DATE OF	1956) V	VHOSE ADDR I. ROAD, SAKI	ESS NAKA, ANDHERI	
REGISTRATION		31/03/	2015	
TITLE		SWITCH	BOARD	
PRIORITY NA				
DESIGN NUMBER		2706	17	
CLASS		27-9	9	
1)ALTRIA CLIENT SERV EXISTING UNDER THE LA USA, OF 6601 WEST BROAD STR UNITED STATES OF AMER	WS OF EET, RI	THE STATE		
DATE OF REGISTRATION		26/03/2	2015	
TITLE	TITLE MOUTHPIECE OF A SMOKING ARTICLE			
PRIORITY				
PRIORITY NUMBER	D	ATE	COUNTRY	C.3
29/503,697		/09/2014	U.S.A.	

DESIGN NUMBER	274554	
CLASS	05-05	
UNDER THE PROVISION OF CO REGISTERED OFFICE AT	PRINTS PVT. LTD. A COMPANY REGISTERED MPANIES ACT, 1956 HAVING ITS PANDESARA, SURAT-394221 GUJARAT	
DATE OF REGISTRATION	17/08/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	226807	
CLASS	26-05	
1)SMT. MANJU GUPTA JAIN GAL, MAIN GANJ, ETAH	207 001, UTTAR PRADESH, INDIA.	
DATE OF REGISTRATION	18/01/2010	
TITLE	GLASS COMPONENT FOR CHANDELIERS	20
PRIORITY NA		
DESIGN NUMBER	269673	
CLASS	24-01	
COMPANY REGISTERED UNDE 401, TIRUPATI UDYOG, I. B. PA	LTD. (AN INDIAN PRIVATE LIMITED R THE INDIAN COMPANIES ACT, 1956), OF ATEL ROAD, OFF. WESTERN EXPRESS MUMBAI-400063, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	19/02/2015	
TITLE	DRUG TESTING INSTRUMENT	
PRIORITY NA		

DESIGN NUMBER		2703	314		
CLASS				-	
1)HONDA MOTOR CO CORPORATION, OF 1-1, MINAMI-AOYAM 107-8556, JAPAN					
DATE OF REGISTRATION		12/03/	2015		
TITLE	FRONT (COMBINA AUTOM	TION LAMP FOR OBILE		
PRIORITY					E
PRIORITY NUMBER	DAT	E	COUNTRY		
2014-021105	24/0	9/2014	JAPAN		
DESIGN NUMBER			27060	02	
CLASS			08-07	7	
1)GODREJ & BOYCE M LOCKS DIVISION (PL 400079, MAHARASHTRA	ANT-18), 1	PIROJSHA		DLI, MUMBAI -	
DATE OF REGISTRATION	ON	26/03/2015			
TITLE		PADLOCK			
PRIORITY NA					
DESIGN NUMBER			20585	3	
CLASS			08-02	2	
1)POLY AGRO INDIA, OF GOPAL SHARMA S/ OF H.NO. 2210/8, KHU (PUNJAB) (INDIA)	O SH. RAN	A DEV SH	IARMA		
DATE OF REGISTRATIO	ON		28/07/2	006	
TITLE		BICYCLE AIR PUMP		R PUMP	
PRIORITY NA					

DESIGN NUMBER	2745	521	
CLASS			
1)SIDDHI VINAYAK KNOTS & PH UNDER THE PROVISION OF COM REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PA	PANIES ACT, 1956 HAVI	ING ITS	
DATE OF REGISTRATION	17/08/	2015	
TITLE	TEXTILE	FABRIC	
PRIORITY NA			
DESIGN NUMBER	2743	303	
CLASS	09-0)3	
1)UNILEVER PLC, A COMPANY UNDER COMPANY NO. 41424 OF UNILEVER HOUSE, 100 VICTOR UNITED KINGDOM			
DATE OF REGISTRATION	07/08/	2015	
TITLE	ICE CREAM C		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002632448-0001	12/02/2015	OHIM	
DESIGN NUMBER	2700)77	
CLASS	09-0	01	
1)MR. SACHIN SACHDEV, MRS. I ALL PARTNERS OF M/S NAYASA I REGISTERED UNDER THE PARTN PLOT NO. 225, 227 AND 228, VILI DISTRICT UNA-732141, HIMACHAL	MULTIPLAST A PARTN ERSHIP ACT, 1932 HAV LAGE VELA BATHRI, TA	ERSHIP CONCERN ING ADDRESS AT	
DATE OF REGISTRATION	03/03/	2015	
TITLE	BOT	ΓLE	
PRIORITY NA			X

DESIGN NUMBER		269670			
CLASS		25-02			~
1)ECO-TOP CO., LTD., A REGISTERED ADDRESS A JUNGILI 16-4, SUCKJUK 832, REPUBLIC OF KOREA;	A T TEUP, CH	ILGOKGUN, KYUNC	GBUK 718-		
DATE OF REGISTRATION		19/02/2015			
TITLE		BLOCK FOR ROAL)		
PRIORITY NA					
DESIGN NUMBER			270347		
CLASS			09-03		
1)THE PROCTER & GAM INCORPORATED UNDER HAVING ITS REGISTEREN ONE PROCTER & GAME STATES OF AMERICA	THE LAV D OFFICI BLE PLAZ	WS OF UNITED STA E AT ZA, CINCINNATI, OF	ATES OF A1 HIO - 45202,	MERICA,	A
DATE OF REGISTRATION	1		2/03/2015 NG FOR BO		
TITLE PRIORITY PRIORITY NUMBER 838719701		DATE COUNTRY 12/09/2014 WIPO			
DESIGN NUMBER			272587		
CLASS			11-02		A
1)SAMIR HANSRAJ SATA AT 8, SWASHRAY SOCIETY					
DATE OF REGISTRATION	I	0.	5/06/2015		
TITLE		HANGIN	G FLOWER		
PRIORITY NA					

DESIGN NUMBER	274004	
CLASS	06-03	
1)GODREJ & BOYCE MFG. CO INCORPORATED UNDER THE C OF GODREJ INTERIO, PLANT MUMBAI-400079, INDIA		
DATE OF REGISTRATION	29/07/2015	
TITLE	SIDE TABLE	
PRIORITY NA		
DESIGN NUMBER	270088	
CLASS	09-03	
1) SH. SAURABH NAGPAL, A-209, SHIV VIHAR, ROHTAK NATIONAL OF THE ABOVE ADD	ROAD, NEW DELHI-110087, (INDIA) AN INDI RESS	AN
DATE OF REGISTRATION	03/03/2015	
TITLE	CONTAINER	
PRIORITY NA		LUO HOMESS
DESIGN NUMBER	270355	
CLASS	24-01	1
D4-15, GURUGANESH NAGAR, E STATE OF MAHARASHTRA WI PASALKAR AN INDIAN NATION	, KARVENAGAR, PUNE 411052 IN THE STAT	ов.
DATE OF REGISTRATION	13/03/2015	
TITLE	PHOTO THERAPY DEVICE	
PRIORITY NA		A

DESIGN NUMBER			269814		
CLASS			13-03		
1) ADVANCED ENERGY MA SME), 2. MOHAMMED JAMAI HAVING ADDRESS AT 26, K AVADI, CHENNAI-600054.	UDD	IN, AN IND	IAN NATIO	NAL	
DATE OF REGISTRATION			24/02/2015	5	
TITLE		FOUR C	HANNEL EL CONTACTO		
PRIORITY NA					
DESIGN NUMBER			272	876	
CLASS			14-	.03	
1)SAMSUNG ELECTRONICS 129, SAMSUNG-RO, YEONG REPUBLIC OF KOREA, A COM	TON	G-GU, SUW			2,
DATE OF REGISTRATION	TION 19/06/2015				
TITLE		CO	VER FOR M	OBILE PHONE	
PRIORITY PRIORITY NUMBER 30-2015-0008461	DA1 16/0	ГЕ 2/2015	COUNTRY REPUBLIC	OF KOREA	
DESIGN NUMBER			270	348	
CLASS			09-	.03	
1)THE PROCTER & GAMBLI INCORPORATED UNDER THE HAVING ITS REGISTERED OF ONE PROCTER & GAMBLE STATES OF AMERICA	E LAV FFICI	VS OF UNIT E AT	TED STATES	S OF AMERICA,	AT
DATE OF REGISTRATION		12/03/2015			
TITLE		PACKAGING FOR BOTTLES			
PRIORITY					
PRIORITY NUMBER		DATE COUNTRY			
838719701		12/09/20)14	WIPO	
					\checkmark

DESIGN NUMBER		272	588			
CLASS		11-	02			
1)SAMIR HANSRAJ AND HAVING ADDRE 8, SWASHRAY SOC 360004 (GUJARAT) INI	E SS AT CIETY, MAV				22.10	
DATE OF REGISTRATION		05/06/	/2015		A STATE	
TITLE	FLC	WER F	POT TRAY			
PRIORITY NA						
DESIGN NUMBER			27	0395		
CLASS			13	3-02		\sim
1) PHILIP MORRIS P QUAI JEANRENAU	PRODUCTS D 3, 2000 N	S.A., A EUCHÁ	A SWISS COMPAN ÀTEL, SWITZERLA	Y OF ND		
DATE OF REGISTRAT	ΓΙΟΝ		17/0	3/2015		
TITLE			CHARGI	IG DEVICE		
PRIORITY NUMBER 002615112-0002			DATE 16/01/2015	COUNTRY OHIM		
DESIGN NUMBER			269835			
CLASS			12-16			
1)TATA MOTORS LI BOMBAY HOUSE, 2 MUMBAI 400001, MAH	24 HOMÍ M	ODY S	TREET, HUTATMA		1	
DATE OF REGISTRAT	ΓΙΟΝ		25/02/2015	i	Le	
TITLE			VEHICLE WH	EEL	14	
PRIORITY NA					(

DESIGN NUMBER		271660			
CLASS		23-03			
AND MAGNALENZ; PROPRIETC	BHAVIN R. DA ITY ROAD, RA DRSHIP FIRM (ADDRESS 36, C 'OR, B/S. DERM	BHI AND MR. BHAGVANJI M. JKOT-360005, GUJARAT, INDIA DF MR. CHINMAY YAGNIK AND MR. CHANGODAR INDUSTRIAL ESTATE, MO CARE LABORATORY,			
DATE OF REGISTRATION		24/04/2015			
TITLE	IND	UCTION FURNACE CRUCIBLE	A STATE OF A STATE AND A STATE OF A STATE OF A STATE		
PRIORITY NA					
DESIGN NUMBER		272957			
CLASS		14-03			
1)SAMSUNG ELECTRONICS 129, SAMSUNG-RO, YEONGT REPUBLIC OF KOREA, A COMPA DATE OF REGISTRATION	ONG-GU, SUV	VON-SI, GYEONGGI-DO, 443-742, BLIC OF KOREA 22/06/2015			
TITLE	TITLE COVER FOR MOBILE PHONE				
	DATE 16/02/2015	COUNTRY REPUBLIC OF KOREA			
DESIGN NUMBER		270192			
CLASS		10-05			
1)ELECTROLAB (INDIA) PVT COMPANY REGISTERED UND 401, TIRUPATI UDYOG, I. B. J HIGHWAY, GOREGAON (EAST),	ER THE INDIA PATEL ROAD,	AN COMPANIES ACT, 1956), OF OFF. WESTERN EXPRESS			
DATE OF REGISTRATION		09/03/2015			
TITLE	TESTIN	G INSTRUMENT OF DISSOLUTION MEDIA DEGASSER			
PRIORITY NA					

DESIGN NUMBER		270397	
CLASS		12-16	
1)TATA MOTORS LIMITED BOMBAY HOUSE, 24 HOMI MUMBAI 400001, MAHARASH'	MODY STREE		
DATE OF REGISTRATION		17/03/2015	
TITLE	TWIST I	BLADE FOR SUSPENSION	i al
PRIORITY NA			0.0
DESIGN NUMBER		269838	
CLASS		12-16	
1)TATA MOTORS LIMITED BOMBAY HOUSE, 24 HOMI MUMBAI 400001, MAHARASH	MODY STREE		
DATE OF REGISTRATION		25/02/2015	
TITLE	EXHAUS	Γ GARNISH OF A VEHICLE	
PRIORITY NA			
DESIGN NUMBER		272960	
CLASS		14-03	
1)SAMSUNG ELECTRONICS 129, SAMSUNG-RO, YEONG REPUBLIC OF KOREA, A COM DATE OF REGISTRATION TITLE	GTONG-GU, SU PANY OF REPU	WON-SI, GYEONGGI-DO, 443- JBLIC OF KOREA 22/06/2015 COVER FOR MOBILE PHONE	
PRIORITY PRIORITY NUMBER	DATE	COUNTRY	
30-2015-0008483	16/02/2015	REPUBLIC OF KOREA	

DESIGN NUMBER		269837					
CLASS			12-	16		A	
1)TATA MOTORS LIMIT BOMBAY HOUSE, 24 HO 400001, MAHARASHTRA, II	OMI MODY ST			CHOWF	K, MUMBAI		
DATE OF REGISTRATION	1		25/02/	/2015			$\langle \rangle$
TITLE		D	PILLAR OF	A VEF	IICLE		11
PRIORITY NA							Y .
DESIGN NUMBER			2703	396			
CLASS			13-	02			
1) PHILIP MORRIS PROD QUAI JEANRENAUD 3, 2						\sim	
DATE OF REGISTRATION	1		17/03/	/2015			
TITLE			CHARGIN	G DEVI	CE		
PRIORITY PRIORITY NUMBER 002615112-0001		DATE COUNTR 16/01/2015 OHIM					
DESIGN NUMBER		2717	81				
CLASS		25-0)1				
1)GI PLAST SRL, VIA B. FRANKLIN 6, LO LIMITED LIABILITY COMP OF ITALY DATE OF			NDER THE L	.AW			
REGISTRATION		28/04/2	2015				
TITLE		PLATE USED FOR BUILDING CONSTRUCTION					
PRIORITY							
PRIORITY NUMBER	DATE		COUNTRY				
002579359-0001	17/11/20	14	OHIM				

DESIGN NUMBER			272958		
CLASS			14-03		
1)SAMSUNG ELECTRONI 129, SAMSUNG-RO, YEOI REPUBLIC OF KOREA, A CO	NGTON	G-GU, SUW		I-DO, 443-742,	6
DATE OF REGISTRATION			22/06/2015		
TITLE		C	OVER FOR MOBIL	E PHONE	
PRIORITY PRIORITY NUMBER	DA	TF	COUNTRY		
30-2015-0008482)2/2015	REPUBLIC OF K		
				-	
DESIGN NUMBER			270193		
CLASS		10-05			
1)ELECTROLAB (INDIA) I COMPANY REGISTERED U 401, TIRUPATI UDYOG, I HIGHWAY, GOREGAON (EA	NDER B. PAT	THE INDIA TEL ROAD,	N COMPANIES A OFF. WESTERN EX	C T, 1956), OF PRESS	
DATE OF REGISTRATION			09/03/2015		LULIUL TIME
TITLE		TESTING INSTRUMENT OF BATHLESS DISSOLUTION TESTER			
PRIORITY NA					
DESIGN NUMBER		27	13773		
CLASS	09-03				
1)MAHALAXMI BAKERY, 5-3-877, LIAQUAT ALI LA MOZAMJAHI MARKET, PIN- (INDIA), AN INDIAN PROPRI PROPRIETOR IS LEKHRAJ R ABOVE ADDRESS	INC, B 500001, ETORS	STATE OF HIP FIRM, V	TALANGANA WHOSE		
DATE OF REGISTRATION	21/07/2015				
TITLE	BOX				A STATE
PRIORITY NA					

DESIGN NUMBER	275033	
CLASS	02-04	
COMPANY INCORPORAT 1956 HAVING REGISTERE DOOR NO. VII/313 H, NH 673655, KERALA, INDIA RE VELUTHEDATH ABDUL RA	H 17, P.O. KOLATHARA, KOZHIKODE- PRESENTED BY ITS DIRECTOR MR.	(HARREN)
DATE OF REGISTRATION	28/08/2015	
TITLE	SOLE OF FOOTWEAR	
PRIORITY NA		
DESIGN NUMBER	270109	
CLASS	24-01	
ADDRESS AT	RY PRIVATE LIMITED HAVING ILAKHIA HOUSE, MUKTANAND 91, GUJARAT, INDIA 03/03/2015	Start Start
TITLE	SURGICAL ENDOCUTTER	C.
PRIORITY NA	SURGICAL ENDOCUTTER	//5/
DESIGN NUMBER	270334	
CLASS	12-16	
1)TATA MOTORS LIMIT	ED, AN INDIAN COMPANY OF DMI MODY STREET, HUTATMA	
DATE OF REGISTRATION	12/03/2015	
TITLE	UREA TANK OF A VEHICLE	
PRIORITY NA	<u>.</u>	

DESIGN NUMBER			221101	
CLASS			09-09	and the second s
1) BARBANTIA NEDERL OF BRABANTIALAAN				
DATE OF REGISTRATION	N		18/12/2008	
TITLE SLIDEBIN				
PRIORITY				
PRIORITY NUMBER	DATE	COUNTR	Y	
001059000-0001	18/12/200	8 EUROPE	AN COMMUNITY	
DESIGN NUMBER			272586	
CLASS			11-02	
1)SAMIR HANSRAJ SAT	ANI AN IND			DRESS
AT 8, SWASHRAY SOCIET				
DATE OF REGISTRATION			05/06/2015	
TITLE		HANGI	NG FLOWER POT	
PRIORITY NA				
DESIGN NUMBER		273	928	
CLASS		13-	.02	-
1) SAMSUNG ELECTRON 129, SAMSUNG-RO, YE 742, REPUBLIC OF KOREA	ONGTONG-G	U, SUWON-SI,		
DATE OF REGISTRATION	N	27/07	/2015	
TITLE	CHA			
PRIORITY PRIORITY NUMBER 30-2015-0006647	DATE 06/02/2015	COUNTRY REPUBLIC	Ý C OF KOREA	

DESIGN NUMBER		270087			
CLASS			13-02		
1)SHYAM ELECTRONIC BAZAR, DELHI-110006, INI (AN INDIAN PROPRIETO PRAKASH AN INDIAN NAT	D ÍA DR FIRM	1 WHOSE PR	OPRIETOR IS:- SI	,	A Real
DATE OF REGISTRATION		03/03/2015			
TITLE			MOBILE CHARG	ER	C ALL AND A C
PRIORITY NA					
DESIGN NUMBER		270)580		
CLASS		12	-08		
1)AUDI AG, A JOINT STO UNDER GERMAN LAW OF AUTO-UNION-STR. 1, D-	7				
DATE OF REGISTRATION		26/03	3/2015	Annual C	
TITLE		C	AR		
PRIORITY					
PRIORITY NUMBER	D	ATE	COUNTRY		
002546259-0001	26	09/2014	OHIM		
DESIGN NUMBER			272375		
CLASS			10-06		
1)CONA INDUSTRIES, 20/21, NIRAJ INDUSTRIA EAST, MUMBAI-400093, MA PROPRIETORY FIRM, WHO AN INDIAN NATIONAL, RE MUMBAI 400054, MAHARA	AHARAS SE PRO SIDENT	SHTRA, INDI PRIETOR IS T OF GARDE	A, AN INDIAN SC PRAKASH NARA	DLE INDAS MOTWAI	
DATE OF REGISTRATION				5	
TITLE			ELECTRIC B	ELL	
PRIORITY NA					

15-05 N-SI, GYEONGGI-DO, 44 IC OF KOREA 13/08/2015 FOR WASHING MACHIN COUNTRY REPUBLIC OF KOREA 274225 15-05 REAN COMPANY ,			
IC OF KOREA 13/08/2015 FOR WASHING MACHIN COUNTRY REPUBLIC OF KOREA 274225 15-05 REAN COMPANY,			
FOR WASHING MACHIN COUNTRY REPUBLIC OF KOREA 274225 15-05 REAN COMPANY,			
COUNTRY REPUBLIC OF KOREA 274225 15-05 REAN COMPANY,			
REPUBLIC OF KOREA 274225 15-05 REAN COMPANY,			
REPUBLIC OF KOREA 274225 15-05 REAN COMPANY,			
274225 15-05 REAN COMPANY,			
15-05 REAN COMPANY,			
REAN COMPANY,			
WON-SI, GYEONGGI-DO) 16677,		
06/08/2015			
INNER COVER FOR DOOR OF WASHING MACHINE			
PRIORITY			
ATE COUNTRY			
REPUBLIC OF KOREA			
270060			
21-01			
CALIAN COMPANY OF GNESE (BO), ITALY			
03/03/2015		10/0	
03/03/2015 IODEL CAR		10	
	C.		
	ODEL CAR	1	

DESIGN NUMBER		268814					
CLASS		24-01					
1) TECAN TRADING AG, A JOI SEESTRASSE 103, 8708 MÄNN	NT STOCK COMP EDORF, SWITZERI	ANY UNDER SWISS L Land	AW OF				
DATE OF REGISTRATION		12/01/2015					
TITLE		RY APPARATUS USE EADER AND CELL CO					
PRIORITY							
PRIORITY NUMBER	DATE	COUNTRY					
825937901	11/07/2014	WIPO					
DESIGN NUMBER	2	69360					
CLASS		06-01					
1)U:THENTIC PTY LTD., AN A UNIT 4, 27 GODWIN STREET, AUSTRALIA			60				
DATE OF REGISTRATION	06/	/02/2015	1.000				
TITLE	C	CHAIR	1.57				
PRIORITY PRIORITY NUMBER 357341	DATE 07/08/2014	COUNTRY AUSTRALIA					
DESIGN NUMBER		205218					
CLASS		19-06					
1) GLOBAL WRITINGS, 22, BRABOURNE ROAD, 3RD INDIA.	FLOOR, KOLKATA	-700001, WEST BENGA	AL,				
DATE OF REGISTRATION		17/07/2006					
TITLE		PEN					
PRIORITY NA							

DESIGN NUMBER				270413	3		
CLASS				09-03			
1) PROSANTA SHILPA F COMPANY UNDER INDL 1, GIRJA TOLA ROAD, WEST BENGAL, INDIA W ADDRESS	AN CON NOWD	MPANIES A APARA, PS	ACT 195 +PO BEI	6) WHOSE LGHORIA,	ADDRESS KOLKATA-	-700057,	
DATE OF REGISTRATIO	N			18/03/20	15		
TITLE				CASE			Fichas
PRIORITY NA							শাংশ দিব প্র শাংশ দিব প্র শাংগনি প্রোননি: নানন্দারা-৪৪
DESIGN NUMBER			269	9844			
CLASS			24	02			
1)LIFE TECHNOLOGIE 5791 VAN ALLEN WAY				IA 92008, U	SA		(\neg)
DATE OF REGISTRATIO	N		25/02/2015				
TITLE		FLU	FLUOROMETER DEVICE				1 R
PRIORITY PRIORITY NUMBER 29/500,911		DATE 29/08/20		COUNT U.S.A.	RY	L	
DESIGN NUMBER		261	912				
CLASS		08	-03				\frown
1)SUMITOMO ELECTR JAPANESE CORPORATIO 1-1, KOYAKITA 1-CHC JAPAN	ON, OF				/	1	
DATE OF REGISTRATION		22/04/2014			N		
TITLE	TIP F	OR METAL		NG TOOL		1	-1
PRIORITY							
PRIORITY NUMBER	DA	ATE	COUI	NTRY		1	
2013-025261	30/10/2013 JAPAN						

DESIGN NUMBER		271478			
CLASS			15-02		
1)M/S K.S. & SONS, AN AT VISHKARMA MAR BATALA-143505, DISTT. C					
DATE OF REGISTRATIO	N		17/04/202	15	
TITLE		ADO	OPTER OF SUBME	ERSIBE PUPMS	
PRIORITY NA					
DESIGN NUMBER			269494		
CLASS			25-03		
1)HINDUSTAN UNILEV THE INDIAN COMPANIE UNILEVER HOUSE, B. MUMBAI 400099, STATE (CS ACT, 19 D. SAWAN OF MAHAR	13, HAVI IT MARG	NG ITS REGISTE , CHAKALA, AND , INDIA	RED OFFICE AT HERI (EAST),	
	TE OF REGISTRATION 11/02/2015				
TITLE	TLE KIOSK				
PRIORITY NA					
DESIGN NUMBER		270	325		
CLASS		21-	-01	JE.	
1)CREATIVE DESIGN II MCGILLS OAKLEY HO CIRENCESTER, GLOUCES LIABILITY COMPANY	OUSE, TET	BURY RO	AD,		
DATE OF REGISTRATION		12/03	/2015		
TITLE	E	EDUCATIO	ONAL TOY		
PRIORITY					
PRIORITY NUMBER	DAT	E	COUNTRY		
001424188-0006	29/10)/2014	OHIM		

DESIGN NUMBER		270812	
CLASS		24-04	
1)THE PROCTER & GAMBLE O INCORPORATED UNDER THE L HAVING ITS REGISTERED OFFI ONE PROCTER & GAMBLE PL STATES OF AMERICA DATE OF REGISTRATION	AWS OF UNITED S CE AT	STATES OF AMERICA,	
TITLE	SAN	NITARY NAPKIN	
PRIORITY	571		
PRIORITY NUMBER	DATE	COUNTRY	
842813801	01/10/2014	WIPO	
DESIGN NUMBER	2	.70618	
CLASS	-	15-06	$\sim \sim$
1)TRÜTZSCHLER GMBH & CO DUVENSTRASSE 82-92, 41199			
DATE OF REGISTRATION	26/	/03/2015	
TITLE	SLIVER	FEED CREEL	NAL D
PRIORITY PRIORITY NUMBER 40 2014 002 170.4	DATE 29/09/2014	COUNTRY GERMANY	
DESIGN NUMBER		271582	
CLASS		26-04	
1)TAI-HER YANG, A CITIZEN (NO. 59, CHUNG HSING 8 ST., S		· · · · · · · · · · · · · · · · · · ·	
DATE OF REGISTRATION		21/04/2015	
TITLE	LE	ED LIGHT BULB	
PRIORITY PRIORITY NUMBER 29/507,563	DATE 29/10/2014	COUNTRY U.S.A.	

DESIGN NUMBER		226839				
CLASS		07-06				
1) PIK-SEL LIMITED, P.O. 1, PORTLAND HOUSE, STA IM99 6AB, UNITE KINGDOM	TION ROAD, BALLAS	SALLA, ISLE OF MAN,				
DATE OF REGISTRATION	20	0/01/2010				
TITLE	CONTAINER WI	TH TOOTHPICKS-CLAM				
PRIORITY PRIORITY NUMBER 001588765-0004	DATE 21/07/2009	COUNTRY OHIM				
DESIGN NUMBER		270080				
CLASS	CLASS 13-01					
1)SIEMENS AKTIENGESELLSCI WITTELSBACHERPLATZ 2, 803 COMPANY.		ANY, A GERMAN				
DATE OF REGISTRATION	0	3/03/2015				
TITLE	ELEC	TRIC MOTOR				
PRIORITY						
PRIORITY NUMBER	DATE	COUNTRY				
201430328603.5	05/09/2014	CHINA	3.3 Contraction (1997)			
DESIGN NUMBER		205435				
CLASS		09-02				
1)MRS. SANGEETA BANSAL, AN NEPTUNE LUBS (INDIA) LTD., ADDRESS 1201, PRAGATI TOW						
DATE OF REGISTRATION	14	4/07/2006				
TITLE		CAN	(a) **			
PRIORITY NA						

DESIGN NUMBER		270420					
CLASS		09-01					
DAMAN, DAMAN-396210, INDIA, INDIAN PARTNERSHIP FIRM,	1)NAYASA POLYPLAST OF G-9 UDYOG NAGAR O.I.D.C., RINGANVADA NANI DAMAN, DAMAN-396210, INDIA, INDIAN PARTNERSHIP FIRM, WHOSE PARTNERS ARE DINESH LAXMINARAYAN MALIK & MANASI SACHDEV, ALL INDIAN NATIONALS						
DATE OF REGISTRATION		8/03/2015					
TITLE	I	BOTTLE					
PRIORITY NA							
DESIGN NUMBER		261914					
CLASS		08-03					
1)SUMITOMO ELECTRIC HAR CORPORATION, OF 1-1, KOYAKITA 1-CHOME, ITA	MI-SHI, HYOGO 664-0	016, JAPAN					
DATE OF REGISTRATION		2/04/2014					
TITLE	TIP FOR MET	AL CUTTING TOOL					
PRIORITY			KOX.				
PRIORITY NUMBER	DATE	COUNTRY					
2013-025263	30/10/2013	JAPAN					
DESIGN NUMBER		272996					
CLASS		23-04					
1)SAMSUNG ELECTRONICS CO 129, SAMSUNG-RO, YEONGTO REPUBLIC OF KOREA, A COMPAN	NG-GU, SUWON-SI, G						
DATE OF REGISTRATION	2:	3/06/2015					
TITLE	AIR	R PURIFIER					
PRIORITY PRIORITY NUMBER 201430554818.9							

DESIGN NUMBER		204784	
CLASS		21-01	
1)NINTENDO CO. LTD., A CO UNDER THE LAWS OF JAPAN, OF 11-1, HOKOTATE-CHO, K JAPAN			
DATE OF REGISTRATION		26/01/2006	
TITLE	CARTRIDG	E FOR ELECTRONIC GA MACHINE	AME
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2006-001639	26/01/2006	JAPAN	
DESIGN NUMBER		274443	
CLASS		26-02	
1) DECATHLON, 4, BOULEVARD DE MONS, 5 [,] COMPANY OF FRANCE	9650, VILLENEUVE	D'ASCQ, FRANCE, A	
DATE OF REGISTRATION		13/08/2015	
TITLE		LAMP	The second s
PRIORITY PRIORITY NUMBER 002633701-0002	DATE 13/02/2015	COUNTRY OHIM	
DESIGN NUMBER		269497	
CLASS		13-02	
1) APPLE INC., 1 INFINITE LOOP, CUPERTIN AMERICA	NO, CALIFORNIA 95	014, UNITED STATES O	F
DATE OF REGISTRATION	11	/02/2015	
TITLE	CHARGER FOR I	ELECTRONIC DEVICE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/498,998	11/08/2014	U.S.A.	10

DESIGN NUMBER			205	434	
CLASS			09-	-02	9
1)MRS. SANGEETA BAN NEPTUNE LUBS (INDIA) L ADDRESS 1201, PRAGA NATIONALITY: INDIAN	TD.,				Contraction of the second seco
DATE OF REGISTRATION			14/07	/2006	1
TITLE			CA	AN	
PRIORITY NA					
DESIGN NUMBER			270	414	
CLASS			24-	-01	
1)KARL STORZ GMBH & MITTELSTRASSE 8, D-7				IY OF	- T
DATE OF REGISTRATION			18/03	/2015	
TITLE		SHOU	LDER POSI	FIONING DEVICE	0
PRIORITY PRIORITY NUMBER 002541524-0001	DATE COUNTRY 19/09/2014 OHIM				
DESIGN NUMBER			269	852	
CLASS			14-	-03	
1) SAMSUNG ELECTRON 129, SAMSUNG-RO, YEC REPUBLIC OF KOREA, A C	ONGTONG-C	GU, SUWC			0 - 00 0
DATE OF REGISTRATION			25/02	/2015	
TITLE			MOBILE	PHONE	
PRIORITY PRIORITY NUMBER 30-2014-0047855	DATE 02/10/2	014	COUNTRY REPUBLIC	OF KOREA	

				1										
DESIGN NUMBER	26	51913												
CLASS	0	08-03												
1)SUMITOMO ELECTRIC CORPORATION, OF 1-1, KOYAKITA 1-CHOM JAPAN		,		K				-		1				
DATE OF REGISTRATION	22/0	04/2014				/	/	4	C		Ľ	(-	M
TITLE	TIP FOR META	L CUTTI	NG TOOL		1	~		T				1		1
PRIORITY				1.5TL-			1	1						_
PRIORITY NUMBER	DATE	COU	NTRY					1						
2013-025262	30/10/2013	JAPA	AN											
DESIGN NUMBER		2694	95	I										
CLASS		25-0	03		-									-
1)HINDUSTAN UNILEVE UNDER THE INDIAN COM REGISTERED OFFICE AT UNILEVER HOUSE, B. D	PANIES ACT, 191 3 . SAWANT MARG,	CHAKA	LA, ANDHEI		Service of		A COLORED				THE REAL PROPERTY OF		ŀ	
UNDER THE INDIAN COM REGISTERED OFFICE AT UNILEVER HOUSE, B. D (EAST), MUMBAI 400099, ST DATE OF REGISTRATION TITLE	PANIES ACT, 191 3 . SAWANT MARG,	CHAKA	LA, ANDHEI INDIA 2015											
UNDER THE INDIAN COM REGISTERED OFFICE AT UNILEVER HOUSE, B. D (EAST), MUMBAI 400099, ST DATE OF REGISTRATION TITLE	PANIES ACT, 191 3 . SAWANT MARG,	CHAKA SHTRA, 11/02/2	LA, ANDHEI INDIA 2015 SK											
UNDER THE INDIAN COM REGISTERED OFFICE AT UNILEVER HOUSE, B. D (EAST), MUMBAI 400099, ST DATE OF REGISTRATION TITLE PRIORITY NA	PANIES ACT, 191 3 . SAWANT MARG,	CHAKA SHTRA, 11/02/2 KIO	LA, ANDHEI INDIA 2015 SK							A MARTINE AND A				
UNDER THE INDIAN COM REGISTERED OFFICE AT UNILEVER HOUSE, B. D (EAST), MUMBAI 400099, ST DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER	PANIES ACT, 1913 SAWANT MARG, TATE OF MAHARA	CHAKA SHTRA, 11/02/2 KIO2 27058 21-0 STABLIS	LA, ANDHEI INDIA 2015 SK 31 1 SHED UNDE	21										
UNDER THE INDIAN COM REGISTERED OFFICE AT UNILEVER HOUSE, B. D (EAST), MUMBAI 400099, ST DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)AUDI AG, A JOINT STO GERMAN LAW OF	PANIES ACT, 1913 SAWANT MARG, TATE OF MAHARA	CHAKA SHTRA, 11/02/2 KIO2 27058 21-0 STABLIS	LA, ANDHEI INDIA 2015 SK 31 1 SHED UNDE MANY	21										
UNDER THE INDIAN COM REGISTERED OFFICE AT UNILEVER HOUSE, B. D (EAST), MUMBAI 400099, ST DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)AUDI AG, A JOINT STO GERMAN LAW OF AUTO-UNION-STR. 1, D-	PANIES ACT, 1913 SAWANT MARG, TATE OF MAHARA CATE O	CHAKA SHTRA, 11/02/2 KIO2 27058 21-02 STABLIS DT, GERM	LA, ANDHEI INDIA 2015 SK 31 1 SHED UNDE MANY 015	21	1									
UNDER THE INDIAN COM REGISTERED OFFICE AT UNILEVER HOUSE, B. D (EAST), MUMBAI 400099, ST DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)AUDI AG, A JOINT STO GERMAN LAW OF AUTO-UNION-STR. 1, D- DATE OF REGISTRATION	PANIES ACT, 1913 SAWANT MARG, TATE OF MAHARA CATE O	CHAKA SHTRA, 11/02// KIO 27058 21-0 STABLIS DT, GERM 26/03/2	LA, ANDHEI INDIA 2015 SK 31 1 SHED UNDE MANY 015	21										
UNDER THE INDIAN COM REGISTERED OFFICE AT UNILEVER HOUSE, B. D (EAST), MUMBAI 400099, ST DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)AUDI AG, A JOINT STO GERMAN LAW OF AUTO-UNION-STR. 1, D- DATE OF REGISTRATION TITLE	PANIES ACT, 1913 SAWANT MARG, TATE OF MAHARA CATE O	CHAKA SHTRA, 11/02/2 KIO2 27058 21-02 STABLIS DT, GERM 26/03/22 MODEL	LA, ANDHEI INDIA 2015 SK 31 1 SHED UNDE MANY 015	21										

DESIGN NUMBER		272377	
CLASS		13-03	
1)CONA INDUSTRIES, 20/21, NIRAJ INDUSTRIAL ESTA EAST, MUMBAI-400093, MAHARAS PROPRIETORY FIRM, WHOSE PROI MOTWANI, AN INDIAN NATIONAL SANTACRUZ WEST, MUMBAI 4000.	HTRA, INDIA, AN IN PRIETOR IS PRAKASI ,, RESIDENT OF GARI	DIAN SOLE H NARAINDAS DEN QUEEN,	RI
DATE OF REGISTRATION	27	//05/2015	
TITLE	BEI	O SWITCH	
PRIORITY NA			
DESIGN NUMBER		205036	
CLASS		13-03	No. of Concession, Name
1)HIMGIRI ENTERPRISES (P) LT UNDER THE COMPANIES ACT, 19 3337-B, MAHINDRA PARK, RAN DATE OF REGISTRATION TITLE PRIORITY NA	956, I BAGH, DELHI-11003 12		
DESIGN NUMBER		274271	
CLASS		12-16	
1)AUDI AG, A JOINT STOCK CO LAW OF AUTO-UNION-STR. 1, D-85045 IN			
DATE OF REGISTRATION	07	7/08/2015	
DATE OF REGISTRATION TITLE		7/08/2015 IM FOR VEHICLE	
TITLE			

DESIGN NUMBER		270061		
CLASS		12-16		
1)AUTOMOBILI LAMBOR VIA MODENA 12, 40019 S				
DATE OF REGISTRATION		03/03/20	15	
TITLE	WHEEL	RIM FOR	VEHICLES	
PRIORITY				
PRIORITY NUMBER	DATE	C	OUNTRY	
002530360-0003	03/09/2014	+ C	HIM	
DESIGN NUMBER		269532		
CLASS		02-04		
1)DIADORA SPORT S.R.L VIA MONTELLO, 80, 3103			CO-ITALY	
DATE OF REGISTRATION		11/02/2015		
TITLE	F	FOOTWEA	R	
PRIORITY				
PRIORITY NUMBER	DATE		DUNTRY	
DM/084 153	11/08/2014	IT	ALY	
DESIGN NUMBER	2	69361		
CLASS	(06-01		
1)U:THENTIC PTY LTD., J UNIT 4, 27 GODWIN STR AUSTRALIA	AN AUSTRALIAN EET, BULIMBA, 4	N COMPA 1171, QUE	NY, Ensland,	
DATE OF REGISTRATION	06/	/02/2015		
TITLE	CHAIR	WITH TRA	AY	
PRIORITY PRIORITY NUMBER 357363	DATE 07/08/2014	COUNT		
	07/00/2011			

DESIGN NUMBER		269	967		
CLASS	24-02				
1)MERCK SHARP & DOH NEW JERSEY, USA OF 126 EAST LINCOLN AVE 0907, UNITED STATES OF AI	NUE, R	AHWAY, NE			A S S S S THAT
DATE OF REGISTRATION		27/02	/2015		A CONTRACTOR OF A CONTRACTOR O
TITLE	M	EDICAL INJE	CTOR DEVIC	E	E
PRIORITY					
PRIORITY NUMBER	D.	ATE	COUNTRY		
29/500640	27	/08/2014	U.S.A.		
DESIGN NUMBER		27	0312		
CLASS		12	2-16		
1)HONDA MOTOR CO., L' 1-1, MINAMI-AOYAMA 2 8556, JAPAN					
DATE OF REGISTRATION		12/0	3/2015		
TITLE	FRO	NT BUMPER	FOR AUTOMO	OBILE	
PRIORITY					
PRIORITY NUMBER	D	ATE	COUNTRY	r	
2014-021099	2	4/09/2014	JAPAN		
DESIGN NUMBER			27060	00	
CLASS			08-0	7	
1)GODREJ & BOYCE MFC LOCKS DIVISION (PLAN 400079, MAHARASHTRA, IN	Г-18), І	PIROJSHANA		DLI, MU	MBAI -
DATE OF REGISTRATION			26/03/2	2015	
TITLE			PADLO	ЭСК	
PRIORITY NA					

l

DESIGN NUMBER	205655	
CLASS	09-01	
COMPANIES ACT, 1956 WHOSE ADDRESS IS 105/106, I	D, A COMPANY INCORPORATED UNDER THE DREAM SQUARE, 1ST FLOOR, OFF NEW LINK AI 400053, MAHARASHTRA, INDIA, AN INDIAN 26/06/2006 BOTTLE	
DESIGN NUMBER	272434	
	08-99	
1) SHUBH KUMAR H.NO. 72E, SHAHEED BHAGAT LUDHIANA, INDIA,	' SINGH NAGAR, PAKHOWAL ROAD,	
DATE OF REGISTRATION	30/05/2015	The second secon
TITLE	SHUTTER GEAR BOX	
PRIORITY NA		
DESIGN NUMBER	274276	
CLASS	09-01	
SIDCO INDUSTRIAL COMPLEX	N SOLE PARTNERSHIP FIRM AT K, BARI BRAHMANA, JAMMU (J & K) WHOSE AL AND VIPIN MITTAL AN INDIAN NATIONAL	
DATE OF REGISTRATION	07/08/2015	
TITLE	BOTTLE	
PRIORITY NA		

DESIGN NUMBER			270069		
CLASS		15-05			
1)KONINKLIJKE PHILIP UNDER THE LAWS OF TH EINDHOVEN, WHOSE POS HIGH TECH CAMPUS 5,	E KINGI T-OFFIC	OOM OF THE NETH CE ADDRESS IS	IERLANDS	, RESIDING AT	·
DATE OF REGISTRATION		0	3/03/2015		
TITLE		FAMILY GA	RMENT SA	NITIZER	
PRIORITY					
PRIORITY NUMBER		DATE	COUN	VTRY	
002529917-0001		03/09/2014	OHIM	[
					- Bar
DESIGN NUMBER			269641		
CLASS			24-99		
1)AMERICAN STERILIZI OF THE ADDRESS: 5960 HEISLEY ROAD ME					
DATE OF REGISTRATION		1	6/02/2015		
TITLE		VIAL FOR SELF-C	CONTAINED	BIOLOGICAL	
PRIORITY PRIORITY NUMBER		DATE	COUN	VTRY	
29/500,960		29/08/2014	U.S.A		
DESIGN NUMBER		269843			
CLASS		12-16			
1)TATA MOTORS LIMIT BOMBAY HOUSE, 24 HC CHOWK, MUMBAI 400001, 1	MI MOD	Y STREET, HUTAT			
DATE OF REGISTRATION		25/02/2015			
TITLE	FRC	ONT LOWER GRILL	E OF A		
PRIORITY NA					

DESIGN NUMBER		2619	011	
CLASS	08-03			
1)SUMITOMO ELECTRIC HA CORPORATION, OF 1-1, KOYAKITA 1-CHOME, IT				
DATE OF REGISTRATION		22/04/2	2014	
TITLE	TIP FOR ME	ETAL (CUTTING TOOL	
PRIORITY				
PRIORITY NUMBER	DATE		COUNTRY	
2013-025260	30/10/2013		JAPAN	
DESIGN NUMBER	,	274324	1	
CLASS		23-01		
ITS CORPORATE OFFICE AT 'WHIRLPOOL HOUSE', PL HARYANA, INDIA DATE OF REGISTRATION		R-44, 0		
TITLE	WATER PURIFIER			
PRIORITY NA				
DESIGN NUMBER	,	269486	5	
CLASS	19-02			
1) SHACHIHATA, INC., A JAPA NO. 69, 4-CHOME, AMAZUKA AICHI, JAPAN			YA-SHI,	
DATE OF REGISTRATION	11/02/2015			
TITLE	STAMP			
PRIORITY				
PRIORITY NUMBER	ER DATE		COUNTRY	
2014-017758	18/08/2014	J	APAN	

DESIGN NUMBER		270361	
CLASS		08-06	
1)SUMANGAL TECHNOCAST INCORPORATED UNDER THE PRINCIPAL PLACE OF BUSIN AIMS INDUSTRIAL PARK, S BEHIND GOLDEN IND. AREA, F DATE OF REGISTRATION TITLE PRIORITY NA	COMPANIES A ESS AT ADDRES URVEY NO. 195/	ACT, 1956) HAVING ITS SS: /P 66, 80 FEET ROAD,	
DESIGN NUMBER		271336	
CLASS		09-07	
		HCARE HOLDINGS (US) LLC, LMINGTON, DELAWARE 19808, 13/04/2015	
TITLE		CAP FOR CONTAINER	
DESIGN NUMBER		272878	
CLASS		14-03	
1)SAMSUNG ELECTRONICS	FONG-GU, SUW	ON-SI, GYEONGGI-DO, 443-742,	
DATE OF REGISTRATION		19/06/2015	
TITLE	CC	OVER FOR MOBILE PHONE	G
PRIORITY PRIORITY NUMBER 30-2015-0008475	DATE 16/02/2015	COUNTRY REPUBLIC OF KOREA	

DESIGN NUMBER		270599	
CLASS		14-02	
		A KOREAN COMPANY, OF UWON-SI, GYEONGGI-DO 443-742	
DATE OF REGISTRATION		26/03/2015	
TITLE		ALL-IN-ONE PC	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
KR 30-2014-0064232	30/12/2014	REPUBLIC OF KOREA	
DESIGN NUMBER CLASS		271501	
1)GODREJ & BOYCE MF(INCORPORATED UNDER T	THE COMPANI	INDIAN COMPANY	-
DATE OF REGISTRATION		17/04/2015	
TITLE		REFRIGERATOR	
PRIORITY NA			
DESIGN NUMBER		205648	
CLASS		02-04	
REGISTERED UNDER COM	IPANIES ACT,1 2D OFFICE AT N	T D., AN INDIAN COMPANY, 956, H-17, KUNDAYITHODE, KOLATH	ARA
DATE OF REGISTRATION		18/08/2006	
TITLE		SOLE FOR FOOTWEAR	18
PRIORITY NA	I		

DESIGN NUMBER		205040		
CLASS		13-03		
1)HIMGIRI ENTERPRISES (UNDER THE COMPANIES AC 3337-B, MAHINDRA PARK,	СТ, 1956,		RPORATED	
DATE OF REGISTRATION		13/06/2006		
TITLE		SOCKET		•
PRIORITY NA				4 6
DESIGN NUMBER	27	75200		·
CLASS	2	4-02		R
1)KARL STORZ GMBH & C MITTELSTRASSE 8, D-7853	O. KG, A GERMAN 2 TUTTLINGEN, GE	COMPANY OF RMANY		15
DATE OF REGISTRATION	03/0	09/2015		
TITLE	GRIP OF A SI	ALENDOSCOPE		
PRIORITY PRIORITY NUMBER 002657437-0001	DATE 17/03/2015	COUNTRY OHIM		
DESIGN NUMBER		274275	1	
CLASS		24-04		6
1)CIPLA EUROPE NV, A BO LAWS OF BELGIUM HAVINO UITBEIDINGSTRAAT 80, 20	G ITS REGISTERED	OFFICE AT	DER THE	
DATE OF REGISTRATION		07/08/2015		
TITLE		INHALER		
PRIORITY NA				

DESIGN NUMBER		269640				
CLASS		13-03				
REGIONAL OFFICES AT PLOT NO. 9/1, DJ BLOCI CITY, KOLKATA-700091	F REGION K, 3RD FLO , ERED OFFI	LS LIMITED, WITH ONE AL OPERATIONS DIVISIO OOR, KARUNAMOYEE, S CE AT BHEL HOUSE SIRI I COMPANY	ON (ROD), LAT LAKE	2		
DATE OF REGISTRATIO	DN	16/02/2015			-	
TITLE		EXTENDED ROTARY TA ELECTRO DISCHARGE MACHINE				
PRIORITY NA						
DESIGN NUMBER		26937	74			
CLASS		12-1	6			
	HOMI MOI	INDIAN COMPANY OF DY STREET, HUTATMA CI	HOWK, MUMBAI			
DATE OF REGISTRATIO	ON	06/02/2	015			1
TITLE		BRACKET FOR MOU HARNESS IN A				Ľ.
PRIORITY NA						C,
DESIGN NUMBER		270584		L		
CLASS		08-06	_			
1)MITESHBHAI J PAN NATIONAL) HAVING PI 2, PATELNAGAR, SAL ENTERPRISE, 50 FEET RC	LACE OF B DBHAVNA,	BUSINESS AT: , PLOT, NR: BHAGWATI				- Real
DATE OF REGISTRATION		26/03/2015	1			
TITLE		HANDLE				
PRIORITY NA			1			

DESIGN NUMBER	271499	
CLASS	15-07	
1)GODREJ & BOYCE MFG. CO. L INCORPORATED UNDER THE CO GODREJ APPLIANCE, PLANT 11, MUMBAI-400079, INDIA		
DATE OF REGISTRATION	17/04/2015	
TITLE	REFRIGERATOR	
PRIORITY NA		
DESIGN NUMBER	272379	
CLASS	13-03	
1)CONA INDUSTRIES, 20/21, NIRAJ INDUSTRIAL ESTA EAST, MUMBAI-400093, MAHARASI PROPRIETORY FIRM, WHOSE PROP AN INDIAN NATIONAL, RESIDENT MUMBAI 400054, MAHARASHTRA,		
DATE OF REGISTRATION	27/05/2015	
TITLE	MULTI-PLUG WITH INDICATOR	
PRIORITY NA		
DESIGN NUMBER	205038	
CLASS	13-03	
1)HIMGIRI ENTERPRISES (P) LT UNDER THE COMPANIES ACT, 19 3337-B, MAHINDRA PARK, RANI		
DATE OF REGISTRATION	12/06/2006	
TITLE	SWITCH BOARD	
PRIORITY NA		

DESIGN NUMBER				275191		
CLASS				~		
1)JOEYFORLIFE CO., LT 480-192, JANGAN-RO, JA 944, REPUBLIC OF KOREA, 1	NGAN-M	IYEON, H	WASEON		NGGI-DO 4	445-
DATE OF REGISTRATION			C	03/09/2015		
TITLE			SHC	OWER HEAD)	
PRIORITY						
PRIORITY NUMBER	DAT	Έ	COUN	TRY		
30-2015-0011166	05/03	3/2015	REPUE	BLIC OF KO	REA	
DESIGN NUMBER				274		_
CLASS				-02		A.
1)BROTHER INDUSTRIES EXISTING UNDER THE LA 15-1, NAESHIRO-CHO, M	WS OF J	APAN OF	7			Contraction of the second seco
DATE OF REGISTRATION			07/08	/2015		
TITLE		TONER CARTRIDGE				
PRIORITY		1		-		
PRIORITY NUMBER		DATE COUNTRY		Y	Sel I	
2015-002399		09/02/20	2/2015 JAPAN			UP
DESIGN NUMBER		27	/0062			
CLASS		1	2-08			
1)AUTOMOBILI LAMBOI COMPANY OF VIA MODENA 12, 40019 S ITALY		,				
DATE OF REGISTRATION		03/03/2015			10	
TITLE		CAR				
PRIORITY					100	
PRIORITY NUMBER	DAT	ГЕ	COUN	TRY	R.	S RY
002530360-0002	03/0	9/2014	OHIM			
	1		1			

DESIGN NUMBER		269588		
CLASS		23-02		
1)CERA SANITARYWARE L THE INDIAN COMPANIES AC MADHUSUDAN HOUSE, OF NAVRANGPURA, AHMEDABA	C T, HAVING ITS A PP: NAVRANGPUR	DDRESS AT, A TELEPHONE EXC		
DATE OF REGISTRATION		13/02/2015		
TITLE		URINAL		
PRIORITY NA				
DESIGN NUMBER		270402		
CLASS		14-99		
1)ENDLESS MOBILE, INC. A THE ADDRESS: 512 2ND STREET, FLOOR 3, OF AMERICA			100	
DATE OF REGISTRATION		17/03/2015		
TITLE	DES	SKTOP COMPUTER		
PRIORITY PRIORITY NUMBER	DATE	COUNTRY	Č I	
29/502,542	17/09/2014	U.S.A.		
DESIGN NUMBER		1447		
CLASS		5-99		
1)SANDVIK INTELLECTUA OF SE-811 81 SANDVIKEN,		DISH COMPANY	0	
DATE OF REGISTRATION	16/04	4/2015		
TITLE	CRU	SHER	Contraction	The Children of the second
PRIORITY				MAN AN
PRIORITY NUMBER	DATE	COUNTRY		
001423602-0001	23/10/2014	OHIM		

DESIGN NUMBER			271	850	
CLASS		13-03			
1)LINAK A/S, A DANISI OF SMEDEVAENGET				ORG, DENN	MARK
DATE OF REGISTRATIO	N		01/05/	/2015	
TITLE		Η	ELECTRIC	AL PLUG	()
PRIORITY				1	O States
PRIORITY NUMBER		DATE		COUNTRY	Y
DA 2014 00109		12/11/201	14	DENMARI	к
DESIGN NUMBER		2.7	72060		
CLASS			3-99		
1)LINAK A/S, A DANISI OF SMEDEVAENGET DENMARK				ORG,	
DATE OF REGISTRATION		12/05/2015			
TITLE	CON	CONTROL BOX FOR LINEAR ACTUATOR			
PRIORITY					
PRIORITY NUMBER	DAT	E	COUN	ΓRY	
DA 2014 00110	12/11	/2014	DENM	ARK	
DESIGN NUMBER		27	74321		
CLASS		0	3-01		7
1)SYNERGY TOOLS PE COMPANY, INDIAN NAT A/204, KRISHNA HEIG (EAST), MUMBAI-400097,	T IONAL, HA HTS, UPPER	VING IT GOVINI	T S OFFICE D NAGAR,	EAT	
DATE OF REGISTRATION		10/08/2015			
TITLE	MC	MOBILE PHONE HOLDER			
PRIORITY NA					

DESIGN NUMBER	270398				
CLASS			12-16		
1)TATA MOTORS LIMIT BOMBAY HOUSE, 24 HO 400001, MAHARASHTRA, IN	MÍ MODY S			WK, MUMBAI	
DATE OF REGISTRATION			17/03/201	i	
TITLE	FR	ONT PI	VOT BRACKET F SUSPENSIC	OR TWIST BLADE N	3
PRIORITY NA					
DESIGN NUMBER		269	839		
CLASS		12-	-16		
1)TATA MOTORS LIMIT BOMBAY HOUSE, 24 HC CHOWK, MUMBAI 400001, 1	MI MODY S	TREET,	HUTATMA		THE
DATE OF REGISTRATION	25/02/2015			W	
TITLE	FRONT E	BUMPE	R OF A VEHICLE	C	U
PRIORITY NA					
DESIGN NUMBER		271	800		
CLASS		10-	-05		
1)THOMAS & BETTS INTERNATIONAL LLC, A COMPANY INCORPORATED UNDER THE LAWS OF DELAWARE, WHOSE ADDRESS IS 501 SILVERSIDE ROAD, SUITE 67, WILMINGTON DELAWARE 19809, USA					
DATE OF REGISTRATION	29/04/2015				
TITLE	LIGHTNING CONDUCTOR STRIP				////
PRIORITY				X	
PRIORITY NUMBER	DATE COUNTRY				V .
002683938	17/04/20	17/04/2015 OHIM			

DESIGN NUMBER	274932						
CLASS	09-04						
1)BHARATBHAI K. TRAPASIY PRINCIPAL PLACE OF BUSINES B-35, SHREE RAM ESTATE, OI GIDC, ODHAV, AHMEDABAD, GU							
DATE OF REGISTRATION	E OF REGISTRATION 26/08/2015						
TITLE	KITCHEN BASKET						
PRIORITY NA							
DESIGN NUMBER	274587						
CLASS	05-05						
UNDER THE PROVISION OF CO REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC,	PRINTS PVT. LTD. A COMPANY REGISTERED MPANIES ACT, 1956 HAVING ITS PANDESARA, SURAT-394221 GUJARAT	-					
DATE OF REGISTRATION	17/08/2015						
TITLE	TEXTILE FABRIC						
PRIORITY NA							
DESIGN NUMBER	270326						
CLASS	28-99	A DESCRIPTION OF THE OWNER OF THE					
THE INDIAN COMPANIES ACT,	TED, A COMPANY INCORPORATED UNDER AT AM MORARJEE MARG, BALLARD ESTATE,						
DATE OF REGISTRATION	12/03/2015						
TITLE	ROOM FRESHNER						
PRIORITY NA							

DESIGN NUMBER		70666	
CLASS	1	5-01	
1)POONA SHIMS PRIVATE LIMITE THE INDIAN COMPANIES ACT, AT 73/10+11, VADGAON, MAVAL, MUI MAHARASHTRA, INDIA			
DATE OF REGISTRATION	27/	03/2015	Sterre B
TITLE	OIL COOLER	CORE ASSEMBLY	
PRIORITY NA			
DESIGN NUMBER	2'	71583	
CLASS	2	26-04	
1)TAI-HER YANG, A CITIZEN OF R NO. 59, CHUNG HSING 8 ST., SI-HU			
DATE OF REGISTRATION	21/	04/2015	
TITLE	LED LI	GHT BULB	
PRIORITY PRIORITY NUMBER 29/507,565	0000		
DESIGN NUMBER	2'	72585	
CLASS		1-02	-
1)SAMIR HANSRAJ SATANI AN INI			-
AT 8, SWASHRAY SOCIETY, MAVDI P			
DATE OF REGISTRATION	05/	06/2015	
TITLE	FLOV	VER POT	
PRIORITY NA			

DESIGN NUMBER			274			
CLASS	14-03					
1)SOMFY SAS, A JOINT S UNDER THE LAWS OF FR OF 50, AVENUE DU NOU	ANCE,					A
DATE OF REGISTRATION			21/08	/2015		
TITLE			REMOTE O	CONTRO	JL	
PRIORITY						
PRIORITY NUMBER		DATE		COUN	ITRY	0
DM/085 946		20/03/20	15	WIPO		
						J J
DESIGN NUMBER	270086					
CLASS			08-	06		
1)KENWOOD LIMITED, A COMPANY EXISTING UNDER THE LAWS OF UNITED KINGDOM, 1 KENWOOD BUSINESS PARK, NEW LANE, HAVANT, HAMPSHIRE, PO9 2NH, UNITED KINGDOM						
DATE OF REGISTRATION			03/03			
TITLE		CONTROL KNOB FOR MIXER		MIXER		
PRIORITY						
PRIORITY NUMBER		DATE COUN				
002641423		25/02/20	15	OHIM	[
DESIGN NUMBER		2703	13			
CLASS	12-16					
1)HONDA MOTOR CO., LTD., A JAPANESE CORPORATION, OF 1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107- 8556, JAPAN						
DATE OF REGISTRATION	12/03/2015					
TITLE	REAR BUMPER FOR AUTOMOBILE					
PRIORITY					6	- F.
PRIORITY NUMBER	DA	TE COUNTRY				
2014-021101	24/0	09/2014	JAPAN			

DESIGN NUMBER			270601		
CLASS		08-07			
1)GODREJ & BOYCE MFO LOCKS DIVISION (PLAN 400079, MAHARASHTRA, IN	Γ-18), F	PIROJSHAN		UMBAI -	
DATE OF REGISTRATION			26/03/2015		
TITLE			PADLOCK		
PRIORITY NA					R R R R R R R R R R R R R R R R R R R
DESIGN NUMBER		2	71521		
CLASS		1	5-06		
1)MASCHINENFABRIK RI ORGANIZED AND EXISTIN SWITZERLAND, OF KLOSTERSTRASSE 20 DATE OF REGISTRATION	G UNE), 8406	DER THE LA WINTERTH 20/0	AWS OF		20
TITLE			CHINE		
PRIORITY					
PRIORITY NUMBER		ATE	COUNTRY		
DE 40 2014 101 008.0	21	/10/2014	GERMANY		
DESIGN NUMBER			205656		
CLASS	09-01				
1)PROVOGUE (INDIA) LIN COMPANIES ACT, 1956 WHOSE ADDRESS IS 105/ ROAD, ANDHERI (WEST), M NATIONAL.	/106, D	REAM SQU	ARE, 1ST FLOOR, OF	F NEW LINK	
DATE OF REGISTRATION 26/06/200		26/06/2006		-E	
TITLE			BOTTLE		A DECISION OF THE OWNER.
PRIORITY NA					

DESIGN NUMBER	272435				
CLASS	12-11				
1)ADVANCE PLASTIC IN STATION ROAD, DHANE	-				
DATE OF REGISTRATION		30/05/2015	Sec.	No. of Concession, Name	
TITLE	PAD	DLE FOR CYCLES	11 and 1		
PRIORITY NA					
DESIGN NUMBER		2745	19		
CLASS		05-0	5		<u>如此前所有的错误</u> 逃到
1)SIDDHI VINAYAK KNO UNDER THE PROVISION O REGISTERED OFFICE AT A-26, CENTRAL PARK, G DATE OF REGISTRATION					
TITLE		17/08/2 TEXTILE F			
PRIORITY NA					
DESIGN NUMBER		27469	97		
CLASS		15-0	5		\sim
1)LG ELECTRONICS INC. KOREA OF 128, YEOUI-DAERO, YEC NATIONALITY: REPUBLIC (NGDEUNGP			JC OF	
DATE OF REGISTRATION		21/08/2			
TITLE		WASHING N			
PRIORITY PRIORITY NUMBER]				
30-2015-0011078	04/03/201	5 REPUBLIC C	F KOREA		
		I			

DESIGN NUMBER			2700	70		
CLASS			15-0			
1)KONINKLIJKE PHILIPS N UNDER THE LAWS OF THE I EINDHOVEN, WHOSE POST- HIGH TECH CAMPUS 5, 563	KINGDO OFFICE	M OF THE N ADDRESS IS	ETHERL	ANDS, RES		
DATE OF REGISTRATION			03/03/2	2015		
TITLE		BABY (GARMEN	T SANITIZE	ER	
PRIORITY PRIORITY NUMBER 002529917-0002		DATE COUNTRY 03/09/2014 OHIM				
DESIGN NUMBER			2696	44		
CLASS			13-0	3		
1)EMERSON NETWORK PC INCORPORATED UNDER TH PLOT C2D. ROAD 19, WAG 400604, MAHARASHTRA, IND	E INDIA LE INDU	N COMPANI	ES ÁCT,	АТ	MBAI-	
DATE OF REGISTRATION			16/02/2	2015		
TITLE		DC	C POWER	SYSTEM		
PRIORITY NA						
DESIGN NUMBER		2703	390			
CLASS		07-0	05			0
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						CLEARA
DATE OF REGISTRATION		17/03/				
TITLE		ELECTRIC DRY IRON				
PRIORITY PRIORITY NUMBER 002540153-0001		DATE COUNTRY 18/09/2014 OHIM			H	
					6	

DESIGN NUMBER		269830	
CLASS		03-01	
	IAL EST	I AL) OF FATE, NEAR WESTERN EXPRESS JMBAI-400063, MAHARASHTRA,	
DATE OF REGISTRATION		25/02/2015	
TITLE		JEWELLERY BOX	
PRIORITY NA			
DESIGN NUMBER		272269	
CLASS		11-02	
ADDRESS AT "VASTU", 147, RAVI RES ROAD, RAJKOT (GUJARAT)	IDENCY	RANA AN INDIAN NATIONAL AN	
DATE OF REGISTRATION TITLE		21/05/2015 FLOWER POT	
PRIORITY NA			
DESIGN NUMBER		271619	
CLASS		24-01	
INDIA AND HEALTHCARE 1	INDIAN AL ARI ECHNC S RESE		
DATE OF REGISTRATION		23/04/2015	
TITLE	MEDIC	CAL ANALYZER FOR LATERAL FLOW ASSAYS	
PRIORITY NA			

DESIGN NUMBER	272949			
CLASS		09-03		
U.P., INDIA (AN INDIAN PR	OPRIET	ALA KUA, ALIGARH-202001, DRSHIP FIRM WHOSE AR AN INDIAN NATIONAL OF		
REGISTRATION		22/06/2015		
TITLE		PACKAGING BOX		
PRIORITY NA				C. Standard
DESIGN NUMBER		270143		
CLASS		28-02		
WORLDWIDE PERFUMER GALA NO. 105, 1ST FLOO	Y EXPO OR, DAM	TH, PROPRIETOR OF M/S. AKM PRTS, HAVING HIS OFFICE AT 1A INDUSTRIAL ESTATE, DHUN ST. PALGHAR-401208, MAHARA	/IAL NAGAR,	
DATE OF REGISTRATION		05/03/2015		
TITLE		PERFUME BOTTLE	CAP	
PRIORITY NA				
DESIGN NUMBER		269832		
CLASS		23-04		
1)GROUPE SEB INDIA PE A-25, FIRST FLOOR, MO DELHI-110044, DELHI, INDI	HAN CO	LIMITED, -OPERATIVE INDUSTRIAL ARE	A, NEW	
DATE OF REGISTRATION	N 25/02/2015			
TITLE		AIR COOLER		
PRIORITY NA				

DESIGN NUMBER		270391			
CLASS			06-04		<i>A</i> n
1)HAMAD F. H. S. ALEISA, A F THE UK OF 35 PARK MANSIONS, 141 KN KINGDOM					
DATE OF REGISTRATION		17/03/2015			
TITLE		MC	DULAR SH	ELVING	
PRIORITY	1				
PRIORITY NUMBER	DA	ATE	C	COUNTRY	
29/502695	18	/09/2014	4 U	J.S.A.	-attal
	•				- Walt
DESIGN NUMBER			271	634	
CLASS			06	-06	
1)STAGE ELECTRICS PARTN ORGANIZED AND EXISTING U HAVING ITS ADDRESS AT THIRD WAY, AVONMOUTH,	NDER T	'HE LA'	WS OF UNI	FED KINGDOM	
DATE OF REGISTRATION			23/04	/2015	
TITLE			LECT	ſERN	98
PRIORITY					
PRIORITY NUMBER		DATE COUNTRY			
002563585-0001		24/10/2014 OHIM			
DESIGN NUMBER			272	952	
CLASS			14	-03	
1)SAMSUNG ELECTRONICS (129, SAMSUNG-RO, YEONGT REPUBLIC OF KOREA, A COMPA	ONG-GU	J, SUWO	,		
DATE OF REGISTRATION		22/06/2015			
TITLE		COVER FOR MOBILE PHONE			
	DATE 16/02/201	15	COUNTRY	OF KOREA	
	. •				

				<u>.</u>
DESIGN NUMBER		270146		
CLASS 23-04				
1)SHAIKH NISAR ABDUL MANGALWAR PETH, NEA MAHARASHTRA, INDIA AI NATIONAL, RESIDING AT S. NO. 202/1, SUKUN BUN DATE OF REGISTRATION TITLE PRIORITY NA	R HOTEL ORIENT ND ADONI IFTEKH NGALOW, PUNE-41	, PUNE-411011, IAR AKBAR, INDIA	AN RA, INDIA.	
	1			
DESIGN NUMBER		5081		
CLASS		2-16		
1)MINDA INDUSTRIES LI INDIAN COMPANY OF VILL. NAWADA FATEPU MANESAR, DISTT. GURGAC DATE OF REGISTRATION	JR, P.O. SIKANDER DN, HARYANA-1220	PUR BADDA,		No the second se
TITLE		WITCH FOR TWO- EELERS		Canada and C
PRIORITY NA				
DESIGN NUMBER	270	0142		
CLASS	14	-01		
1)BOSE CORPORATION, OF DELAWARE, OF THE MOUNTAIN, MS 3B 01701-9168, UNITED STATES	1 FRAMINGHAM, M			
DATE OF REGISTRATION	05/03	8/2015		
TITLE	SPEA	AKER		
PRIORITY PRIORITY NUMBER	DATE	COUNTRY		
29/502,092	11/09/2014	U.S.A.		

DESIGN NUMBER		270315					
CLASS		26-06					
1)HONDA MOTOR CO., 1-1, MINAMI-AOYAMA 8556, JAPAN						er	
DATE OF REGISTRATIO	N	12/03	3/2015			VIIIA	
TITLE	REA	AR COMBINA AUTON	ATION L. MOBILE		R		1739 1 4
PRIORITY							
PRIORITY NUMBER	D	ATE	COUN	NTRY			
2014-021108	24	4/09/2014	JAPA	N			
DESIGN NUMBER		270606					
CLASS		09-99					100000
1)TATA STEEL LIMITE DEVELOPMENT DIVISIO JAMSHEDPUR 831 001	DN,		OMPAN	Y			11/11/11/11
DATE OF REGISTRATION		26/03/2015				111	
TITLE	CUSHIO	IION FOR TRANSPORTATION OF METAL COILS			1		/////////
PRIORITY NA						eur l	
DESIGN NUMBER			205941				
CLASS		20-01					
1)SOCIETE DES PRODU UNDER THE LAWS OF T HAVING ITS REGISTE SWITZERLAND	HE SWIT	ZERLAND					NESTEA
DATE OF REGISTRATIO	N	03/04/2006			6		
TITLE		BEVERAGE DISPENS			PENSE	ER	_
PRIORITY		1	1				Lange the second
PRIORITY NUMBER		DATE	DATE COUNTRY				Fallen
132642		03/04/2006	5	SWITZE	RLAN	D	

DESIGN NUMBER		274699	
CLASS		15-05	\sim
1)LG ELECTRONICS INC., A C KOREA OF 128, YEOUI-DAERO, YEONGE NATIONALITY: REPUBLIC OF KO	EUNGPO - G	NCORPORATED IN REPUBLIC OF 5U, SEOUL, 150 - 721, KOREA;	
DATE OF REGISTRATION		21/08/2015	
TITLE		WASHING MACHINE	
PRIORITY PRIORITY NUMBER	DATE	COUNTRY	
30-2015-0011080	04/03/2015	REPUBLIC OF KOREA	
DESIGN NUMBER		274317	
CLASS		23-01	
1)MAHESH GUPTA, AN INDIA OF C-64, SECTOR - 14, NOIDA			
DATE OF REGISTRATION		10/08/2015	
TITLE		WATER PURIFIER	
PRIORITY NA			
DESIGN NUMBER		270078	-
CLASS		09-01	-
ALL PARTNERS OF M/S NAYAS REGISTERED UNDER THE PAR	A MULTIPL TNERSHIP ILLAGE VEI	SACHDEV AND MR. RAVI CHAWLA AST A PARTNERSHIP CONCERN ACT, 1932 HAVING ADDRESS AT LA BATHRI, TAHASIL HAROLI, H	
DATE OF REGISTRATION		03/03/2015	
TITLE		BOTTLE	
PRIORITY NA			

DESIGN NUMBER	269672	
CLASS	10-05	
COMPANY REGISTERED OF 401, TIRUPATI UDYOG,	PVT. LTD. (AN INDIAN PRIVATE UNDER THE INDIAN COMPANIE I. B. PATEL ROAD, OFF. WESTERN AST), MUMBAI-400063, MAHARAS	ES ACT, 1956), N EXPRESS
DATE OF REGISTRATION	19/02/2015	
TITLE	LEAKAGE TESTING INS	STRUMENT
PRIORITY NA		
DESIGN NUMBER	27040	04
CLASS	09-0	1
· · · · · · · · · · · · · · · · · · ·	VODAYA, NEAR STREET OF WEL . KOTDA SANGANI, DIST. RAJKO 17/03/2	T, GUJARAT, INDIA
TITLE	BOTT	
PRIORITY NA		~
DESIGN NUMBER	269842	
CLASS	12-16	
	ED, AN INDIAN COMPANY OF MI MODY STREET, HUTATMA MAHARASHTRA, INDIA	
DATE OF REGISTRATION	25/02/2015	
TITLE	FRONT GRILLE OF A VEHICL	E
PRIORITY NA		

DESIGN NUMBER	2	71449		
CLASS	15-99			
1)SANDVIK INTELLECTUAL OF SE-811 81 SANDVIKEN, S		SH COMPA	NY	
DATE OF REGISTRATION	16/	/04/2015		
TITLE	CR	USHER		80000
PRIORITY PRIORITY NUMBER 001423602-0003	DATE 23/10/2014	COUN OHIM	ΓRΥ	
DESIGN NUMBER		274323		
CLASS		23-04		
1)GROUPE SEB INDIA PRIVA A-25, FIRST FLOOR, MOHAN DELHI-110044, DELHI, INDIA				
DATE OF REGISTRATION	1	0/08/2015		
TITLE		FAN		
PRIORITY NA				1 Contraction of the second se
DESIGN NUMBER		27039	94	
CLASS		13-0	2	
1)PHILIP MORRIS PRODUCT QUAI JEANRENAUD 3, 2000	E <mark>S S.A., A SWISS CO</mark> NEUCHÂTEL, SWI	O MPANY (TZERLAND)F	
DATE OF REGISTRATION		17/03/2	015	
TITLE	C	CHARGING	DEVICE	N NO
PRIORITY PRIORITY NUMBER	DATE		COUNTRY	
002615112-0003	16/01/2015	i	OHIM	

DESIGN NUMBER		269833	
CLASS		23-04	
1)GROUPE SEB INDIA P A-25, FIRST FLOOR, MC DELHI-110044, DELHI, IND	HAN CO-OPERAT), IVE INDUSTRIAL AREA, NEW	0.0
DATE OF REGISTRATION	I	25/02/2015	
TITLE		AIR COOLER	
PRIORITY NA			
DESIGN NUMBER		271180	
CLASS		23-04	
1) JATINDER SINGH, WH 4-A, LAWRENCE AVEN PUNJAB STATE, INDIA, WH	UE, DASONDHA S	INGH ROAD, AMRITSAR-143001,	
DATE OF REGISTRATION	I	07/04/2015	
TITLE	MC	TOR COVER OF ELECTRIC FAN	
PRIORITY NA			
DESIGN NUMBER		272955	
CLASS		14-03	
1) SAMSUNG ELECTRON 129, SAMSUNG-RO, YEC REPUBLIC OF KOREA, A C	ONGTONG-GU, SU	WON-SI, GYEONGGI-DO, 443-742 JBLIC OF KOREA	2,
DATE OF REGISTRATION	I	22/06/2015	
TITLE		COVER FOR MOBILE PHONE	
PRIORITY PRIORITY NUMBER 30-2015-0008462	DATE 16/02/2015	COUNTRY REPUBLIC OF KOREA	
			T PERSONCTIVE VIEW

DESIGN NUMBER	270147	
CLASS	23-04	
RESIDING AT 416, MANGA		
DATE OF REGISTRATION	05/03/2015	
TITLE	AIR CONDITIONER FOR BUSE	
PRIORITY NA		