पेटेंट कार्यालय शासकीय जर्नल

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DATE: 06/02/2015

पेटेंट कार्यालय का एक प्रकाशन PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

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

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

6TH FEBRUARY, 2015

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THE PATENT OFFICE KOLKATA, 06/02/2015

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2	· ·	_	
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3			
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Website: <u>www.ipindia.nic.in</u> www.patentoffice.nic.in

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 and The Patents (Amendment) Act, 2005 or by the Patents (Amendment) Rules, 2006 will be received only at the appropriate offices of the Patent Office.

Fees: The Fees may either be paid in cash or may be sent by Bank Draft or Cheques payable to the Controller of Patents drawn on a scheduled Bank at the place where the appropriate office is situated.

पेटेंट कार्यालय कोलकाता, दिनांक 06/02/2015 कार्यालयों के क्षेत्राधिकार के पते

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			ई. मेल: chennai-patent@nic.in
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			पुडुचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र, लक्षदीप
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	एंटोप हिल डाकघर के समीप,		बौद्धिक संपदा भवन,
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	 गुजरात, महाराष्ट्र, मध्य प्रदेश, गोवा तथा छत्तीसगढ़ 		ई. मेल: kolkata-patent@nic.in
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	फ़ैक्स: (91)(11) 2808 1920, 2808 1940		
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L	क्षेत्रों, एवं संघ शासित क्षेत्र चंडीगढ़		

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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.

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

SPECIAL NOTICE

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

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

SPECIAL NOTICE

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

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.17/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :02/01/2015

(43) Publication Date: 06/02/2015

(54) Title of the invention: SYSTEM AND METHOD FOR SECURED USER APPLICATION MANAGEMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:G06F 21/00 :NA :NA :NA :PCT// :01/01/1900 : NA	(71)Name of Applicant: 1)JINDAL, Atul Address of Applicant: Spa/2-201, Jaypee Greens, Greater Noida - 201310, India. Uttar Pradesh India 2)JINDAL, Nitu (72)Name of Inventor: 1)JINDAL, Atul 2)JINDAL, Nitu
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

Systems and methods of the present disclosure relate to user authentication for secured access to user accounts on one or more applications. In an instance, during the registration procedure with an application account, post completion of the formalities by submission of desired information, user of the present system can be given/sent a unique authentication file/key by the application in context, which file/key would unique to the user/account and can be downloaded by the user and saved in any desired location on a computing/storage device, and can be used by the user while making any/configured changes to the user account on the application in context.

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

(22) Date of filing of Application :01/12/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: FLEXIBLE DISPLAY DEVICE INCLUDING TOUCH SENSOR

(31) Priority Document No :10-2013 0148436	Address of Applicant :95, Samsung 2 Ro, Giheung-Gu, Yongin-City, Gyeonggi-Do, Korea Republic of Korea c (72)Name of Inventor:
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(57) Abstract:

A flexible display device including a touch sensor is disclosed. In one aspect, the display device includes a flexible substrate, a light emission layer formed over the flexible substrate, and an encapsulation layer formed over the light emission layer and comprising a plurality of encapsulating thin films and a touch detecting layer configured to detect a touch input. The encapsulating thin films include at least one inorganic film and at least one organic film and the touch detecting layer is interposed between a selected one of the at least one inorganic film and a selected one of the at least one organic film that are adjacent to each other.

No. of Pages: 51 No. of Claims: 23

(22) Date of filing of Application :24/12/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: PORTABLE SHOPPING ASSISTANT SYSTEM AND DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G06Q 30/00 :NA :NA :NA :PCT// :01/01/1900	(71)Name of Applicant: 1)JINDAL, Atul Address of Applicant: Spa/2-201, Jaypee Greens, Greater Noida - 201310, India. Uttar Pradesh India 2)JINDAL, Nitu (72)Name of Inventor: 1)JINDAL, Atul
(87) International Publication No	: NA	2)JINDAL, Nitu
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

System and device for coupling a personal shopping assistance device with a customer during their visit on shop floor are described in the present disclosure. System and a portable shopping assistance device is disclosed that provides shopping assistance to a customer at a store and allows the customer to search for product(s), add products to his/her shopping list, provide him/her the cumulative total cost of all the items included in the shopping list, and update said shopping list at a billing terminal in real time, so as to enable quick payment and processing of the bill.

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

(22) Date of filing of Application :26/11/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: BLENDED OPACIFIER FOR COATINGS AND POLYMERIC MATRICES

(51) International classification	:C09C1/28,C01B33/26	(71)Name of Applicant:
(31) Priority Document No	:61/644492	1)J.M. HUBER CORPORATION
(32) Priority Date	:09/05/2012	Address of Applicant :3100 Cumberland Blvd. Suite 600
(33) Name of priority country	:U.S.A.	Atlanta GA 30339 U.S.A.
(86) International Application No	:PCT/US2013/039085	(72)Name of Inventor:
Filing Date	:01/05/2013	1)CAPLAN Hilary Ellen
(87) International Publication No	:WO 2013/169542	2)ROMER Ronald Louis
(61) Patent of Addition to Application	:NA	
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A composite comprising a silicate material such as a sodium aluminosilicate and titanium dioxide disposed on the surface thereof is disclosed together with formulations comprising the composite and methods for preparing the same.

No. of Pages: 20 No. of Claims: 9

(21) Application No.3407/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :25/11/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: UNINTERRUPTIBLE POWER SUPPLY (UPS) OPERATED LIQUID VARORISER

(51) International classification	:B05B 7/16	(71)Name of Applicant : 1)MOHD. ASHHAD QASMI
(31) Priority Document No	:NA	Address of Applicant :41-C, POCKET-C, SIDDHARTH
(32) Priority Date	:NA	EXTENSION, DELHI-110014. Delhi India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)MOHD. ASHHAD QASMI
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 41		·

(57) Abstract:

A device which can vaporise liquids from a container attached to it using power either from the mains supply or from its own UPS battery during a power cut or during portable use when connection to socket is unavailable has been described. The device is an assembly of a UPS, user operable switch and liquid vapariser apparatus.

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

(22) Date of filing of Application :20/11/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: BIODEGRADABLE SELF-CURING ADHESIVES

	A C17	
(51) International classification	:A61L 24/00.	(71)Name of Applicant : 1)Department Of Biotechnology
(51) International classification	C09J	Address of Applicant :Block-2, 7th Floor, C.G.O. Complex,
(31) Priority Document No	:NA	Lodi Road, New Delhi-110003 Delhi India
(32) Priority Date	:NA	2)Indian Institute Of Science Education And Research
(33) Name of priority country	:NA	Bhopal
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SRIVASTAVA, Aasheesh
(87) International Publication No	: NA	2)SHARMA, Aashish
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention discloses the synthesis and preparation of biodegradable self-curing adhesives for different polar surfaces/substrates including but not limited to biological tissues and including those surfaces with which contact with water or high or low moisture content cannot be avoided. The adhesives are prepared from at least two electrostatically interacting biodegradable synthetic polymers that undergo covalent crosslinking without adding external chemical reagent to cure the adhesive. The adhesives are prepared in aqueous medium or aqueous-organic medium, and can be spread and be cured on surface(s) having high or low moisture content, or where high moisture content or water cannot be avoided when applying the adhesives. The covalent crosslinks formed during the curing of adhesive may be chemically reversible or irreversible. The adhesives can form an optically transparent adhesive layer over the surface. The adhesives can have various medical and non-medical applications.

No. of Pages: 74 No. of Claims: 34

(22) Date of filing of Application :20/12/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : SYSTEM AND METHOD FOR COLLECTING AND PROCESSING MEDICAL INFORMATION AND ITS UE THEREOF

(51) Intermedia and alterior		(71)Ni 6 A P
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)SHIMUL SENGUPTA
(32) Priority Date	:NA	Address of Applicant :B-8/6145 VASANT KUNJ, NEW
(33) Name of priority country	:NA	DELHI-110070, INDIA. Delhi India
(86) International Application No	:NA	2)DR. NAYAN C. SHAH
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SHIMUL SENGUPTA
(61) Patent of Addition to Application Number	:NA	2)DR. NAYAN C. SHAH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a system and method for medical underwriting to be used in insurance companies wherein the required medical data is collected, processed and transmitted to the end customer. More particularly, this invention relates to a system which comprises the steps a) an identification module for identifying the diagnostic centre provided by an applicant; b) an identification module for identifying medical examination and investigation and health check-up information provided by the applicant; c) an assessment module for assessing consistency between the above said information; d) a module which considers a wide range of information to better predict the potential risk for the applicants; e) a medical module for making at least one medical underwriting decision based on the consistency between the above information; f) a wellness module for providing consultation services; g) a diagnostic module in form of kiosk style mini diagnostic centres.

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

(22) Date of filing of Application :27/01/2015 (43) Publication Date : 06/02/2015

(54) Title of the invention : SYSTEM AND METHOD FOR DETERMINING AN INJECTABLE AMOUNT OF BILE REQUIRED AFTER GALLBLADDER REMOVAL SURGERY

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A61M 1/00 :NA :NA :NA :PCT// :01/01/1900 : NA :NA :NA :NA	(71)Name of Applicant: 1)HCL Technologies Ltd. Address of Applicant: B-39, Sector 1, Noida 201 301, Uttar Pradesh, India (72)Name of Inventor: 1)THANGARAJU, Shyam 2)SADASIVAM, Siva Sakthivel 3)CHAUDHARY, Vishal
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(57) Abstract:

The present disclosure discloses a system and a method for determining an injectable amount of bile required for a patient after gallbladder removal. The system comprises a receiving module, a creating module, and a determining module. The receiving module may receive a bile-flow rate, physiological parameters of a patient, and amount of fatty food in an alimentary tract of the patient. Based on these data received, the creating module may create a graph. Further, the determining module may determine a correlation between the bile-flow rate and the amount of fatty food in the alimentary tract based on the graph created. The correlation may be determined corresponding to a normal person and the patient which may be seen by two separate curves on the graph. Further, the determining module may determine an injectable amount of bile required for the patient based on the correlation.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/08/2007 (43) Publication Date : 06/02/2015

(54) Title of the invention: TAMPER PROOF SEAL

(51) International classification (31) Priority Document No	:B65D83/00 :NA	(71)Name of Applicant: 1)ATULBHAI NARSIBHAI PATEL
(32) Priority Date	:NA	Address of Applicant :266/3,G.I.D.C. PHASE-II,
(33) Name of priority country	:NA	WADHWANCITY-360 030 DIST. SURENDRANAGANR
(86) International Application No	:NA	GUJARAT. Gujarat India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)ATULBHAI NARSIBHAI PATEL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.1664/MUM/2007 A

(57) Abstract:

THE PRESENT INVENTION PROVIDES TAMPER PROOF SEAL FOR AVOIDING THE MISUSE OF THE OBJECT. THE TAMPER PROOF SEAL IN ACCORDANCE TO PRESENT INVENTION COMPRISES MALE PART(20), FEMAL PART(30) AND SEALING WIERE (40). THE SEALING WIRE(40) IS INSERTED THROUGH THE HOLE OF THE OBJECT TO BE SECURED AND OPENINGS (32) OF THE FEMALE PART (30), AND THEN MALE PART (20) IS INSERTED INTO FEMALE PART (30) BY APPLYING THUMB PRESSURE SO THAT THE PROTRUSIONS (23, 310 AVAILBLE ON MALE AND FEMALE PARTS(20,30) INTERLOCKED WITH EACH OHTER TO PROVIDE TAMPER PROOF SEALING OF THE OBJECT.

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

(22) Date of filing of Application :13/08/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: NOVEL BIOLOGICALLY ACTIVE MALEIMIDE COMPOUNDS AND USE THEREOF

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C07D207/452, C07D207/404 :NA :NA	(71)Name of Applicant: 1)DHOLAKIYA BHARATKUMAR ZAVERBHAI Address of Applicant :APPLIED CHEMISTRY DEPARTMNT, SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY (SVNIT), ICHCHHANATH,
(86) International Application No	:NA	SURAT 395007, GUJARAT, INDIA.
Filing Date	:NA	2)PATEL JIGARKUMAR RAMESHBHAI
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)DHOLAKIYA BHARATKUMAR ZAVERBHAI
Filing Date	:NA	2)PATEL JIGARKUMAR RAMESHBHAI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to novel maleimide compounds of formula (A) and process for the preparation thereof. Maleimide compounds of formula (A) are useful as anti-oxidants, anticancer, anti-viral and as active pharmacological substances in the treatment of many other complicated and serious diseases.

No. of Pages: 35 No. of Claims: 12

(22) Date of filing of Application :06/10/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: A COMPUTER IMPLEMENTED SYSTEM AND METHOD FOR LOGISTIC ASSISTANCE

	:B29C49/42,	(71)Name of Applicant:
(51) International classification	B29L22/00,	1)HINDUSTAN PETROLEUM CORPORATION
	B29C49/00	LIMITED
(31) Priority Document No	:NA	Address of Applicant :Hindustan Bhawan,8, Shoorji
(32) Priority Date	:NA	Vallabhdas Marg, Ballard Estate, Mumbai- 400001, Maharashtra,
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MEHTA HARISH CHANDRA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A computer implemented system and method controlling loading and delivery of products on transport vehicles comprises an indent controlling module, a vehicle reporting module, an assignment module, a database and a vehicle card reader unit. The indent controlling module controls a plurality of indents received from a plurality of customers and assigns a priority value to each indent, the vehicle card reader unit deployed at a source point reads a vehicle checking card assigned to each transport vehicle to ascertain availability of each transport vehicle for assigning product load, the vehicle reporting module checks the status and availability of each transport vehicle, the assignment module maps and assigns each transport vehicle to each indent based on, the assigned priority value, a financial limit of each customer and a value of RTKM of each transport vehicle, and the database stores information related to each indent including each customer, vehicle and location.

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

(22) Date of filing of Application :13/01/2015 (43) Publication Date : 06/02/2015

(54) Title of the invention: A SYSTEM AND METHOD FOR DEVELOPING MEDITATION PRACTICE.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G06F21/00; g06f3/048 :NA :NA :NA :NA	(71)Name of Applicant: 1)IMAGERYWORKS PTY LTD Address of Applicant: UNIT 7, LEVEL 3, 499 ST KILDA ROAD, MELBOURNE VIC 3004 AUSTRALIA. (72)Name of Inventor: 1)MR. SAURABH MISHRA 2)DR. IAN GAWLER
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present embodiment is a system and method for enabling meditation students and practitioners to develop a regular meditation practice and provide the means for meditation teachers and meditation teaching institutions to monitor and support their students practice. The present embodiment allows meditation teachers and meditation-teaching institutions to upload their guided exercises and teachings for their students to access through a smartphone and gives the students the ability to personalise their meditation practise with customized meditation sessions featuring the guided exercises, silent times of different durations and mediation-related sounds in any combination and sequence and also personal images in any imagery based exercise. The present embodiment allows the user to form or join a virtual meditation group and practise group-meditation with the virtual meditation group at the designated recurring or one-off times; The present embodiment helps the meditation practitioner as well as teacher to keep track of the quality and quantity of meditation sessions performed by the practitioner-user, and provide context-specific advice. The present embodiment helps meditation practitioners and students from any meditation school anywhere in the world, develop a regular practice, and thereby bring about a significant, positive impact on their physical, mental and spiritual wellbeing.

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

(22) Date of filing of Application :13/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: REAR WHEEL SUSPENSION MECHANISM FOR BICYCLE.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:B62K25/04, B62K25/28 :NA :NA :NA :NA	(71)Name of Applicant: 1)M. NEMATULLAH NASIM Address of Applicant: DEPARTMENT OF MECHANICAL ENGINEERING, ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOGY, MANGALWARI BAZAR ROAD, SADAR, NAGPUR, MAHARASHTRA.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)M. NEMATULLAH NASIM
(61) Patent of Addition to Application Number	:NA	2)ANAND KUMAR
Filing Date	:NA	3)PRITAM SINGH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The mechanism can be used as a rear wheel suspension in vehicles for human transport that have two wheels and require balancing by the rider also named as bicycle, racing bicycles and mountain bikes. The designed suspension system for bicycle is permanently attached to the frame of the bicycle as a special separate mechanism. On the links of the mechanism, at one end of the big link [12] rear wheel [9] of the bicycle is fitted and on the other end [1] shock up [4] is attached which is rigidly fixed to the cycle frame [0]. Link [03] is pin joint at the mid of Link [12] other end is also pinned joint to the frame [00] of the cycle. When the wheel rotates and passes over the rough surface, the axis of the wheel moves vertically upward and link[03] rotate anticlockwise thereby compressing the helical spring. The helical spring [4] exert opposite force so as to keep the wheel [9] in contact with the surface of the road [10]. When the wheel [9] rotates and passes over the ditch the helical spring [4] minimize the jerk and provide cushioning effect thereby absorbing the shock.

No. of Pages: 5 No. of Claims: 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2014

(21) Application No.3360/MUM/2014 A

(43) Publication Date: 06/02/2015

(54) Title of the invention: IN-MOLD LABELING

(51) International classification (31) Priority Document No	B65C3/00 :NA	(71)Name of Applicant: 1)MR. KIRAN M. SHAH Address of Applicant: 802/803, PARK SIDE-2 RAHEJA
(32) Priority Date	:NA	ESTATE, KULUPWADI, LANDMARK NEAR NATIONAL
(33) Name of priority country	:NA	PARK BORIVALI EAST, MUMKBAI-400066 Maharashtra India
(86) International Application No	:NA	2)MRS. PIYALI SARKAR BHOWMIK
Filing Date (87) International Publication No.	:NA : NA	(72)Name of Inventor : 1)MR. KIRAN M. SHAH
(87) International Publication No	: NA :NA	2)MRS. PIYALI SARKAR BHOWMIK
(61) Patent of Addition to Application Number Filing Date	:NA	2)WRS. FIYALI SARRAR DIOWWIR
(62) Divisional to Application Number	:NA	
Filing Date	:NA :NA	

(57) Abstract:

In accordance with an aspect of the present invention, a process for in-mold labeling is provided. The process includes providing an in-mold label, wherein the in-mold label includes a transparent layer, a ink \ayer of a required design in reverse format at a printable surface of the transparent layer and a heat sealable coating layer over the required design in reverse format on the ink layer. The process further includes a mold with a mold cavity wherein, the mold cavity has an inner surface where the in-mold label is placed by either a robotic placing process or manual placing process. The process also includes charging of the mold cavity with a predetermined amount specific to properties of a melted object and processing the mold to acquire a required shape and to fuse the in-mold label on an outer surface of the required shape. The process then includes cooling of the mold and ejecting the required shape with sealed in-mold label.

No. of Pages: 22 No. of Claims: 9

(22) Date of filing of Application :21/10/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: STRETCH BLOW IN-MOLD LABELING

	:B29C49/42,	(71)Name of Applicant :
(51) International classification	B32B27/18,	1)MR. KIRAN M. SHAH
	B32B27/30	Address of Applicant :802/803, PARK SIDE-2 RAHEJA
(31) Priority Document No	:NA	ESTATE, KULUPWADI, LANDMARK NEAR NATIONAL
(32) Priority Date	:NA	PARK BORIVALI EAST, MUMBAI-400066 Maharashtra India
(33) Name of priority country	:NA	2)MRS. PIYALI SARKAR BHOWMIK
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MR. KIRAN M. SHAH
(87) International Publication No	: NA	2)MRS. PIYALI SARKAR BHOWMIK
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In accordance with an aspect of the present invention, a process for stretch blow in mold labeling is provided. The process includes providing a stretch blow in mold label, wherein the stretch blow in mold label includes a transparent layer, a ink layer of a reverse format of required design at a reverse side of printable surface of the transparent layer and a heat sealable coating layer over the required design on the ink layer. The process further includes a mold with a mold cavity wherein, the mold cavity has an inner surface where the stretch blow in mold label is inserted with a preform. The process also includes blowing the preform to acquire a required shape and to fuse the stretch blow in mold label on an outer surface of the required shape. The process then includes cooling of the mold and ejecting the required shape with sealed stretch blow in mold label.

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

(22) Date of filing of Application :21/10/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: PAPER PRINTED IN-MOLD LABELING

	·B29C49/42	(71)Name of Applicant :
(51) International classification	B29L22/00,	1)MR. KIRAN M. SHAH
	B29C49/00	Address of Applicant :802/803, PARK SIDE-2, RAHEJA
(31) Priority Document No	:NA	ESTATE, KULUPWADI, LANDMARK NEAR NATIONAL
(32) Priority Date	:NA	PARK BORIVALI EAST, MUMBAI-400066 Maharashtra India
(33) Name of priority country	:NA	2)MRS. PIYALI SARKAR BHOWMIK
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. KIRAN M. SHAH
(87) International Publication No	: NA	2)MRS. PIYALI SARKAR BHOWMIK
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In accordance with an aspect of the present invention, a process for paper printed in-mold labeling is provided. The process includes providing an paper printed in-mold label, wherein the paper printed in-mold label includes a paper or plastic, a ink layer of a required design at one side of the paper or plastic and a heat sealable coating layer another side of the paper or plastic. The process further includes a mold with a mold cavity wherein, the mold cavity has an inner surface where the paper printed in-mold label is placed. The process also includes charging of the mold cavity with a predetermined amount specific to properties of a melted object and processing the mold to acquire a required shape and to fuse the paper printed in-mold label on an outer surface of the required shape. The process then includes cooling of the mold and ejecting the required shape with sealed paper printed in-mold label.

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

(22) Date of filing of Application :25/07/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: CURRENT TRANSFORMER ASSEMBLY WITH ATTACHABLE FUNCTIONAL ADAPTOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:H01H71/02, H01H71/12 :NA :NA :NA :NA	(71)Name of Applicant: 1)SELEC CONTROLS PVT. LTD Address of Applicant: PLOT NO. EL-27/1, ELECTRONIC ZONE, TTC INDUSTRIAL AREA, MIDC, MAHAPE, NAVI MUMBAI 400710, MAHARASHTRA, INDIA (72)Name of Inventor:
Filing Date	:NA	1)KAJI SAMIR
(87) 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 current transformer assembly for monitoring current flowing in an electrical circuit is disclosed. The assembly comprises a primary module (100) comprising at least one current transformer unit; and a secondary module (200) for processing an electrical signal; wherein, the primary module (100) and the secondary module (200) are functional independent from each other; and the secondary module (200) is adapted to be detachably, electrically connected to the primary module (100) for receiving at least one output electrical signal from the at least one current transformer unit of the primary module (100) to generate a processed output. The current transformer assembly is compact, and allows replacement or repair of either of the module, thereby giving cost-saving and commercial advantage.

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

(22) Date of filing of Application :13/01/2015 (43) Publication Date : 06/02/2015

(54) Title of the invention: DESIGN AND FABRICATION OF DIFFUSION CELL

(51) International classification :A611 (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA Filing Date :NA	(71)Name of Applicant: 1)DR. SHANMUGAM. R Address of Applicant: NO. 269, RAMASWAMY BUILDING, ELKHILL ROAD, NEAR H.M.T, UDHAGAMANDALAM, THE NILGIRIS 643001 Tamil Nadu India 2)DR. C.K. ASHOK KUMAR (72)Name of Inventor: 1)DR. SHANMUGAM. R 2)DR. C.K. ASHOK KUMAR 3)DR. L. PRIYANKA DWARAMPUDI 4)DR. K. GOWTHAMARAJAN 5)DR. S. MOHANA LAKSHMI
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(57) Abstract:

The diffusion cells are used to study the penetration of drugs through skin. The present invention relates to the design and development of a new diffusion cell by overcoming the limitations associated with the established diffusion cells. In view of stated information it is desirable to develop a diffusion cell to overcome the air bubbles generation while sample withdrawal. More specifically the present invention focuses on measuring diffusion of drugs through skin with a consistent degree of volumetric accuracy. Usually skin or cellophane membrane is mounted in between cell cap and the cell body. The skin is mounted in such a way that it is in continuous contact with isotonic buffer solution present in the cell body or receptor cell. The uniform distribution of temperature throughout the solution is accomplished by continuous rotation of a Teflon covered magnetic stirring bar and rotated with the help of electromagnetic stirrer. The entire diffusion cell is provided with one inlet, one out let arid a sampling port. During the study drug is placed above the skin which is in contact with isotonic buffer solution. A syringe containing pump is used to pull the sample for further analysis. The major drawback associated with the available diffusion cells is when sample is withdrawn from the sample port, air bubbles will be generated and causes deviations in drug containing skin contact lime with buffer solution present in the receptor compartment.

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

(22) Date of filing of Application :30/01/2015 (43) Publication Date : 06/02/2015

(54) Title of the invention: WI-FI BASED TRANSRECEIVER USING LAB VIEW FOR SOFTWARE DEFINED RADIO

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04L :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)MR. NIKHIL MARRIWALA Address of Applicant:513, VINYAKA LAYOUT, WHITEFIELD, BANGALORE - 560066 Karnataka India (72)Name of Inventor: 1)NIKHIL MARRIWALA 2)DR. O.P. SAHU 3)DR. ANIL VOHRA 4)MS. PREETI G. BIRADAR 5)KALYAN RAM. B. 6)PANCHASHARAYYA. S. HIREMATH 7)S. ARUN KUMAR
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(57) Abstract:

This invention relates to development of a Generic Transceiver Module for Software Defined Radio build using LabVIEW. Software defined radio is a radio where some or all the physical layer functions are software defined such as modulation, demodulation, encoding, decoding, filters, encryption, decryption etc. SDR is any kind of device that wirelessly transmits or receives signals in the radio frequency (RF) part of the electromagnetic spectrum to facilitate the transfer of information. The main advantage of the module is that it is built entirely on the user input interface where the users get the flexibility to change any parameters according to their needs and the generic module supports there digital modulation schemes with two Forward Error Correction (FEC) coding techniques where the user has the flexibility to decide about the same. The SDR module has been fully implemented and it has the ability to navigate over a wide range of frequencies with programmable channel bandwidth and modulation characteristics. By using this generic platform, any protocol can be used for transmitting and receiving the real time data. The module has been tested on real time data, text and image transmissions using the USRP hardware and the test jigs for Zig-bee and WIFI module. With the help of these two hardwares it has been proved that the signal transmitted has been recovered with very low probability of error at the destination.

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

(22) Date of filing of Application :27/01/2015 (43) Publication Date : 06/02/2015

(54) Title of the invention : A METHOD AND A SYSTEM FOR INTEGRATED COGNITIVE DEVELOPMENT OF AN INDIVIDUAL

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:NA :NA	(71)Name of Applicant: 1)Dr.S.Ravi Address of Applicant: No. 43/2, Ganesh Flats, Madley 1st Street, T Nagar, Chennai 600017, Tamil Nadu India 2)Gautham M
Filing Date (87) International Publication No	:NA : NA	(72)Name of Inventor : 1)Dr.S.Ravi
(61) Patent of Addition to Application Number	:NA	2)Gautham M
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

The invention provides a method for integrated cognitive development of an individual. The method includes allowing the individual to select at least one subject of interest, presenting a list of graded modules for the selected subject and enabling the individual to complete at least one task from the graded module. The method also includes assigning a score based on the task completed by the individual. A system for integrated cognitive development of an individual is also provided. The system includes a learning unit and a plurality of user devices connected to the learning unit.

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

(22) Date of filing of Application :22/01/2015 (43) Publication Date : 06/02/2015

(54) Title of the invention : A NANO-BIOFERTILIZER FOR IMPROVING SEED GERMINATION AND PLANT DEVELOPMENT

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:NA :NA	(71)Name of Applicant: 1)Dr. RAMESH MALOTHU Address of Applicant: Assistant Professor & Head, School of Biotechnology, Institute of Science and Technology, J.N.T.
(86) International Application No Filing Date (87) International Publication No	:NA	University, Kakinada, AndhraPradesh-533003, India (72)Name of Inventor: 1)Dr. RAMESH MALOTHU
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)T. MURALI KRISHNA 3)Dr. K. NAGA JOGAYYA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Exemplary embodiments of the present disclosure are directed towards a nano-biofertilizer composition comprising copper oxide nanoparticles and bacteria from Nitrobacter genus and Nitrosomonas genus. This composition improves the germination rate as well as the growth and development of the plants. This composition is an innovative concept that is environment friendly playing a key role in soil fertility and reduces problems due to overuse of commercial chemical fertilizers. The nano-biofertilizer composition delivers the nutrients in a homogenous manner to the plants.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.360/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :23/01/2015

(43) Publication Date: 06/02/2015

(54) Title of the invention: TRANSFORMER COOLING WITH INCLINED RADIATORS/TUBES

(24)		
(51) International classification	:H02M	(71)Name of Applicant:
(31) Priority Document No	:NA	1)AMMANA SATYANARAYANA REDDY
(32) Priority Date	:NA	Address of Applicant :182/ SRT, Sanjeeva Reddy Nager,
(33) Name of priority country	:NA	Hyderabad-500038, Telangana, India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)AMMANA SATYANARAYANA REDDY
(87) 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:

Exemplary embodiments of the present disclosure are directed towards a transformer cooling system. The system includes a transformer tank; and a plurality tubes or radiators connected in an inclined position to a transformer tank for removing heat generated in the transformer.

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

(22) Date of filing of Application :21/01/2015 (43) Publication Date : 06/02/2015

(54) Title of the invention : SYSTEM FOR ENHANCED SECURITY OF OCCUPANTS IN A VEHICLE AND METHODS EMPLOYED THEREOF

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:NA :NA :NA	(71)Name of Applicant: 1)SRIKANTH LINGIDI Address of Applicant: 11-7-156, Plot No 45B, HUDA Colony, Saroornagar, Hyderabad, Telangana, India.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)SRIKANTH LINGIDI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Exemplary embodiments of the present disclosure are directed towards system and method for enhanced security of occupants in a vehicle. The system includes a security assembly including an emergency aid triggering unit configured for enabling an occupant of the vehicle to trigger an emergency signal and communicate an emergency aid request to an emergency service assistance providers, a real time location tracking unit, an inbuilt voice and video based communication establishing unit, whereby voice and video based communication establishing unit configured for enabling the occupant of the vehicle to initiate a voice call; and a video call with an emergency service assistance providers. A server unit in communication with the security assembly configured to track the location of the vehicle and analyze images of the occupant and the driver for identifying an emotion expression on the face of the occupant and the drive to dynamically determine an emergency aid request without consent of the occupant and the driver and determine an authenticity of the emergency aid request.

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

(22) Date of filing of Application :13/01/2015 (43) Publication Date : 06/02/2015

(54) Title of the invention: VEHICLE SPEED MONITORING AND SAFETY COMMUNICATION SYSTEM

		(71)Name of Applicant:
(51) International classification	:g08G	1)Gudimetla Sai Raghukanth Reddy
(31) Priority Document No	:NA	Address of Applicant :Hno: 3-1, Velagaleru, Marteru Post,
(32) Priority Date	:NA	Penumantra Mandal, West Godavari Dt -534122. Andhra Pradesh
(33) Name of priority country	:NA	India
(86) International Application No	:NA	2)Buddharaju Shanmukh Varma
Filing Date	:NA	3)Bandaru Abhiram
(87) International Publication No	: NA	4)Gowripattapu Avinash
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Gudimetla Sai Raghukanth Reddy
(62) Divisional to Application Number	:NA	2)Buddharaju Shanmukh Varma
Filing Date	:NA	3)Bandaru Abhiram
-		4)Gowripattapu Avinash

(57) Abstract:

The present invention relates to a vehicle speed monitoring and safety communication system. More specifically the invention has a speed detecting means that responds when the vehicle exceeds preset speed limits and sends information to the communication system. Further, the safety communication system alerts predefined users by communicating data like the vehicle exceeding the preset speed limit or the vehicle is prone to accident or is prone to theft along with the geographical coordinates wherever such data is obtained. Further, the safety communication device also is able to operate on an auxiliary power and communicate the predefined users when the power is cut off.

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

(22) Date of filing of Application :21/01/2015 (43) Publication Date : 06/02/2015

(54) Title of the invention : METHOD AND SYSTEM FOR IDENTIFYING AREAS OF IMPROVEMENTS IN ENTERPRISE APPLICATION

(51) International classification	:g06f	(71)Name of Applicant:
(31) Priority Document No	:NA	1)WIPRO LIMITED
(32) Priority Date	:NA	Address of Applicant :Doddakannelli, Sarjapur Road,
(33) Name of priority country	:NA	Bangalore 560035, Karnataka, India.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KAVITHA SRIDHAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present disclosure relates to a method and a system for identifying areas of improvements in an enterprise application. In one embodiment, static and dynamic analysis information associated with the enterprise application is received. Further, responses to questions related to the enterprise application are also received. The received information and responses are analyzed and areas of improvements are identified based on the analyzed static and dynamic analysis information and responses complying with one or more implementation recommendations stored. The present disclosure also provides reporting services for generating report based on the identified areas of improvements in enterprise applications.

No. of Pages: 26 No. of Claims: 13

(22) Date of filing of Application :22/01/2015 (43) Publication Date : 06/02/2015

(54) Title of the invention: A DEVICE TO PREVENT LPG LEAKAGE

		(71)Name of Applicant:
(51) International classification	:f23N	1)Dr.L.Boopathi
(31) Priority Document No	:NA	Address of Applicant :Department of mechanical engineering,
(32) Priority Date	:NA	Erode sengunthar engineering college, Thudupathi, Erode-638057
(33) Name of priority country	:NA	Tamil Nadu India
(86) International Application No	:NA	2)P.Chokkalingam
Filing Date	:NA	3)L.Jerish Raj
(87) International Publication No	: NA	4)R Gokul Krishnan
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Dr.L.Boopathi
(62) Divisional to Application Number	:NA	2)P.Chokkalingam
Filing Date	:NA	3)L.Jerish Raj
-		4)R Gokul Krishnan

(57) Abstract:

The present invention relates to a safety device comprising of the sensing unit. It detects LPG leak and the electrical actuating unit shuts off the gas supply. The sensing unit has a gas sensor (12) to detect the gas leak. The electrical actuating unit has a DC brushless geared micro motor (1) monitored by a timer to prevent overload. The shaft (4) of the motor (1) is coupled with the regulator knob (6) by means of a knob holding unit (5) to prevent the gas leak. The motor (1) is clamped on the overhanging rod (2) and the overhanging rod (2) is mounted on the support structure (9). The support structure (9) holds the regulator (8). When the LPG leak is detected by the sensor (12), the actuating unit is activated and so the regulator knob (6) is automatically turned off and a buzzer is activated to warn the user in the presence of the LPG leak. In addition, the connecting shaft has a lever (7) to operate the regulator knob (6) manually. Thus the present invention safeguards humans and valuable properties from explosion.

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

(22) Date of filing of Application :27/01/2015 (43) Publication Date : 06/02/2015

(54) Title of the invention: SECURITY SYSTEM AND METHODS EMPLOYED THEREOF

(51) International classification (31) Priority Document No	:G06F :NA :NA	(71)Name of Applicant: 1)Anil Kumar B
(32) Priority Date (33) Name of priority country	:NA	Address of Applicant :Flat-2, Block-21, MIG-2, Near Sai Baba Temple, Baghlingampally, Hyderabad-500044, Telangana,
(86) International Application No	:NA	India.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Anil Kumar B
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Exemplary embodiments of the present disclosure are directed towards security system and methods employed thereof. The system includes a network device of guest, a network device of security personnel, a network device of host, and a server unit. An image capturing unit coupled to the network device of the security personnel for capturing the image of a guest and collect the contact number of the network device of guest. The server unit generates one time password (OTP) for authenticating the contact number of the network device of guest, whereby the network device of host receives the image of the guest and the contact number of the network device of guest for enabling the host to validate the authenticity of the guest.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.391/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :28/01/2015 (43) Publication Date : 06/02/2015

(54) Title of the invention: WITHOUT SMOKE GENERATOR

(51) Intermedianal alassification	.11021	(71)Nama of Applicant
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)KALAIVANAN.J
(32) Priority Date	:NA	Address of Applicant :ABIGIRIPATTARAI (VILLAGE),
(33) Name of priority country	:NA	KARAPATTU (POST), AMBUR (T.K), VELLORE (D.T), PIN-
(86) International Application No	:NA	635811 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)KALAIVANAN.J
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A without smoke generator has a rechargeable battery connected to a power controller. The power controller has six MOSFET switches. The controller is connected to a hub type D.C motor having three position sensors. The D.C motor drives an alternator through transmission means. The device is useful to run at home appliances or industrial use with suitable rating of battery, controller, hub type D.C motor and alternator.

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

(22) Date of filing of Application :28/01/2015 (43) Publication Date : 06/02/2015

(54) Title of the invention: TOUCHSCREEN OPERATED 3-D WELDING ROBOT

(51) International classification :b23F (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA Filing Date :NA	(71)Name of Applicant: 1)M. KIRITI SAI VASHISTA Address of Applicant:# 29, Quiet Lands, Gachibowli X Roads, Hyderabad-500032, Telangana, India. 2)K. MANIRATNAM 3)N. TARUN REDDY 4)NIVEDITA MADANALA (72)Name of Inventor: 1)M. KIRITI SAI VASHISTA 2)K. MANIRATNAM 3)N. TARUN REDDY 4)NIVEDITA MADANALA
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(57) Abstract:

Exemplary embodiments of the present disclosure are directed towards an automatic 3D welding system comprising a cartesian coordinate robot for welding, a touchscreen, a visual display for generating input and monitoring the cartesian coordinate robot, a microcontroller for receiving input and transferring it to the cartesian coordinate robot, a toggle switch for switching a welding torch on and off, a stepper motor for actuating the cartesian coordinate robot and a potentiometer to set the height of the cartesian coordinate robot.

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

(22) Date of filing of Application :18/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: METABOLITES OF STREPTOMYCES ATROVIRENS (SBTA-23) AND LECHEVALIERIA XINJIANGENSIS (SBTA-32) AS POTENTIAL BIO-PESTICIDES: THE PROCESS AND CHARACTERIZATION

(51) I	101 12/00	(71)NJ CA 1
(51) International classification	:A01n43/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Sribiotech Laboratories India Ltd.
(32) Priority Date	:NA	Address of Applicant :Biosphere, Plot No. 21, Street No. 2,
(33) Name of priority country	:NA	Sagar Society, Road No. 2, Banjara Hills, Hyderabad-500034,
(86) International Application No	:NA	Telangana State, India.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Dr. Ramkoti Reddy Kondamadugula
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Exemplary embodiments of the present disclosure are directed towards a bio-fungicidal composition comprising at least one of a culture of an actinomycetes bacteria and a metabolite of an actinomycetes bacteria, wherein the actinomycetes bacteria is at least one of a Streptomyces atrovirens and a Lechevalieria xinjiangensis. The bio-fungicidal composition is effective against Sclerotium rolfsii infected groundnut plants. The present invention also discloses a method of treating S. rolfsii infected groundnut plants by administering a predetermined amount of the bio-fungicidal composition in the form of a dust, a spray, a powder, a granule or a liquid to the plants.

No. of Pages: 15 No. of Claims: 8

(22) Date of filing of Application :29/01/2015 (43) Publication Date : 06/02/2015

(54) Title of the invention : FOOTWEAR IMPLANTABLE TRACKING DEVICE AND SYSTEM FOR ENSURING PERSONAL SAFETY

(51) International classification (31) Priority Document No	:G08B :NA :NA	(71)Name of Applicant: 1)VIGNESHWAR K G
(32) Priority Date(33) Name of priority country	:NA	Address of Applicant :NO.42/39, A-3 BLOCK, MOULI FLATS, KUPPAIAH STREET, WEST MAMBALAM,
(86) International Application No Filing Date	:NA :NA	CHENNAI - 600033 Tamil Nadu India (72)Name of Inventor:
(87) International Publication No	: NA	1)VIGNESHWAR K G
(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 may include, for example, a unique arrangement in a footwear implantable device comprising of a microcontroller, a power management unit, a signal transmitter, a GPS, a thin-film battery and an energy-harvester. System. Environment. newline some embodiments, the energy-harvester may be a piezoelectric sensor that converts motion/vibration energy into electric energy, wherein the converted energy may be used to recharge a battery, thereby providing power to a signal receiver/transmitter. In another embodiment, the piezoelectric mechanism may perform a dual function as a converter of motion energy to electrical energy and also a pedometer. Certain embodiments of the present invention are also included in a system having a transmitter for transmitting a message to an external receiver. The system may also have sensors that may be monitored by a microcontroller. Certain signals from the sensor may be processed by the microcontroller and the processed information may be transmitted via the satellite or through the GSM network as SMS to a receiver that is located remotely. The footwear implantable device of the present invention for communicating the distress situation to a remote member and number is activated by the device user, without deliberation of the stranger, upon providing pressure through the toe to a pressure sensor switch installed in the sole of the footwear such as shoe. This device is designed to be operable with just one toe for turning the transmitter on and comprises of a switch at the rear end of the shoe for avoiding false alarms. The microcontroller connected to the said pressure sensor detects the generated alarm signals to be processed for communication to the pre-determined members and numbers either via the satellite as the reference co-ordinates of the user location or through the GSM network as the short message for further actions. The device is powered by the thin film battery that is chargeable by the primary, secondary coil combination comprising the primary in the footwear implantable device and the secondary coil installed in a pad at desired locations. The 230V power from the AC mains supplied to the secondary coil in the pad is sufficient to charge the thin film battery upon positioning the primary coil of the device on the said pad. An alternative embodiment is designed with a piezo electric power source which generates power when a mechanical force is applied to it.

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

(22) Date of filing of Application :24/11/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: [FRPLS] FLOOD RESISTANT PORTABLE LIVESTOCK SHELTER

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A01K :NA :NA :NA	(71)Name of Applicant: 1)BIJU. P(DR) Address of Applicant:PALACKAL(H), VIZHUKKITHODU POST, KANJIRAPPALLY, KOOVAPPALLY VILLAGE,
(86) International Application No	:NA	KOTTAYAM - 686 518 Kerala India
Filing Date	:NA	2)JOSHY MATHEW
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)BIJU. P(DR)
Filing Date	:NA	2)JOSHY MATHEW
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An entirely new method for rearing livestock in flood prone areas without causing environmental contamination and financial loss to the farmers. As compared to the existing system, this type of shelter can be transported from one place to another and can be easily installed. The shelters can withstand flood and hence the recurrent expenditure for repairing the shelter is avoided and livestock rearing becomes more economical. The shelter provides convenient spacing for animals and protects them from all types of inclement weather. Utmost care has been taken to safeguard the health of the animals. The design can bring about attitudinal changes among livestock farmers who in turn will more actively involve in animal husbandry activities. The design is completely user friendly as well as eco-friendly.

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

(22) Date of filing of Application :17/09/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: AN IMPROVED LOW-COST MULTI-LAYERED PHYTO-PIGMENT' SOLAR CELL.

(51) International classification (31) Priority Document No	:H01L31/042 :NA	(71)Name of Applicant: 1)DEBAPRATIM JANA
(32) Priority Date	:NA	Address of Applicant :P-36/4, C.N. ROY ROAD., P.O.
(33) Name of priority country	:NA	TILJALA, KOLKATA- 700 035, WEST BENGAL, INDIA
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DEBAPRATIM JANA
(87) 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 aims to use chlorophylls, and anthocyanin to develop multi-layered solar cell, which, because of different absorption ranges of the different bio-pigments, would trap a wide range of the solar spectrum. Chlorophylls (Chlorophyll a and chlorophyll b) being isolated from Spinach and Polyalthia longifolia leaves using acetone-hexane solvents purified by Chromatographic techniques pigment thin films being prepared by spin coating method, multi-layered phylo-pigment solar cells of this invention to be made by fabricaiing using electroplating the micro-crystals of the purified phyto-pigments each film thereof comprising of multi-layered ofaforesaid phyto-pigments. causing 10% increase in conductivity and/or electrical conversion being observed upon exposure to light.

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

Publication After 18 Months:

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

(12) PATENT APPLICATION PUBLICATION (21) Application No.1003/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :03/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: METHODS AND SYSTEMS FOR CONTROLLING A 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 	:13/454,647 :24/04/2012	· /
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(57) Abstract:

A stabilizer system (182) associated with a power converter controller (44) is described. The stabilizer system includes a regulator stabilizer (186) configured to receive a phase locked loop (PLL) error signal (190) and to generate a regulator stabilization signal (188) based at least partially on the PLL error signal. The stabilizer system also includes a regulator (184, 204) coupled to the regulator stabilizer and a converter interface controller (156). The regulator is configured to receive the regulator stabilization signal, generate a first command signal (192, 166), based at least partially on the regulator stabilization signal, that reduces system oscillations, and transmit the first command signal to the converter interface controller.

No. of Pages: 47 No. of Claims: 10

(21) Application No.1053/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :08/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: BUILDING MACHINE COMPRISING A SIGNALING DEVICE

(51) International classification	:E04B	(71)Name of Applicant:
(31) Priority Document No	:20 2012 003 689.0	1)Joseph Vgele AG Address of Applicant :Joseph-Vgele-Strae 1, 67067
(32) Priority Date	:10/04/2012	Ludwigshafen/Rhein, Deutschland, Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)Ingo HERZBERG
Filing Date	:NA	
(87) 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 an self propelled building machine (1), comprising a drive (3), a cover (3a) covering the drive (3), a control platform (2) and a material hopper (5) which includes a filling hole (6) and can be filled with material by an external supply unit (9). The building machine (1) is provided with a signaling device (11) for signaling material filling parameters to the external supply unit (9). The invention is characterized in that the building machine (1) further comprises at least one external mirror (12), and that the at least one external mirror (12) and the signaling device (11) are attached to the building machine (1) by means of a common holder (13)

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

(19) INDIA

(22) Date of filing of Application :11/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: A HYDRAULIC SYSTEM

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:G04B :GB 1207161.9 :24/04/2012 :U.K. :NA :NA :NA :NA :NA :NA :NA :NA :NA
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(21) Application No.1094/DEL/2013 A

(57) Abstract:

A method of operating a hydraulic system including providing a hydraulic pump having a pump outlet, a niain orifice having a main orifice inlet in fluid colnrunication with the pump outlet and a main orifice outlet for supplying pressirised luid to a service, a flow orifice having a flow orifice inlet for sensing a pressure representative of a pressure at the pump outlet and a flow orifice outlet, an amplification orifice having an amplification orifice inlet in fluid communication with the flow orifice outlet and an amplification orifice outlet for sensing a pressure representative of a pressure at a service, means for generating an output signal representative of a fluid pressure between the flow orifice outlet and the amplification orifice inlet, and a pump controller for controlling the hydraulic pump in response to the output signal, the flow orifice defining a flow orifice cross section area, the flow orifice defining a flow orifice cross section area, the flow orifice cross section area and the amplification orifice cross section area defining a ratio, in which the main orifice is variable and the ratio is variable, the method further comprising the steps of operating the system in a first mode so as to define a first mode ratio and operating the system in a second mode so as to define a second mode ratio, so that the ratio is controlled differently in the first mode and the second mode.

No. of Pages: 30 No. of Claims: 20

(22) Date of filing of Application :15/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : ENGINE VIBRATION AND ENGINE TRIM BALANCE TEST SYSTEM, APPARATUS AND METHOD

(51) International classification(31) Priority Document No	:G01P :13/495,447	,
(32) Priority Date	:13/06/2012	I Pr
(33) Name of priority country(86) International Application No	:U.S.A. :NA	CHICAGO, ILLINOIS 60606-2016, U.S.A. (72)Name of Inventor:
Filing Date	:NA	1)ROBERT B. SCHWAB
(87) International Publication No	: NA	2)JAN KLINGMAN
(61) Patent of Addition to Application Number	:NA	3)GIANG PHAM
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present disclosure is generally directed to a simulated aircraft engine (12) accelerometer apparatus, system and method that that generates aircraft engine (12) simulator outputs. An accelerometer signal simulator (320) receives aircraft engine (12) simulator outputs and generates accelerometer signal simulator (320) outputs, and an accelerometer waveform generator (350) receives the accelerometer signal simulator (320) outputs and synchronizes at least one accelerometer signal simulator (320) outputs to a reference timing signal from one of the aircraft engine (12) simulator outputs. The simulated accelerometer (300) further includes a filter section (372, 374, 376 and 378) that receives and filters noise from the plurality of accelerometer waveform generator (350) outputs to generate a plurality of filtered accelerometer wiveform generator (350) outputs, a mixer (380) that receives and combines each of the plurality of filtered accelerometer waveform generator (350) outputs to generate a single filtered accelerometer waveform generator (350) output, and a charge converter (382) that receives and converts the single filtered accelerometer waveform generator (350) output to a current charge vibration simulation output.

No. of Pages: 28 No. of Claims: 10

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

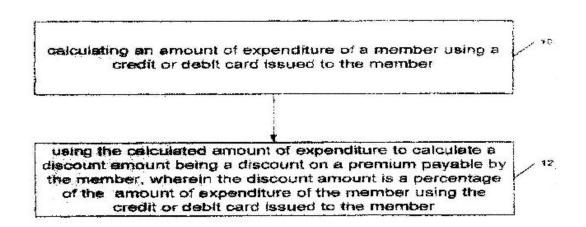
(43) Publication Date: 06/02/2015

(54) Title of the invention: A METHOD OF MANAGING AN INSURANCE PLAN AND A SYSTEM THEREFOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G06Q40/0 :2006/04687 :06/06/2006 :South Africa :PCT/IB 2007/051948	
(87) International Publication No (61) Patent of Addition to Application Number	:23/05/2007 :WO 2007/141698 :NA	3)RABSON, KENNETH STEVEN
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A method of managing a life or health insurance plan includes calculating an amount of expenditure of a member using a credit or debit card issued to the member and then using the calculated amount of expenditure to calculate a premium payable by the member, wherein the premium is reduced by a percentage of the amount of expenditure of the member using the credit or debit card issued to the member.



No. of Pages: 13 No. of Claims: 4

(22) Date of filing of Application :11/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: AN INTELLIGENT THERMOSTATIC TEA-MAKING AND A METHOD OF MAKING TEA

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A47J :201210107041.1 :13/04/2012 :China	(71)Name of Applicant: 1)XIAOTIAN (ZHONGSHAN) INDUSTRIAL COMPANY LIMITED Address of Applicant: NO. 10 INDUSTRIAL ROAD
(86) International Application No	:NA	NORTH, XIAOLAN INDUSTRIAL PARK, XIAOLAN TOWN,
Filing Date	:NA	ZHONGSHAN CITY, GUANGDONG PROVINCE, CHINA
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)ZHOU HONG
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An intelligent thermostatic tea-making machine comprises a hot water tank, a brewing tank and a storage tank sequentially connected via pipes; the storage tank is connected with a tea drinking outlet via a first outlet pipe; the tea-making machine also comprises a controller provided with an operation panel. Heating plates are provided at outer bottom sides of the hot water tank, the brewing tank and the storage tank respectively for heating up the tanks. Inner bottom sides of the three tanks are provided with temperature sensors for detecting water temperature. The outer bottom side of the brewing tank is provided with a recirculation pipe. A pump is provided on a path of recirculation. The pump, the three heating plates and the three temperature sensors are all operationally connected with the controller. The brewing tank is provided with a separation panel for separating the brewing tank into an upper cavity and a lower cavity. The separation panel is provided with a pore for communication between the upper cavity and the lower cavity. A suction end of the pump is communicated with the lower cavity of the brewing tank. A discharge end of the pump is connected with the recirculation pipe. A method of making tea by using the intelligent thermostatic tea-making machine, wherein the method comprises seven stages, namely, heating stage, showering stage, boiling stage, transporting stage, seating stage, discharging stage and drinking stage, and the tea brewed according to the said method demonstrates better color, aroma and flavor as compared with the tea brewed by conventional tea-making machine.

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

(21) Application No.2170/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : SINGLE USE BIOPHARMACEUTICAL DEVICE FOR PRODUCING STORING AND TRANSPORTING A BIOPHARMACEUTICAL MATERIAL AND CORRESPONDING MULTILAYER TUBE

(51) International classification
(31) Priority Document No
(32) Priority Date
(33) Name of priority country
:B32B27/00,C12M1/00
:1056637
:17/08/2010
:France

(86) International Application No
Filing Date

174aice

(87) International Publication No :WO 2012/022906

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

:B32B27/00,C12M1/00 (71)**Name of Applicant :**

1)SARTORIUS STEDIM BIOTECH S.A.

Address of Applicant : Z.I. des Paluds Avenue de Jouques F

13781 Aubagne France (72)Name of Inventor:
1)BARBAROUX Magali

2) GUENERON Marva

(57) Abstract:

The invention relates to a device (1) including: a bag (2) a tube section (5) having a wall (10) defining a free longitudinal space (11) and a plastic connector (4) which are all fused together the wall (10) comprising a contact layer (12) made of a material other than PVC selected from PE EVA PP ETFE and PVDF and a functional layer (13) including at least one basic functional layer (13i) consisting of a material selected for the function thereof (flexibility sturdiness handling opacity or transparence gas barrier) and selected from the family including PE PET a PA EVA EVOH SEBS PETG and PVDF a bag (2) another tube section (5) and/or a connector (4) fused to the biopharmaceutical tube (5) and comprising a contact layer (16) made of a selected material which is capable of being in contact with the biopharmaceutical material which is capable of being fused onto itself and which is identical or similar to the material of the contact layer (12) of the biopharmaceutical tube (5) is fused to the contact layer (16) of the bag (2) of the other tube section (5) and/or of the biopharmaceutical connector (4) a substantial physical continuity existing between the respective contact layers (12 16).

No. of Pages: 63 No. of Claims: 22

(22) Date of filing of Application :05/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : POLYAMIDE MOULDING COMPOUNDS AND USE THEREOF IN THE PRODUCTION OF MOULDED ARTICLES

(51) International classification	:C08L	(71)Name of Applicant:
(31) Priority Document No	:EP 12186929.1	1)EMS-PATENT AG Address of Applicant :INNOVATIVA 1, CH-7013
(32) Priority Date	:02/10/2012	DOMAT/EMS, SWITZERLAND
(33) Name of priority country	:EUROPEAN UNION	(72)Name of Inventor: 1)DR. RER. NAT. MARK ROTH
(86) International Application No	:NA	2)DIPL. CHEMIKER NIKOLAI LAMBERTS
Filing Date	:NA	3)DR. RER. NAT. BOTHO HOFFMANN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to polyamide moulding compounds, pigmented black, which include nigrosin and at least one nucleation agent, carbon black being ruled out. The present invention likewise relates to a method for producing moulded articles from the mentioned polyamide moulding compounds and also the corresponding moulded articles. The polyamide moulding compounds are used in the production of components with increased temperature requirements, e.g. in the automobile sector.

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

(21) Application No.1054/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :08/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: ROAD FINISHER AND SEAT CONSOLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B60N :202012003697.1 :12/04/2012 :Germany :NA :NA : NA :NA :NA :NA	(71)Name of Applicant: 1)Joseph Vgele AG Address of Applicant: Joseph-Vgele-Strae 1, 67067 Ludwigshafen/Rhein, Germany (72)Name of Inventor: 1)Ingo HERZBERG
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(57) Abstract:

The invention relates to a road finisher (F) in which an operators seat arranged on a seat console (5) is provided and the seat console (5) is adjustable on an operators stand platform (3) between different, locked working positions (A1, A2), namely by means of a locking device (V) with a lock bolt (14) which is shiftable between a disengaged position and an engaged position relative to at least one bolt receptacle (18). The lock bolt (14) is shiftable by means of a movably mounted pivot lever (H) which comprises at least one actuating end (19) with at least one foot pedal (P) and a shifting end (20) acting on the lock bolt (14).

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

(21) Application No.1095/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :11/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: SYSTEM AND METHOD FOR OVERVOLTAGE PROTECTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H02H :13/470,564 :14/05/2012 :U.S.A. :NA :NA	1 /
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (61) Divisional to Application Number 	: NA :NA :NA :NA	2)RITTER, ALLEN MICHAEL
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In one aspect, the present subject matter discloses a method for overvoltage protection of an electrical system. The method may generally include detecting an overvoltage condition on an electrical system; and switching on, in response to the detected overvoltage condition, an impedance connected to the electrical system, wherein the impedance clamps voltage on the electrical system.

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

(22) Date of filing of Application :29/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: METHOD OF PRODUCING THIN-WALLED BOTTOMED CYLINDRICAL METALLIC MEMBER

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:NA :NA :NA	(71)Name of Applicant: 1)SUGURO T, K CO., LTD. Address of Applicant:9-11-3, FUTABA-CHO, NUMAZU-SHI, SHIZUOKA, 410-0005, JAPAN
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor : 1)TERUHISA, KOREMURA
(87) International Publication No	: NA	1)TEKUHISA, KOKEMUKA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

There is provided a method of producing a thin-walled bottomed cylindrical metallic member that prevents (avoids) one end surface of a jig from abutting against a guide bush of a Swiss type automatic lathe during cutting, thereby preventing hindrance of feeding a work and the jig in the axial direction, resulting in enhancement of productivity. The method of producing a thin-walled bottomed cylindrical metallic member includes carrying out a hole forming process of forming, by cutting, a central hole in a work that is a solid round metallic bar having a long length and an approximately constant outer diameter along a central axis line of the work so as to form a bottomed hole having a bottom at a front end of the work; carrying out a wall-thickness thinning process of cutting the work to have a smaller outer diameter on a front end side of the work so as to thin a front end side of the work; and carrying out an installing process of, during the wall-thickness thinning process, inserting a [filling member into the bottomed hole formed in the hole forming process, fixing to the work a jig that elongates one; end side of the work, and has a reduced diameter portion! extending in a predetermined distance from one end surface of the jig that is connected to the work, and mounting the jig to: a chuck of a lathe.

No. of Pages: 26 No. of Claims: 3

(22) Date of filing of Application :29/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: BOTTOMED CYLINDRICAL METALLIC MEMBER AND METHOD OF PRODUCING THE SAME

(51) International classification	:F25J (71)Name of Applicant : 3/00 1)SUGURO T, K CO., LTD.
(31) Priority Document No	:NA Address of Applicant :9-11-3, FUTABA-CHO, NUMAZU-
(32) Priority Date	:NA SHI, SHIZUOKA, 410-0005, JAPAN
(33) Name of priority country	:NA (72)Name of Inventor:
(86) International Application No	:NA 1)SHIGETOSHI, IKEGAYA
Filing Date	:NA
(87) 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) A1 (•

(57) Abstract:

There is provided a bottomed cylindrical metallic member that prevents a product from being caught by a shoulder corner of a die, or from being caught by a root corner of the bottomed cylindrical metallic member when the product is removed from the die. The bottomed cylindrical metallic member includes: an outer tube made of metal; and an inner tube made of metal installed inside the outer tube, the inner tube provided thereinside with a cooling hole configured to be a bottomed hole having a bottom at a front end of the inner tube. The inner tube includes: a thick-walled portion that extends from an aperture formed at a base end side of the inner tube to a vicinity of a shoulder corner of a die that meets a cavity corner when the bottomed cylindrical metallic member is mounted to the die, and further extends inside a shoulder of the die projecting from the die toward the cavity, or to a vicinity of a root corner of the bottomed cylindrical metallic member that meets the cavity corner when the bottomed cylindrical metallic member is mounted to the die, and further extends inside the cavity; and a thin-walled portion continuously extending from the thick-walled portion to the bottom formed at the front end side of the inner tube.

No. of Pages: 39 No. of Claims: 11

(22) Date of filing of Application :29/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: VERO CELL CULTURE ATTENUATED LIVE BUFFALOPOX VACCINE FOR PROTECTION OF BUFFALOES AGAINST BUFFALOPOX

(51) International classification	:A61K39/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH
(32) Priority Date	:NA	Address of Applicant :INDIAN COUNCIL OF
(33) Name of priority country	:NA	AGRICULTURAL RESEARCH, KRISHI BHAWAN, DR.
(86) International Application No	:NA	RAJENDRA PRASAD ROAD, NEW DELHI-110001 Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DR. RAJ KUMAR SINGH
(61) Patent of Addition to Application Number	:NA	2)DR. MADHUSUDAN HOSAMANI
Filing Date	:NA	3)DR VEERAKYATHAPPA BHANUPRAKASH
(62) Divisional to Application Number	:NA	4)DR VINAYAGAMURTHY BALAMURUGAN
Filing Date	:NA	5)DR GNANAVEL VENKATESAN

(57) Abstract:

Buffalopox was first reported in the Indian subcontinent during 1934 (Sharma, 1934). Since then, regular outbreaks have been reported from time to time (Bhanuprakash et al, 2010). The disease affects buffaloes, % cows and human beings (Singh et al, 2007; Bhanuprakash et al, 2010). The infection in buffaloes results in considerable morbidity, mortality, productivity losses and reduction in draught capacity of the affected animals. Infection in milch animals leads to reduced milk yield and mastitits (Venkatesan et al, 2010). As such there is no commercial vaccine for the control of buffalopox in India. Therefore, this vaccine is derived from indigenous strain (Buffalopox virus, Vij96) of buffalopox virus can be used for control of buffalopox in the country where the disease outbreaks occur. The vaccine is expected to significantly bring down the incidence of the disease contributing eventually to the enhanced buffalo productivity and gradual control of the disease. Thus, the vaccine developed, described and claimed in this patent, can effectively be used for control of buffalopox where buffalopox infection is enzootic. The invention relates to the development of live attenuated buffalopox vaccine for control of buffalopox. The vaccine is given intra-dermally at the abaxial surface of the tail @ 0.5 ml per £ animal. It is expected to provide life-long immunity as that of vaccinia virus, which was successfully used for control and eradication of smallpox in humans. Further, the attenuated buffalopox virus can be used as a vector for expression of immunogenic proteins of important pathogens also.

No. of Pages: 29 No. of Claims: 1

(22) Date of filing of Application :29/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: DEVELOPMENT OF PESTE DES PETITS RUMINANTS (PPR) NEGATIVE MARKER VACCINE CANDIDATE USING A VIRUS NEUTRALIZING MONOCLONAL ANTIBODY

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C07K16/00,G01N33/00 :NA :NA :NA	(71)Name of Applicant: 1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH Address of Applicant: INDIAN COUNCIL OF AGRICULTURAL RESEARCH, KRISHI BHAWAN, DR.
 (86) International 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 :NA :NA :NA	RAJENDRA PRASAD ROAD, NEW DELHI - 110001, INDIA. (72)Name of Inventor: 1)BELAYNEH GETACHEW 2)RABINDRA PRASAD SINGH 3)VIKRAMADITYA UPMANYU

(57) Abstract:

The present invention entitled Development of Peste des Petits Ruminants (PPR) negative marker vaccine candidate using a virus neutralizing monoclonal antibody deals with the development of a monoclonal antibody resistant mutant of PPR Sungri/96 vaccine virus strain (PPRV-Parent) using a virus neutralizing monoclonal antibody 4B11. This mutant was named as PPRV-Sungri/96/4Bll mutant in short PPRV-Mutant. The mutant was isolated after a serial passage of vaccine virus in the presence of an increasing concentration of monoclonal antibody 4B11. The isolated mutant (PPRV-Mutant) was characterized using different binding assays (indirect- ELISA, indirect fluorescent test and indirect fluocytometry), virus fitness test (growth kinetics and thermo-stability) and haemaglutinin gene sequence analysis. Finding indicated that the PPRV-mutant is nonreactive to 4B11 monoclonal antibody and fit for large scale propagation. The H gene sequence result showed that PPR mutant virus contained a missense point mutation (T in PPRV parent to C in PPRV Mutant) at nucleotide position 788th of ORF of H-gene. This resulted in a predicted Leucin-to-Proline change at residue 263 of haemagglutin amio acid sequence (probable epitope site for mAb 4B11). The generated mutant could be an important candidate as a negative marker vaccine for DIVA strategy in association with the currently A used competitive-ELISA kit for PPR antibody detection using the same mAb.

No. of Pages: 18 No. of Claims: 4

(22) Date of filing of Application :29/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : COMPRESSED COMPLETE FEED BLOCKS (CCFB) FOR REDUCING METHANE PRODUCTION IN CATTLE

		(71)Name of Applicant :
(51) International classification	:A23K1/00	1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH
(31) Priority Document No	:NA	Address of Applicant :INDIAN COUNCIL OF
(32) Priority Date	:NA	AGRICULTURAL RESEARCH, KRISHI BHAWAN, DR.
(33) Name of priority country	:NA	RAJENDRA PRASAD ROAD, NEW DELHI - 110001, INDIA
(86) International Application No	:NA	Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DR. PUTAN SINGH
(61) Patent of Addition to Application Number	:NA	2)DR. ASHOK KUMAR VERMA
Filing Date	:NA	3)DR. VISHWA BANDHU CHATURVEDI
(62) Divisional to Application Number	:NA	4)DR. SHYAMAL KUMAR SHARMA
Filing Date	:NA	5)DR. ASHOK KUMAR PATIL
		6)DR. BRIJESH KUMAR OJHA

(57) Abstract:

The intake and digestibility of organic nutrients were similar, however, methane emission was significantly lower in deoiled mahua seed cake and guar meal (5%) containing feed blocks than normal feed block fed animals. The feeding of these blocks showed improvement in growth performance (12.6 to 16.3 % higher body weight gain) and decreased (L/kgDMI) methane production (13.7 to 17.6%).

No. of Pages: 19 No. of Claims: 2

(21) Application No.1041/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :08/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: SUN SHIELDS FOR EARS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:A61F :13/609,150 :10/08/2012 :U.S.A. :NA	Address of Applicant :926 LONGBEARD LAKE ROAD SYLACAUGA, AL 35150 U.S.A. 2)WILLIAM A. SWOPE
Filing Date (87) International Publication No	:NA : NA	(72)Name of Inventor : 1)WILLIAM P. GASTON
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)WILLIAM A. SWOPE
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A sun shield for the ears provided, including at least a flat body of a flexible material having an upper surface; a lower surface on the opposite side of the upper surface; an outer edge; an inner edge; a forward section; a rearward section; and two holes, with one hole in the forward section and proximal to the inner edge, and the second hole in the rearward section and proximal to the inner edge such that the temple bar of a pair of eyeglasses slides into the first hole in the forward section thru the upper surface and then into the second hole in the rearward section through the lower surface. The inner edge rests against the head of the user and extends horizontally over the users ear, whereby the ear shield is positioned over the ear so that the ear is shaded from the harmful rays of the Sun.

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

(21) Application No.1084/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :10/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : RUNNER SEGMENT FOR AN EDGE GUARD OF A ROAD MILLING MACHINE, AND EDGE GUARD FOR A ROAD MILLING MACHINE

(51) International classification	:E01C	(71)Name of Applicant :
(31) Priority Document No	:10 2012	1)WIRTGEN GMBH
(31) I Hority Document No	103 440.0	Address of Applicant :REINHARD-WIRTGEN-STR. 2,
(32) Priority Date	:19/04/2012	53578 WINDHAGEN, GERMANY
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)HERBERT LEY
Filing Date	:NA	2)PHILIP VERHAELEN
(87) International Publication No	: NA	3)DR. CYRUS BARIMANI
(61) Patent of Addition to Application Number	:NA	4)DR. GUNTER HAHN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to an edge guard for a road milling machine and to a runner segment for such an edge guard. According to the present invention, the runner segment comprises an insertion projection that can be inserted into an insertion receptacle of the edge guard. 009230 Wirtgen 14

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

(19) INDIA

(22) Date of filing of Application :10/03/2006 (43) Publication Date : 06/02/2015

(54) Title of the invention: 17-HETEROCYCLIC-4-AZASTEROID DERIVATIVES AS ANDROGEN RECEPTOR MODULATORS.

(51) International classification	:A61K 31/473	(71)Name of Applicant:
(31) Priority Document No	:60/501,789	1)MERCK SHARP & DOHME CORP.,
(32) Priority Date	:10/09/2003	Address of Applicant :126 EAST LINCOLN AVENUE,
(33) Name of priority country	:U.S.A.	RAHWAY, NEW JERSEY 07065-0907, USA U.S.A.
(86) International Application No	:PCT/US2004/028655	(72)Name of Inventor:
Filing Date	:02/09/2004	1)KAUFMAN KILDRED L
(87) International Publication No	:WO 2005/025572	2)MEISSNER ROBERT, S.
(61) Patent of Addition to Application	:NA	3)MITCHELL HELEN J
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.1332/DELNP/2006 A

(57) Abstract:

Compounds of structural formula I are modulators of the androgen receptor (AR) in a tissue selective manner. These compounds are useful in the enhancement of weakened muscle tone and the treatment of conditions caused by androgen deficiency or which can be ameliorated by androgen administration, including osteoporosis, osteopenia, glucocorticoid-induced osteoporosis, periodontal disease, bone fracture, bone damage following bone reconstructive surgery, sarcopenia, frailty, aging skin, male hypogonadism. postmenopausal symptoms in women, atherosclerosis, hypercholeslcrolemia. hyperlipidemia, obesity, aplastic anemia and other hematopoietic disorders, inflammatory arthritis and joint repair, HIV-wasting, prostate cancer, benign prostatic hyperplasia (BPH), abdominal adiposity, metabolic syndrome, type II diabetes, cancer cachexia, Alzheimers disease, muscular dystrophies, cognitive decline, sexual dysfunction, sleep apnea, depression, premature ovarian failure, and autoimmune disease, alone or in combination with other active agents.

No. of Pages: 127 No. of Claims: 42

(19) INDIA

(22) Date of filing of Application :10/03/2006 (43) Publication Date : 06/02/2015

(54) Title of the invention: THIENOPYRROLES AS ANTIVIRAL 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 	:0321003.6 :09/09/2003 :U.K. :PCT/GB2004/003838 :07/09/2004 :WO 2005/023819	(72)Name of Inventor: 1)ATTENNI, BARBARA
(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	2)NARJES, FRANK 3)HERNANDO, JOSE IGNACIO MARTIN 4)ONTORIA ONTORIA, JESUS MARIA 5)MALANCONA, SAVINA 6)ROWLEY, MICHAEL

(21) Application No.1333/DELNP/2006 A

(57) Abstract:

Thienopyrroles as Antiviral Agents The present invention relates to thienopyrrole compounds of formula (I): (Figuer Removed) wherein A, B, Y, Ar, n, Z and X1 are as defined herein, and pharmaceutically acceptable salts thereof, useful in the prevention and treatment of hepatitis C infections.

No. of Pages: 76 No. of Claims: 19

(22) Date of filing of Application :30/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : DIAGNOSTIC TOOL FOR IDENTIFICATION OF PATIENTS AT RISK OF CORONARY DISEASE OR RESTENOSIS

(51) International classification	:C12Q1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Sharma Yash Paul
(32) Priority Date	:NA	Address of Applicant : Additional Professor and Former Head,
(33) Name of priority country	:NA	Department of Cardiology Advanced Cardiac Centre PGIMER
(86) International Application No	:NA	Residence: 8 H1, PGI CAMPUS, SECTOR 12 CHANDIGARH
Filing Date	:NA	Chandigarh India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)Sharma Yash Paul
Filing Date	:NA	2)Patyar Rakesh Raman
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention discloses a diagnostic tool comprising a set of marker genes CSF2RB, ADAM17 and HBG1 wherein expression of these genes is significantly altered in patients at risk of restenosis or CAD. Expression of the three genes identified is strongly altered in persons identified positive for CAD or those which are restenotic. Δ CT values for the 3 genes in the control vs positive group were found to be CSF2RB (5.37 vs 9.70), ADAM17 (8.87 vs 9.85) and HBG1(2.37 vs 7.20) respectively. Thus, using real time PCR based portable device, based on either of these genes, either alone, in combination of two or all three, accurate identification of persons can be done to predict those at risk of CAD or restenosis.

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

(22) Date of filing of Application :08/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: TRANSMISSION HOUSING HAVING INTEGRALLY-FORMED WALLS

(05) 7	(71)Name of Applicant: 1)CATERPILLAR INC. Address of Applicant: 100 N.E. ADAMS STREET, PEORIA, ILLINOIS 61629, . U.S.A. (72)Name of Inventor: 1)CASHATT, PAUL D.
(61) Patent of Addition to Application Number :NA Filing Date :NA 4	2)HUDSON, DARRYL I. 3)WATTS, MICHAEL E. 4)DEPPERT, CORY J. 5)EDDINGFIELD, MICHAEL G.

(57) Abstract:

A housing for a transmission is disclosed. The housing may have a plurality of integrally-formed walls that together create an enclosure with an open first end and an open second end disposed axially opposite the first end. The housing may also have a first flange located at the first end of the enclosure and configured to engage an input housing of an engine, and a second flange located at the second end of the enclosure and configured to engage a differential housing. The plurality of integrally formed walls includes a lower wall having at least one impingement protection feature.

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

(21) Application No.1081/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :10/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : SYSTEM AND METHOD FOR SETTING UP, COMMISSIONING AND OPERATING A WIND POWER PLANT

(51) International classification (31) Priority Document No	:F03D :ES201200404)
(32) Priority Date (33) Name of priority country	:17/04/2012 :Spain	Address of Applicant :AVENIDA CIUDAD DE LA LNNOVACION, 9-11, 31621 SARRIGUREN (NAVARRA)
(86) International Application No Filing Date	:NA :NA	SPAIN (72)Name of Inventor :
(87) International Publication No(61) Patent of Addition to Application Number	: NA :NA	1)LOBATO PENA, LUIS MANUEL 2)ZUDAIRE LATIENDA, PEDRO MARIA
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

THE INVENTION RELATES TO A SYSTEM AND A METHOD FOR SETTING UP, COMMISSIONING AND OPERATING A WIND POWER PLANT COMPRISING A PLURALITY OF WIND TURBINE GENERATORS BEING OPERATIVELY CONNECTED TO A POWER GRID.

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

(22) Date of filing of Application :29/07/2013

(43) Publication Date: 06/02/2015

(54) Title of the invention : CELL CULTURE ATTENUATED LIVE ORF VACCINE FOR PROTECTION OF GOAT/SHEEP AGAINST ORF (CONTAGIOUS PUSTULAR DERMATITIS)

(51) International classification	:A61K39/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH
(32) Priority Date	:NA	Address of Applicant :INDIAN COUNCIL OF
(33) Name of priority country	:NA	AGRICULTURAL RESEARCH, KRISHI BHAWAN, DR.
(86) International Application No	:NA	RAJENDRA PRASAD ROAD, NEW DELHI - 110001, INDIA.
Filing Date	:NA	Delhi India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DR. VEERAKYATHAPPA BHANUPRAKASH
Filing Date	:NA	2)DR. MADHUSUDAN HOSAMANI
(62) Divisional to Application Number	:NA	3)DR. RAJ KUMAR SINGH
Filing Date	:NA	4)DR. GNANAVEL VENKATESAN

(57) Abstract:

The present invention relates to the development of a live attenuated vaccine for control of Orf in sheep and goat. Orf infection is most significant in small ruminants as it causes substantial losses through high morbidity, mortality, decreased productivity and hide damage. The vaccine developed here can be used to protect both sheep and goats A from clinical disease when administered at a dose of 10 30 TCID50 per animal. The vaccine is given intra-dermally at the inner aspect of thigh region in a volume of 0.2 ml per animal. The vaccine is expected to bring down the incidence of the disease contributing eventually to the enhanced productivity of small ruminant. The vaccine developed, described and claimed in this patent, can effectively be used for control of orf, where orf infection is enzootic. The orf virus can potentially exploited to as virus vector through genetic manipulation, for developing recombinant virus vectored vaccine against important pathogens.

No. of Pages: 29 No. of Claims: 1

(22) Date of filing of Application :31/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: SYSTEMS AND METHODS FOR SHARING DIGITAL MEDIA.

(51) International classification	:H04L29/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)GAURAV GOYAL
(32) Priority Date	:NA	Address of Applicant :H.NO. 1399 SEC-16, FARIDABAD,
(33) Name of priority country	:NA	HARYANAN-121002 Haryana India
(86) International Application No	:NA	2)MOHIT GAMBHIR
Filing Date	:NA	3)PRADEEP AGRAWAL
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)GAURAV GOYAL
Filing Date	:NA	2)MOHIT GAMBHIR
(62) Divisional to Application Number	:NA	3)PRADEEP AGRAWAL
Filing Date	:NA	

(57) Abstract:

A method and system for generating a network address for a media file is disclosed A media sharing system receives inputs from a user. The inputs include attributes associated with the media file. The media sharing system defines media segments in the media file based on the received inputs. Further, the media sharing system generates the network address for the media file based on the defined media segments and the received inputs. The generated network address of the media file is then shared with other users to share the media file.

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

(22) Date of filing of Application :31/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : COATED BIAXIAL ORIENTED POLYESTER FILM FOR DIGITAL PRINTING AND A PROCESS FOR PREPARING 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 	:B32B27/00,G03G9/00 :NA :NA :NA :NA :NA : NA : NA	(71)Name of Applicant: 1)POLYPLEX CORPORATION LTD Address of Applicant: B-37, Sector-1, Noida Uttar Pradesh India (72)Name of Inventor: 1)Pranay Kothari
Number	:NA :NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a coating composition for polyester film capable of printing on all types of printers with liquid and dry toners. The coating composition comprising of a combination of polyethylene carboxylic acid dispersion and homopolymer or copolymer of polyacrylate dispersion and/or homopolymer or copolymer of polyvinyl acetate dispersion, wherein acrylate and/or acetate content be is in the range of 1 to 50% of carboxylic acid content in the dispersion.

No. of Pages: 26 No. of Claims: 13

(21) Application No.1083/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :10/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: AXLE BEAM 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 (22) Principped to Application Number 	:NA :NA : NA :NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An axle beam and a method of manufacture. The axle beam may have a unitary construction that includes a beam portion and a boss portion. The boss portion may have first and second pins that are spaced apart from each other and spaced apart from the beam portion. The first and second pins may be coaxially disposed.

No. of Pages: 13 No. of Claims: 20

(22) Date of filing of Application :12/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: CONTROLLING SUN POSITION TRACKING OF SOLAR MODULES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:F24J :10 2012 206 682.9 :24/04/2012 :Germany :NA :NA	(71)Name of Applicant: 1)IDEEMATEC DEUTSCHLAND GMBH Address of Applicant:NEUSLING 9C, 94574, WALLERFING, GERMANY (72)Name of Inventor: 1)JOHANN KUFNER
(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 :NA	

(57) Abstract:

The present invention relates to a system for controlling the sun position tracking of solar modules, comprising a plurality of tracking units (N1) which are pivotable about at least one axis by means of at least one adjusting unit (MI), each of these tracking units is associated to an individual control unit (El) 10 which controls the adjusting unit(s); a power supply system (20) having supply lines (28), providing the adjusting units with power, each of the supply lines (28), for the adjusting units (MI) of a group of tracking units, extending from a main control unit (HI) associated to this group. The main control unit (HI), if necessary, transmits set position data to the individual control units of the 15 tracking units (NI) associated therewith.

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

(22) Date of filing of Application :29/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: FEED SUPPLEMENT FOR REDUCING FASCIOLOSIS IN RUMINANTS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Siling Date (10) NA (11) NA (12) NA (13) Name of Priority country (13) NA (14) NA (15) NA (15) NA (16) Patent of Addition to Application Number (15) NA (16) NA (17) NA (18) NA ((71)Name of Applicant: 1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH Address of Applicant: INDIAN COUNCIL OF AGRICULTURAL RESEARCH, KRISHI BHAWA, DR. RAJENDRA ROAD, NEW DELHI-110001, INDIA Delhi India (72)Name of Inventor: 1)DR. PUTAN SINGH 2)DR. ASHOK KUMAR VARMA 3)DR. ANI BENCY JACOB 4)DR. O.K. RAINA 5)DR. VISHWA BANDHU CHATURVEDI 6)DR. SURESH CHANDRA GUPTA
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(57) Abstract:

The feed supplement containing 10% deoiled mahua seed cake (DMSC) alleviated the severity of F. gigantica infection and also improved the performance of large ruminants. The results indicated that average daily gain (g) and feed conversion efficiency improved significantly due to supplementation of DMSC in the diet of infected large ruminants.

No. of Pages: 18 No. of Claims: 2

(22) Date of filing of Application :31/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: WATER SOLUBLE POLYFLUORENE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A23F5/00,C07K14/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant: ANUSANDHAN BHAWA, RAFI MARG, NEW DELHI-110001, INDIA Delhi India (72)Name of Inventor: 1)ASHA SYAMAKUMARI 2)SENTHI KUMAR
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(57) Abstract:

The present invention provide water soluble polyfluorenes functionalized with glucuronic acid useful in sensing bilirubin in aqueous medium and process for preparation thereof. The invention further deals with detecting bilirubin in human serum samples in the range from normal (< 25 umol/L - 1.2 mg/dL) human bilirubin level to jaundiced bilirubin level (> 50 umol/L - 25 mg/dl) This is a fluorescence tum-off mode of detection where blue fluorescence of polymer quenches and becomes colorless. The water soluble polyfluorenes functionalized with glucuronic acid can detect free bilirubin in the range from lx10- M to lx 10 - 7 M moles in aqueous and buffer media as a change in the fluorescence signal.

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

(22) Date of filing of Application :31/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: NOVEL ION EXCHANGE MEMBRANE AND THE PROCESS OF PREPARATION THEREOF

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C25B1/46 :NA :NA :NA	(71)Name of Applicant: 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant: ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110001, INDIA. Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)UMA CHATTERJEE
(61) Patent of Addition to Application Number	:NA	2)SURESH KUMAR JEWARAJKA
Filing Date	:NA	3)SREEKUMARAN THAMPY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to the preparation of novel anion exchange membranes from bicomponent or tricomponent copolymers containing both quaternizable and cross-linkable moieties. The bicomponent copolymers consisted with polyacrylonitrile and poly(2-dimethylaminoethyl) methacrylate and the tricomponent copolymers consisted with polyacryloniterle and poly2-dimethylaminoethyl) methacrylate and polyn-butyl acrylate. Quaternization of dimethyl amino groups of copolymer by methyl iodide followed by crosslinking of acrylonitrile groups of copolymer by hydrazine hydrate resulted anion exchange membrane with desired properties such as high ion exchange capacity (1.30-1.50 meclg-),high transport number (0.92-0.93) for direct use in electrodyalysis unit. The tricomponent anion exchange membrane containing 32 wt% PDMA, 17 wt% PnBA, and 51 wt% PAN exhibited improved performance mainly in terms of low power consumption and high current efficiency during desalination of water.

No. of Pages: 29 No. of Claims: 10

(22) Date of filing of Application :05/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: APPARATUS AND METHOD FOR ARC FAULT DETECTION

(31) Priority Document No:12(32) Priority Date:01(33) Name of priority country:U.(86) International Application No:NA		М,
Filing Date :NA (87) International Publication No : N	A 1)HANDY, PETER JAMES	
(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date :NA Filing Date	A A	

(57) Abstract:

An apparatus and method for detecting an arc fault using a power conductor (14) on a printed circuit board (PCB) (10), which supplies power from an external power source to electrical components on the PCB (10) by sensing a value indicative of the rate of change of current passing through the power conductor (14). The apparatus and method may be used for detecting arc faults both internal and external to the PCB (10).

No. of Pages: 18 No. of Claims: 22

(22) Date of filing of Application :08/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : AQUEOUS COATING COMPOSITIONS INCLUDING PHENYLPHENOL ETHOXYLATE SURFACTANTS

(51) International classification	:C08L	(71)Name of Applicant :
(31) Priority Document No	:61/625,747	. ,
(32) Priority Date	:18/04/2012	
(33) Name of priority country	:U.S.A.	MICHIGAN 48674, USA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)IRINA V. GRAF
(87) International Publication No	: NA	2)CYNTHIA L. RAND
(61) Patent of Addition to Application Number	:NA	3)ARKADY L. KRASOVSKIY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An aqueous coating composition including an aqueous polymeric dispersion and from 0.1% to 40% by weight, based on the weight of the aqueous polymeric dispersion solids, Phenylphenol-(CHZCHO)Z-isOomHe,r s thereof, 5 aromatic ring substituted analogues thereof, and mixtures thereof is provided. Also provided are a method for formingaa coating therefrom, a method for improving the freeze-thaw stability of an aqueous coating including a polymeric dispersion and alternative uses for Phenylphenol- (CH2CHz0)2-50H7is omers thereof, aromatic ring substituted analogues 1 0 thereof, and mixtures thereof.

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

(12) FATENT AFFLICATION FUBLICATION

(22) Date of filing of Application :09/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: DEEP SEA PH SENSOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H01L :13/495,613 :13/06/2012 :U.S.A. :NA :NA :NA :NA	,
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.1057/DEL/2013 A

(57) Abstract:

(19) INDIA

Systems and methods are provided for a deep sea pH sensor. In one embodiment, a method for manufacturing a pH sensor comprises forming a sensor electrode in a working surface of a die wherein the sensor electrode is able to sense the pH of a liquid and forming at least one isolation groove around the sensor electrode on the working surface ofthe die, wherein the die has a wide street around the sensor electrode and the at least one isolation groove. The method further comprises mounting the die onto a base and securing a seal on the working surface in the wide street, wherein the seal surrounds the isolation groove, the seal sealing the liquid within the portion ofthe working surface ofthe die containing the sensor electrode and the isolation groove, when the pH sensor is subjected to high pressure.

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

(21) Application No.2250/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :29/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: NATURAL & ARTIFICIAL AURA CREATOR

(51) International classification	:A61F 2/00	(71)Name of Applicant: 1)PRASOON PRASHANT
(31) Priority Document No	:NA	Address of Applicant :11 ASHOK NAGAR NEAR
(32) Priority Date	:NA	PACHKUIYAN AGRA, U.P. Uttar Pradesh India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)PRASOON PRASHANT
Filing Date	:NA	
(87) 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 is a new kind of mechanism created by the usage of current cutting edge eco friendly technology By the usage of both sun & artificial light source a natural aura is created which increase the potential of old mythologies & Vedas & thus increase the feel of statues in the temples thus give a feeling of warmth to the devotees

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

(22) Date of filing of Application :31/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: SYSTEM AND METHOD FOR PROVIDING SERVICES IN TELECOMMUNICATION NETWORK

(51) International classification(31) Priority Document No(32) Priority Date	:NA :NA	(71)Name of Applicant: 1)RAJENDER KUMAR NANGIA Address of Applicant: C-43, JUNGPURA B, NEW DELHI -
(33) Name of priority country(86) International Application No	:NA :NA	110014 NEAR RAJDOOT HOTEL Delhi India (72)Name of Inventor:
Filing Date	:NA	1)RAJENDER KUMAR NANGIA
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system and methodfor providing content or information over a communication network having communication service providers. The system includes a call handler having a call landing module configured to receive an incoming call from a calling device, wherein the incoming call is generated by dialling a predetermined service number on the calling device. Further, the call handler includes a call action module configured to capture a Calling Line Identity (CLI) of the calling device and capture the predetermined service number, and is configured to perform an action on the incoming call. Also, the system includes a look up moduleand a forwarding module configured to scan a database having information or content corresponding to a plurality of service numbers, retrieve information or content corresponding to the predetermined service number from the database, andforward the information or content to the calling device.

No. of Pages: 107 No. of Claims: 45

(22) Date of filing of Application :08/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: SURFACTANT COMPOSITIONS AND USE FOR AQUEOUS COMPOSITIONS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:C09K :61/636,780 :23/04/2012 :U.S.A. :NA	l /
Filing Date (87) International Publication No	:NA : NA	1)IRINA V. GRAF 2)ARKADY L. KRASOVSKIY
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A surfactant composition selected from the group consisting of: AO-(CHCH[CHCHO)I-IO(CHisomCeHrs, Oar)om-aticO rHin,g substituted analogues, and mixtures thereof; and an aqueous coating composition including an aqueous polymeric dispersion, and certain other compositions, including the surfactant composition are provided. Also provided are a method for forming a coating and a method for improving the fieezelthaw stability of an aqueous composition including .an aqueous polymeric dispersion.

No. of Pages: 16 No. of Claims: 6

(22) Date of filing of Application :11/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: METHOD AND DEVICE FOR PRODUCING A COATED STRUCTURAL ELEMENT

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:Germany	(71)Name of Applicant: 1)HORMANN KG BROCKHAGEN Address of Applicant: HORTSTRASSE 17, 33803, STEINHAGEN, GERMANY (72)Name of Inventor:
(86) International Application No	:NA	1)DR. MICHAEL BRINKMANN
Filing Date	:NA	
(87) 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 an annular slot antenna (I), comprising -an inner conductor (I), -a jacket like outer wall (A), which surrounds the inner conductor (I), -a front plate (V) having a circumferential annular slot (lo), and -a rear plate (H) which is opposite to the front plate (v) wherein front plate (V) and rear plate (H) are connected by the inner conductor I and wherein front plate (V), rear plate (H) and the outer wall (A) form a cavity, -a coaxial feed line (20), wherein the contacting of the feed line (20) occurs centrally via the rear plate (H) of the annular slot antenna (1). According to the invention, the inner conductor (I) is divided by a dielectric gap (15) into a rear section and a front section, wherein the inner conductor (21) of the coaxial feed line (20) is contacted with the front section of the inner conductor (I) and the outer conductor of the coaxial feed line (20) is contacted with the rear section.

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

(22) Date of filing of Application :29/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : PROTECTING PACKET TRAFFIC IN A NETWORK INCLUDING AN ADAPTIVE BANDWIDTH LINK

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority systems	:NA :NA	(71)Name of Applicant: 1)CISCO TECHNOLOGY, INC. Address of Applicant: 170 W. TASMAN DRIVE, SAN JOSE,
(33) Name of priority country(86) International Application No	:NA :NA	CA 95134 (UNITED STATES) U.K. (72) Name of Inventor :
Filing Date (87) International Publication No	:NA : NA	1)JAYARAMAN, KANNAN 2)SALAM, SAMER
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)BHANDARI, SHWETHA SUBRAY 4)LISTE JOSE A.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In one embodiment, a packet switching device receives a notification that a link has a diminished packet transport capacity. In response, the packet switching devices changes forwarding information for a portion of the packet traffic being sent over the diminished packet transport capacity link to traverse one or more reroute paths not including the diminished link, while some packet traffic continues to use the diminished packet transport capacity link. This notification can be received directly from a communications device, or via a routing protocol such as for a remote link that sent packet traffic may traverse. These rerouted paths may be precomputed and installed in forwarding data structures for fast rerouting, or computed and installed in response to receiving the notification. In one embodiment, quality of service (QoS) is adjusted in response to receiving the notification.

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

(22) Date of filing of Application :01/08/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : CHEMOPREVENTION OF BREAST CANCER USING NANOPARTICULATE CURRCUMIN COMPOSTIONS

(51) International classification	:A61K31/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)YADAV DEEPAK
(32) Priority Date	:NA	Address of Applicant :H.NO.3105, SECTOR 23-D,
(33) Name of priority country	:NA	CHANDIGARH, INDIA-160 023. Chandigarh India
(86) International Application No	:NA	2)YADAV KIRAN
Filing Date	:NA	3)KUMAR NEERAJ
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)YADAV DEEPAK
Filing Date	:NA	2)YADAV KIRAN
(62) Divisional to Application Number	:	
Filed on	:01/01/1900	
(55) 11		1

(57) Abstract:

The present invention involves methods for the prevention of breast cancer or the initiation and/or progression of breast cancer in a mammal comprising administration to the mammal an effective amount of nanoparticulate curcumin compositions. The methods comprise administering nanoparticulate curcumin compositions through any of the deliverable routes. Parenteral injections of the compositions comprise physiologically acceptable sterile aqueous dispersions. Methods involve administering the provided curcumin compositions in an effective amount in multiple doses, preferably twice a week in the dose range of about 0.5 mg/kg to about 50 mg/kg to said mammal over a period of about 16 to 18 weeks.

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

(21) Application No.1000/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :03/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: SHEET PROCESSING APPARATUS

(51) International classification	:B41J	(71)Name of Applicant :
(31) Priority Document No	:2012-	1)MAX CO., LTD.
(31) I Hority Document No	103272	Address of Applicant :6-6, NIHONBASHI HAKOZAKI-
(32) Priority Date	:27/04/2012	CHO, CHUO-KU, TOKYO 103-8502, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)AKIRA AOKI
Filing Date	:NA	2)TAKUYA KUBOTA
(87) 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 sheet processing apparatus is provided with an operation member 70 and an motion member 6 1 that rotates with a force of the operation member 70 through the connection part 70c and applies force to an acting member 60. A fulcrum 0 of a rotating operation of the operation member 5 70 moves depending on an operation of the operation member 70. Thereby, a first length L1 between the fulcrum 0 and a part El at which the operation member 70 is applied with the force and a second length L2 between the fulcrum 0 and a part E2 at which the force is applied from the operation member 70 to the motion member 6 1 are changed.

No. of Pages: 134 No. of Claims: 5

(22) Date of filing of Application :08/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: CONTROL PLATFORM FOR A ROAD MAKING MACHINE

(51) International classification	:A62B	(71)Name of Applicant :
(31) Priority Document No	:20 2012 003 668.8	1)Joseph Vgele AG Address of Applicant :Joseph-Voegele-Strasse 1, 67067
(32) Priority Date	:12/04/2012	Ludwigshafen/Rhein, Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)Ingo HERZBERG
Filing Date	:NA	2)Tobias GOTTERBARM
(87) 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 control platform (6) for a road making machine (1), wherein the control platform (6) comprises a fall protection (10) for preventing the operator from falling down from the control platform (6). The invention is characterized by the fall protection (10) comprising a pane (14) of laminated glass.

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

(21) Application No.1096/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :11/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: ANNULAR SLOT ANTENNA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H01R :12002714.9 :19/04/2012 :EUROPEAN UNION :NA :NA :NA	(71)Name of Applicant: 1)EADS DEUTSCHLAND GMBH Address of Applicant:WILLY-MESSERSCHMITT-STRASSE 1, 85521 OTTOBRUNN, GERMANY (72)Name of Inventor: 1)SABIELNY, MICHAEL
(87) International Publication No(61) Patent of Addition to Application Number	: NA :NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

The invention relates to an annular slot antenna (I), comprising -an inner conductor (I), -a jacket like outer wall (A), which surrounds the inner conductor (I), -a front plate (V) having a circumferential annular slot (lo), and -a rear plate (H) which is opposite to the front plate (v) wherein front plate (V) and rear plate (H) are connected by the inner conductor I and wherein front plate (V), rear plate (H) and the outer wall (A) form a cavity, -a coaxial feed line (20), wherein the contacting of the feed line (20) occurs centrally via the rear plate (H) of the annular slot antenna (1). According to the invention, the inner conductor (I) is divided by a dielectric gap (15) into a rear section and a front section, wherein the inner conductor (21) of the coaxial feed line (20) is contacted with the front section of the inner conductor (I) and the outer conductor of the coaxial feed line (20) is contacted with the rear section.

No. of Pages: 24 No. of Claims: 11

(22) Date of filing of Application :01/08/2013

(43) Publication Date: 06/02/2015

(54) Title of the invention : MULTIPLEXER HYBRID USED FOR FLIGHT DATA RECORDER (FDR) SYSTEM FOR JAGUAR AIRCRAFT

(51) International classification (31) Priority Document No (32) Priority Date (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 :NA :NA	(71)Name of Applicant: 1)ASERDC, HAL, AVIONICS DIVISION, KORWA Address of Applicant: AGM (DESIGN) ASERDC HINDUSTAN AERONAUTICS LIMITED AVIONICS DIVISION, KORWA, AMETHI-227412, UTTAR PRADESH, INDIA (72)Name of Inventor: 1)SUNEEL KUMAR SRIVASTAVA 2)MUKESH KUMAR VISHWAKARMA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Multiplexer hybrid is a two stage multiplexer constructed in the form of a hybrid microcircuit. The device having 31 inputs and 2 outputs . 27 inputs out of 31 are switched through both stages in series and an additional 4 inputs are routed directly to the second stage. 27 of these 31 inputs are available at the device interface while the remaining 4 are internally generated power supply reference, viz., OV, +5V, +15V, & - 15V, the last two being halved by potential dividers before being input to the multiplexer. Either any one of 12 pairs of inputs may be selected for switching to the output pairs, or any one of the 23 signal inputs or 4 voltage references may be selected for switching to one output while the 0 V reference is output at the second. A 6-bit address is latched into the device and is entered as two 3-bit bytes into latches with independent clocks. One latch controls the first stage of the multiplexer while the other controls the second stage. The Hybrid requires three supplies + 15V, -15V, +5V. All inputs of hybrids have overvoltage & overcurrent protection. The multiplexer hybrid is completely hermetically sealed.

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

(21) Application No.1002/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :03/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: COLLAPSIBLE CONTAINER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:B29D :13/452,240 :20/04/2012 :U.S.A. :NA :NA	'
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	3)BAREA, HECTOR J.

(57) Abstract:

A collapsible container comprising a rigid base, a rigid top ring, and rigid intermediate rings extending therebetween. A flexible peripheral wall is intimately bonded to the base, top ring, and intermediate rings, to form wall sections comprising alternating sections of flexible material and flexible material intimately bonded to the intermediate rings, whereby the container is adjustable between an expanded position with the top ring spaced upward from said base and forming a container interior, and a collapsed position with said top ring surrounding said base in outwardly spaced substantially concentric relation thereto.

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

(21) Application No.1019/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :05/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR IMPROVING RUNWAY AWARENESS WITH TAKEOFF AND LANDING PERFORMANCE DATA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G08G :13/445,842 :12/04/2012 :U.S.A. :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	2)RATAN KHATWA

(57) Abstract:

Systems and methods for using flight management system (FMS) takeoff and landing (TOLD) data to determine when an alert (advisory and caution) is present. Short-runway alerts are provided on runway line-up on the ground or during approach based on FMS TOLD data. The present invention also integrates FMS TOLD data with a two(or three)-dimensional airport moving map (AMM) display to allow the AMM to display which runways can safely accommodate the aircraft given the aircrafts gross weight and takeoff performance data. Indications are provided when suitable runway length exists for an intersection departure or when suitable runway length exists for landing for any given selected runway or a runway with a land and hold short (LAHSO) clearance in affect.

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

(21) Application No.1101/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :12/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: WIND TURBINE WITH A PRIMARY AND A SECONDARY GENERATOR AND METHOD OF OPERATING SUCH WIND TURBINE

(51) International algoritisation	:F03D	(71)Nama of Applicant
(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:PA 2012	1)Envision Energy (Denmark) ApS
(31) Thomas Document No	70189	Address of Applicant :Torvet 11 2, 8600 Silkeborg, Denmark
(32) Priority Date	:16/04/2012	Denmark
(33) Name of priority country	:Denmark	(72)Name of Inventor:
(86) International Application No	:NA	1)HongDong Zhu
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This invention relates to a wind turbine of variable speed type comprising: a wind turbine tower; a nacelle provided on said wind turbine; a wind turbine rotor hub rotatably mounted at said nacelle, said wind turbine rotor hub having at least one wind turbine blade mounted thereon and a shaft coupled to said wind turbine rotor hub and to, optionally via a gear box, a primary generator which via power lines has a primary stator electrically connected to a grid connection and a primary rotor electrically connected to a back-to-back converter at a generator side converter end and where the back-to-back converter at a grid side converter end is electrically connected to the grid connection. The wind turbine further comprises a secondary generator coupled to the shaft via a mechanical coupling and electrically connected to the primary rotor of the primary generator and the generator side converter end of the back-to-back converter.

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

(22) Date of filing of Application :02/08/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: SYSTEM AND METHOD FOR OPTIMAL USAGE OF RESOURCES TO ACHIEVE DESIRED RTO FOR CLOUD BASED DISASTER RECOVERY

(51) International classification (31) Priority Document No	:NA	(71)Name of Applicant: 1)SANOVI TECHNOLOGIES PVT. LTD.
(32) Priority Date(33) Name of priority country	:NA :NA	Address of Applicant :206, CHINTELS HOUSE, A-11 KAILASH COLONY, NEW DELHI-110048, INDIA Delhi India
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor: 1)SHARAN BABASHETTY
(87) International Publication No	: NA	2)ANIL G KURIAN
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)RAJASEKHAR VONNA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A Multi-Tenant Disaster Recovery Management System (10) and method for intelligently and optimally allocating computing resources between multiple subscribers, the system (10) comprising: one or more Multi-Tenant Disaster Recovery Management Server (20) logically connected to one or more Production Site (12) and one or more cloud based Disaster Recovery Site (14); a Network (16) connecting the said Multi-Tenant Disaster Recovery Management Server (20) with the said Production Site (12) and the said cloud based Disaster Recovery Site (14), wherein the said Multi-Tenant Disaster Recovery Management Server (20) is provided with at least one Disaster Recovery (DR) Manager Module (28), at least one Drill Scheduler Module (30), at least one Drill Executor Module (32), at least one WS Interface Module (34), at least one Usage Monitor Module (36) and at least one Report Manager Module (38).

No. of Pages: 42 No. of Claims: 19

(21) Application No.1004/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :03/04/2013

(43) Publication Date: 06/02/2015

(54) Title of the invention: ELEVATOR-HALL DOOR PANEL

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B66B :2012- 279753 :21/12/2012 :Japan :NA :NA : NA :NA :NA :NA	(71)Name of Applicant: 1)TOSHIBA ELEVATOR KABUSHIKI KAISHA Address of Applicant:5-27, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, TOKYO-TO, JAPAN (72)Name of Inventor: 1)ISHI YUKIO
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(57) Abstract:

An elevator-hall door panel excellent in fire resistance and heat insulation is provided. A pair of elevator-hall door 5 panels la and lb each includes a frame body 12 and a windowpane 13 held on the frame body 12. The windowpane 13 includes a plurality of laminated glass plates 13a, and a foam resin material 13b located between the glass plates 13a. When a fire occurs and the door panels la and lb are heated, the 10 foam resin material 13b is heated to expand so as to increase a thickness of the windowpane 13 as a whole.

No. of Pages: 23 No. of Claims: 6

(22) Date of filing of Application :05/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR SENSING THE OPERATIONAL STATUS OF AN ACOUSTIC HORN

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G01N :13/451,074 :09/04/2012 :U.S.A. :NA :NA :NA :NA :NA :NA	, , , , , , , , , , , , , , , , , , ,
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(57) Abstract:

A system for sensing an operational status or level of performance of an acoustic horn makes use of a vibration sensor that is operatively coupled to the driver of the acoustic horn. The sensor can be an accelerometer. The sensor outputs a vibration signal when the acoustic horn is operating. Characteristics of the vibration signal are compared to threshold values or to patterns to determine the operational status or level of performance of the acoustic horn.

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

(22) Date of filing of Application :09/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: CHASSIS FOR A ROAD MAKING MACHINE

(51) International classification	:E01C	(71)Name of Applicant:
(31) Priority Document No	:20 2012	1)Joseph Vgele AG
(32) Priority Date	003 756.0 :13/04/2012	Address of Applicant :Joseph-Voegele-Strasse 1, 67067 Ludwigshafen/Rhein, Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)Thomas SCHMIDT
Filing Date	:NA	2)Tobias GOTTERBARM
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a chassis (1) for a road making machine (2), comprising at least one first longitudinal beam (3) which extends at least in sections laterally along an engine compartment (7) of the road making machine (2), the longitudinal beam (3) comprising a step (6) which divides the longitudinal beam (3) into an external longitudinal beam section (4) and an internal longitudinal beam section (5), the internal longitudinal beam section (5) forming a receiving area (9) by the step (6) in which a first cover element (11) can be received.

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

(19) INDIA

(22) Date of filing of Application :13/03/2013

(21) Application No.2272/DELNP/2013 A

(43) Publication Date: 06/02/2015

(54) Title of the invention: APPLICATION UNIT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B05C1/06,D21G3/00 :10 2010 037 401.6 :08/09/2010 :Germany :PCT/EP2011/065559 :08/09/2011 :WO 2012/032121 :NA :NA :NA	(71)Name of Applicant: 1)CTP GMBH Address of Applicant: Ludwig Schffel Strasse 6 86830 Schwabml/Anchen Germany 2)JOH. CLOUTH MASCHINENBAU ELTMANN GMBH & CO. KG (72)Name of Inventor: 1)PFEIFLE Marcus 2)POPP Tobias
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(57) Abstract:

The present invention relates to an apparatus and a method for applying a liquid active substance to surfaces moving in a circulating manner, such as of cylinders (3), rolls, fabrics (4) or other moving webs, consisting of a metering unit and an application unit (1), The invention is distinguished by the fact that the active substance is conducted to the application unit (1) by means of the metering unit, and the application unit (1) has a pad (12, 60, 65, 96) with an open-pore mesh structure for receiving and storing the active substance and for applying the active substance as a film as a function of the degree of saturation and the contact pressure of the pad (12, 60, 65, 96) on the moving surface. Furthermore, the invention also comprises the use of the apparatus for keeping moving surfaces free from deposits, accumulations or contaminants.

No. of Pages: 50 No. of Claims: 28

(22) Date of filing of Application :02/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: DOUBLE LAYER SOLAR HEATING AND COOLING THERMOSYPHON 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 	:29/10/2012 :WO 2013/063590 :NA :NA :NA	(71)Name of Applicant: 1)TEOH Siang Teik Address of Applicant: No. 2 Jalan SS 14/7F 47500 Subang Jaya Selangor 47500 Malaysia (72)Name of Inventor: 1)TEOH Siang Teik
Filing Date	:NA	

(57) Abstract:

A solar liquid heating and cooling system includes: a hot liquid storage tank; a hot liquid manifold tank; a coaxial heating and cooling tube that connects downward from the hot liquid storage tank to the hot liquid manifold tank; a double layer heating and cooling collector array panel located beneath the hot liquid manifold tank the panel including connected to the hot liquid manifold tank; a an upper layer of glazed heating tubes; and a lower layer of unglazed cooling tubes; parabolic trough mirror reflectors that are located between the upper and lower layers of tubes; a cold liquid manifold tank located below the panel connected to lower ends both of the glazed heating tubes and of the unglazed cooling tubes; a cold liquid storage tank; and a coaxial heating and cooling tube that connects downward from the cold liquid manifold tank to the cold liquid storage tank.

No. of Pages: 53 No. of Claims: 29

(21) Application No.1023/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :05/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: VEHICLE THROTTLE APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:F02D :2012- 091315 :12/04/2012 :Japan :NA :NA	(71)Name of Applicant: 1)SUZUKI MOTOR CORPORATION Address of Applicant: 300, TAKATSUKA-CHO, MINAMI-KU, HAMAMATSU-SHI, SHIZUOKA 432-8611 (JP) Japan (72)Name of Inventor: 1)TANAKA, KOICHI
(87) International Publication No(61) Patent of Addition to Application Number Filing Date	: NA :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A vehicle throttle apparatus includes a throttle,, grip provided on a handle, an accelerator position sensor that is connected to the throttle grip via a throttle cable and detects the amount of operation of the throttle grip, and a front fender arranged above the front wheel, in which the accelerator position sensor is provided along a top surface of the front fender.

No. of Pages: 28 No. of Claims: 6

(22) Date of filing of Application :09/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: METHOD OF PRODUCING A MELT-INFILTRATED CERAMIC MATRIX COMPOSITE 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 (62) Divisional to Application Number Filing Date 	:61/639,629 :27/04/2012	
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(57) Abstract:

A process for producing silicon-containing CMC articles. The process entails producing a matrix slurry composition that contains at least one resin binder and a SiC powder. The SiC powder is a precursor for a SiC matrix of the CMC article and the resin binder is a precursor for a carbon char of the matrix. A fiber reinforcement material is impregnated with the slurry composition to yield a preform, which is then heated to form a porous preform that contains the SiC matrix and porosity and to convert the resin binder to the carbon char that is present within the porosity. Melt infiltration of the porosity is then performed with molten silicon or a molten silicon-containing alloy to react the carbon char and form silicon carbide that at least partially fills the porosity within the porous preform. The carbon char constitutes essentially all of the elemental carbon in the porous preform. -22-

No. of Pages: 24 No. of Claims: 28

(22) Date of filing of Application :30/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: CLOSURE WITH METERED DOSING SYSTEM

 (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)RANBAXY LABORATORIES LIMITED Address of Applicant:12TH FLOOR, DEVIKA TOWER, 6, NEHRU PLACE, NEW DELHI-110019, INDIA. Delhi India (72)Name of Inventor: 1)KANCHAN MALHOTRA
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	2)SANTANU CHOWDHURY

(57) Abstract:

The present invention relates to a closure assembly comprising a metered dosing system which is installed upon a liquid drug formulation container to normally maintain the mouth of such a container closed during periods of non-use, but which, when opened, is operable to dispense the specified amount of said liquid drug formulation.

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

(21) Application No.2276/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :30/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: TOPICAL APPLICATOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61K9/00 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)RANBAXY LABORATORIES LIMITED Address of Applicant: 12TH FLOOR, DEVIKA TOWER, 6 NEHRU PLACE, NEW DELHI-110019, INDIA Delhi India (72)Name of Inventor: 1)PRIYANKA AGGARWAL
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA :NA	2)SANTANU CHOWDHURY

(57) Abstract:

The present invention relates to a topical applicator comprising (i) a tube containing a semi-solid dosage form; and (ii) a massaging assembly.

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

(22) Date of filing of Application :02/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: DISPLAY SYSTEM FOR EXCAVATION MACHINE AND EXCAVATION MACHINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:2012223499 :05/10/2012 :Japan	(71)Name of Applicant: 1)KOMATSU LTD. Address of Applicant: 2 3 6 Akasaka Minato ku Tokyo 1078414 Japan (72)Name of Inventor: 1)NOMURA Azumi 2)HASHIMOTO Takahiro 3)FUJITA Etsuo 4)FUKANO Ryo
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(57) Abstract:

A display system (28) for an excavation machine includes: a vehicle state detector for detecting information related to a current position and orientation of an excavation machine provided with a working machine including a bucket; a storage unit (43) for storing target surface positional information indicating a target shape for an object undergoing work; a display (42) which displays on a screen the bucket a design surface and the target surface positional information; and a processing unit (44) which obtains a position of a cutting edge of the bucket on the basis of the information related to the current position and orientation of the excavation machine and which when at least a portion of the bucket enters a prescribed range in the periphery of the target surface in a direction orthogonal to the target surface displays on the screen of the display (42) a trajectory of the cutting edge present within the prescribed range said trajectory being obtained on the basis of the position of the cutting edge.

No. of Pages: 76 No. of Claims: 13

(21) Application No.1011/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :04/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: DEVICE FOR POSITIONING A CIRCUIT 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 Number Filing Date 	:G02B :102012206980.1 :26/04/2012 :Germany :NA :NA : 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)REIBER, HARALD
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(57) Abstract:

The present subject matter relates to device (30) for positioning a circuit board (8, 10) on a positioning module (4) in a housing (3) of an electrical device, wherein the device (30) has at least one first guide rail (34) for guiding the circuit board (8, 10), to be positioned, having a profile, wherein the profile of the at least one first guide rail (34) has at least one curvature (47,49).

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

(21) Application No.1082/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :10/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: CATIONIC ELECTRODEPOSITION COATING COMPOSITION

(51) International classification	:C25D	(71)Name of Applicant :
(31) Priority Document No	:2012- 100521	1)KANSAI PAINT CO., LTD. Address of Applicant :33-1, KANZAKI-CHO,
(32) Priority Date	:26/04/2012	AMAGASAKI-SHI, HYOGO 6618555, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)HIDEKI IIJIMA
Filing Date	:NA	2)KEI ITO
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract:

An object of the present invention is to find a cationic electrodeposition coating composition that has good coating stability 5 and excellent throwing power and corrosion resistance, and that is particularly excellent in corrosion resistance under severe conditions, and to provide a coated article that is excellent in coating film perfonance. The present invention provides a cationic electrodeposition coating composition containing a polyester resin (A) 10 having an acid value of 10 mgKOH/g or less and a number average molecular weight of not less than 1,000 and not more than 7,000, an amino group-containing epoxy resin (B), and a blocked polyisocyanate curing agent (C), the polyester resin (A) being present in an amount of 3 to 40 mass%, the amino group-containing epoxy resin (B) being present 15 in an amount of 20 to 60 mass%, and the blocked polyisocyanate curing agent (C) being present in an amount of 10 to 40 mass%, based on the total mass of the components (A), (B), and (C) on a solids basis.

No. of Pages: 43 No. of Claims: 6

(21) Application No.2284/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :31/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: A NOVEL CHOCLATE COMPOSITON FOR DIABETES.

(51) International classification	:A23L1/30,	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. SYED TANVIR ALI
(32) Priority Date	:NA	Address of Applicant :319/5, SECOND FLOOR, SARAI,
(33) Name of priority country	:NA	MAIDAN GARHI ROAD, NEW DELHI - 110068 Delhi India
(86) International Application No	:NA	2)GURMUKH SINGH GHULDU
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DR. SYED TANVIR ALI
(61) Patent of Addition to Application Number	:NA	2)GURMUKH SINGH GHULDU
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A chocolate comprising 40% to 50% by wt. of Maltitol, 8% to 10% by wt. of Whole Milk Powder, 3 to 5% by wt. of Whey powder, 5% to 8% by wt. of Cocoa powder, 0.1% to 0.4% by wt. of Lecithin, .l% to .3% by wt. of PGPR, .O1% to .03% by wt. of EV, 1% to 3% of Fenugreek extract powder, and the rest being food grade additives and food preservatives.

No. of Pages: 7 No. of Claims: 1

(21) Application No.2285/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :31/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: A NOVEL COOKIES COMPOSITON FOR DIABETES.

(51) International classification	:A23L1/30,	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DR. SYED TANVIR ALI
(32) Priority Date	:NA	Address of Applicant :319/5, SECOND FLOOR, NEB
(33) Name of priority country	:NA	SARAI, MAIDAN GARHI ROAD, NEW DELHI-110068 Delhi
(86) International Application No	:NA	India
Filing Date	:NA	2)GURMUKH SINGH GHULDU
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)DR. SYED TANVIR ALI
Filing Date	:NA	2)GURMUKH SING GHULDU
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A biscuit comprising 40% - 70% by wt. wheat flour, .2% to .4% by wt. of Bran, .3 to ,7% by wt. of cereal fibers, 15% to 20% by wt. of Palm Oil, 2% to 6% by wt. of Cocoa Powder,.Ol% to .02% by wt. of Lecithin, .S% to .8% by wt. of Malt, .3% to .9% by wt. of maltodextrin, 0.02% to 0.05% by wt. of sucralose, 0.5 to 1% by wt. of hydrocolloid, 0.5 to 1% by wt. of Fenugreek extract powder and the rest being flavoring agents, food grade additives and food preservatives.

No. of Pages: 7 No. of Claims: 1

(21) Application No.2286/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :31/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: SOLAR POWER CONDITIONING UNIT WITH PREPAID METERING.

(51) International classification	:F24J (71)Name of Applicant : 2/00 1)SU-KAM POWER SYSTEMS LTD.
(31) Priority Document No	:NA Address of Applicant :PLOT 306, KIRTI DEEP BUILDING,
(32) Priority Date	:NA NANGAL RAYA, NEW DELHI Delhi India
(33) Name of priority country	:NA (72)Name of Inventor :
(86) International Application No	:NA 1)KUNWAR SACHDEV
Filing Date	:NA 2)SANJEEV KUMAR SAINI
(87) International Publication No	: NA 3)PRASHANT SHARMA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA
(55) 11	·

(57) Abstract:

This invention relates to a solar power conditioning unit with prepaid metering system comprising a power conditioning unit integrated with prepaid energy metering system, which is connected to a solar panel, grid supply and battery for supplying electricity to consumer site on prepaid basis in a grid interactive photovoltaic system.

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

(22) Date of filing of Application :02/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: RAZOR HANDLE WITH A ROTATABLE PORTION

(51) International classification (31) Priority Document No	:B26B21/52 :61/542342	(71)Name of Applicant: 1)THE GILLETTE COMPANY
(32) Priority Date	:03/10/2011	Address of Applicant :World Shaving Headquarters IP/Legal
(33) Name of priority country	:U.S.A.	Patent Department 3E One Gillette Park Boston Massachusetts
(86) International Application No	:PCT/IB2012/055315	02127 U.S.A.
Filing Date	:03/10/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2013/050952	1)MURGIDA Matthew Frank
(61) Patent of Addition to Application	:NA	2)BRUNO Michael Hal
Number	:NA	3)PATEL Ashok Bakul
Filing Date	.1 17 1	4)CUSACK Jessy Lee
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A handle for a razor the handle having a fixed portion including a first end and a second end opposite the first end and a rotatable portion coupled to the second end. The rotatable portion is configured to rotate relative to the fixed portion. The rotatable portion includes a first material and a second material such that the first material is different from the second material.

No. of Pages: 60 No. of Claims: 15

(21) Application No.1051/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :08/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: DRIVER ROOF FOR THE CONTROL PLATFORM OF A ROAD MAKING MACHINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B60N :202012003669.6 :12/04/2012 :Germany :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)Joseph Vgele AG Address of Applicant: Joseph-Vgele-Str. 1, 67067 Ludwigshafen/Rhein, Germany (72)Name of Inventor: 1)Ingo HERZBERG 2)Thomas SCHMIDT
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⁽⁵⁷⁾ Abstract:

The invention relates to a driver roof (1) for a control platform (101) of a road making machine (100), comprising a first roof module (2) and a second roof module (3) which are connected to each other permanently or detachably for forming a common driver roof (1).

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

(22) Date of filing of Application :09/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: TRANSVERSE SPREADING ARRANGEMENT FOR A ROAD FINISHING MACHINE

(51) International classification (31) Priority Document No	:E01C :202012003753.6	, , , , , , , , , , , , , , , , , , ,
(32) Priority Date(33) Name of priority country	:13/04/2012 :Germany	Address of Applicant :Joseph-Vgele-Str. 1, 67067 Ludwigshafen/Rhein, Germany
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor: 1)Thomas SCHMIDT
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	2)Martin SEIBEL
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a transverse spreading arrangement (1) for a road finishing machine with spreading screws (3, 4) that work in opposite directions, a screw suspension (5) that holds both spreading screws (3, 4), and two screw bearing brackets (8) each of which being allocated to an outer end of a spreading screw (3, 4). The invention is characterized in that each screw bearing bracket (8) comprises a closed tube (9) which is at least partially made of wear-resistant steel

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

(21) Application No.2491/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: DISPLAY UNIT HAVING A PROJECTION SCREEN FOR A HEAD UP DISPLAY

(51) International (71)Name of Applicant: :F16M11/10,F16M11/18,F16M11/04 classification 1)JOHNSON CONTROLS GMBH (31) Priority Document No :10 2010 046 009.5 Address of Applicant: Industriestrae 20 30 51399 Burscheid (32) Priority Date :18/09/2010 Germany (72)Name of Inventor: (33) Name of priority :Germany 1)HOPF Christian country (86) International 2)NOEL Alexander :PCT/EP2011/066068 3)RUMPF Horst Application No :16/09/2011 Filing Date

Publication No
(61) Patent of Addition to
Application Number
:WO 2012/035130

Filing Date

(62) Divisional to
Application Number
Filing Date

:NA
:NA

(57) Abstract:

(87) International

The invention relates to a display unit (1) having a projection screen (3) for a head-up display. According to the invention, the projection screen (3) is mechanically coupled to a main element (5), which is detachably connected to a carrier element (2) and/or a mounting (4).

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

(22) Date of filing of Application :02/04/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: METHOD OF COORDINATING OPERATION OF COMPRESSORS

(51) International classification :F25B49/02,F25B1/10,F25B7/00 (71)Name of Applicant:

(31) Priority Document No :PA2011 00780 (32) Priority Date :07/10/2011

(33) Name of priority country :Denmark

(86) International Application No:PCT/DK2012/000110

Filing Date :05/10/2012

(87) International Publication No: WO 2013/050036

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

:NA Number :NA Filing Date

(57) Abstract:

1)DANFOSS A/S

Address of Applicant: Nordborgvej 81 DK 6430 Nordborg

Denmark

(72) Name of Inventor:

1)PRINS Jan

compressor groups comprises a controller the controllers being capable of exchanging signals. In the case that the LT compressor group needs one or more of the LT compressors to start operation it is investigated whether or not one or more of the MT compressors is/are operating. If this is the case one or more of the LT compressors is/are allowed to start operation. If it is not the case the suction pressure in the MT part of the cooling circuit is established e.g. measured and compared to a lower and an upper limit of a neutral pressure zone said neutral pressure zone lying within an operating pressure zone of the MT part of the cooling circuit. Finally the MT compressors and the LT compressors are operated based on the comparing step. The cooling system may be a cascade system or a booster system.

A method for coordinating operation between at least two groups of compressors in a cooling circuit is disclosed. A first group of compressors forms part of a low temperature (LT) part of the cooling circuit and a second group of compressors forms part of a high temperature (MT) part of the cooling circuit. Each of the compressor groups comprises one or more compressors and each of the

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

(22) Date of filing of Application :02/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: CATALYST AND PROCESS FOR HYDROCARBON CONVERSION

(51) International classification	:C07C5/27,C07C15/08	(71)Name of Applicant:
(31) Priority Document No	:13/286553	1)UOP LLC
(32) Priority Date	:01/11/2011	Address of Applicant :25 East Algonquin Road P. O. Box
(33) Name of priority country	:U.S.A.	5017 Des Plaines Illinois 60017 5017 U.S.A.
(86) International Application No	:PCT/US2012/056178	(72)Name of Inventor:
Filing Date	:20/09/2012	1)BOGDAN Paula L.
(87) International Publication No	:WO 2013/066509	2)WANG Hui
(61) Patent of Addition to Application	:NA	3)WILLIS Richard R.
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The subject invention comprises a hydrocarbon conversion process using a zeolitic catalyst comprising very low concentrations of non zeolitic material and featuring a gradient in crystallinity decreasing from the outer portion to the center and an intrusion pore volume of at least 0.6 cc/gram. The catalyst is particularly effective in a xylene isomerization process comprising ethylbenzene conversion.

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

(21) Application No.2602/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :02/04/2014

(43) Publication Date : 06/02/2015

(54) Title of the invention: PROCESS FOR OXIDIZING ALKYL AROMATIC COMPOUNDS

(51) International classification :C07C27/10,C07C45/28,C07C65/30

(31) Priority Document No :13/340232 (32) Priority Date :29/12/2011

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

(86) International Application :PCT/US2012/059175

Filing Date :08/10/2012

(87) International Publication :WO 2013/101324

No (61) Patent of Addition to

Application Number
Filing Date

:NA
:NA

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

(71)Name of Applicant:

1)UOP LLC

Address of Applicant :25 East Algonquin Road P. O. Box

5017 Des Plaines Illinois 60017 5017 U.S.A.

(72)Name of Inventor:

1)BHATTACHARYYA Alakananda

2)SHIH Raymond C.

(57) Abstract:

A process for oxidizing an alkyl aromatic compound is described. The process includes oxidizing the alkyl aromatic compound to produce a first oxidation product; contacting at least a portion of the first oxidation product a solvent comprising an ionic liquid a bromine source a catalyst and an oxidizing agent to produce a second product comprising a mother liquor and at least one of an aromatic alcohol an aromatic aldehyde an aromatic ketone and an aromatic carboxylic acid; and adding at least a portion of the mother liquor in the contacting step.

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

(21) Application No.2292/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :31/07/2013

(43) Publication Date: 06/02/2015

(54) Title of the invention: ASYMMETRIC SYNTHESIS OF SPIRO-3-AMINO-OXOINDOLES VIA VINYLOGOUS MANNICH REACTION TO ISATIN DERIVED N-TERT-BUTANESULFINYL KETIMINE

	·C07D	(71)Name of Applicant:
(51) International classification	209/00	
(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-110001, INDIA Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)RAVI PRAKASH SINGH
(87) International Publication No	: NA	2)UDAYA BHASKARA RAO VIPPILI
(61) Patent of Addition to Application Number	:NA	3)AMOL PANDHARINATH JADHAV
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Present invention relates to quaternary 3-substituted 3-aminooxoindoles compounds of general formula I and asymmetric synthesis of spiro-3-amino-oxoindoles conlpounds via vinylogous mannich reaction to isatin derived n-tert-butanesulfinyl ketamine.

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

(22) Date of filing of Application :02/04/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention : APPARATUS FOR MINIMIZING BYPASS IN AMMONIA OXIDATION BURNERS OF INDUSTRIAL PLANTS WITH BURNER DIAMETERS OF 2 7 M IN NATURAL OR FORCED CIRCULATION BOILERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:10 2011 112 782.1 :09/09/2011 :Germany :PCT/EP2012/003763 :07/09/2012 :WO 2013/034303 :NA	(71)Name of Applicant: 1)THYSSENKRUPP INDUSTRIAL SOLUTIONS GMBH Address of Applicant: Graf Galen Str. 17 59269 Beckum Germany (72)Name of Inventor: 1)FUCHS J'/argen
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a system of a burner basket for ammonia oxidation burners for industrial plants with burner diameters of 2.7 m in a natural or forced circulation boiler suitable for minimizing gas slip and for minimizing wave formation of means contained in the burner basket and also for minimizing loss of means contained in the burner basket wherein the burner basket has a wall (1) that is anchored in the ammonia oxidation burner and the burner basket has a gas permeable bottom plate (2) which is placed on internal fittings of the forced circulation boiler wherein the wall (1) and the gas permeable bottom plate (2) are not mechanically connected to each other and the wall (3) of the burner basket tapers conically towards the bottom plate at an angle of 5.20° from the perpendicular and in all operating states of the ammonia oxidation burner there is a peripheral gap in the range from 5 to 10 mm between the wall (1) and the gas permeable bottom plate (2).

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

(22) Date of filing of Application :02/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: APPARATUS FOR MINIMIZING BYPASS IN AMMONIA OXIDATION BURNERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International 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 2011 112 781.3 :09/09/2011 :Germany	(71)Name of Applicant: 1)THYSSENKRUPP INDUSTRIAL SOLUTIONS GMBH Address of Applicant: Graf Galen Str. 17 59269 Beckum Germany (72)Name of Inventor: 1)FUCHS J¼rgen
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(57) Abstract:

The invention relates to a sealing system of a burner basket in an ammonia oxidation burner wherein the burner basket has a wall (1) that is anchored in the ammonia oxidation burner and the burner basket has a gas permeable bottom plate (2) which is placed on further internal fittings of the ammonia oxidation burner and has a peripheral rim (8) for receiving further means wherein the wall (1) and the gas permeable bottom plate (2) are not mechanically connected to each other and so there is a gap (7) between the wall (1) and the peripheral rim (8) of the bottom plate (2) wherein at the peripheral rim (8) of the bottom plate (2) a rim seal (3) that is made up of individual segments is mounted movably by way of guiding pins (4) and the rim seal (3) projects over the gap (7) between the peripheral rim (8) of the bottom plate (2) to the wall (1) and lies against the wall (1).

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

(22) Date of filing of Application :02/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: METHOD AND APPARATUS FOR GENERATING A SORTED LIST OF ITEMS

(51) International classification :G06F17/30,H04N21/482,H04N21/466

(31) Priority Document No:11180640.2 (32) Priority Date :08/09/2011

(33) Name of priority country :EPO

(86) International

(86) International Application No :PCT/EP2012/067228 :04/09/2012

Filing Date (87) International

Publication No :WO 2013/034554

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

(71)Name of Applicant:

1)AXEL SPRINGER DIGITAL TV GUIDE GMBH Address of Applicant :Schiffbauerdamm 22 10117 Berlin

Germany

(72)Name of Inventor:

1)KORST Jan

2)PRONK Serverius Petrus Paulus

3)BARBIERI Mauro 4)CLOUT Ramon

(57) Abstract:

The invention relates to an electronic device and a method for automatic generation of a sorted list of items related to a seed item. The electronic device comprises a relatedness determinator that is configured to compare said seed item with a plurality of further items and to thus determine a relatedness value for each further item with respect to said seed item. The device device further comprises a clustering engine that is configured to cluster the further items by determining a relative relatedness between (among) the further items. Thus each further item is assigned to one cluster. The device further comprises a list generator that is configured to generate a sorted result list by sorting the further items according to both their relatedness value and their belonging (or membership) to a cluster in that once an item is added to the sorted list the relatedness value depending ranking of the further items in that cluster is at least momentary lowered so as to promote adding items of further clusters thus achieving a higher momentary relatedness value depending ranking to the top of the sorted list.

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

(22) Date of filing of Application :08/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : METHOD OF PRODUCING AN INTERNAL CAVITY IN A CERAMIC MATRIX COMPOSITE AND MANDREL THEREFOR

(51) International classification	:C04B	(71)Name of Applicant:
(31) Priority Document No	:61/639,617	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:27/04/2012	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:U.S.A.	NEW YORK 12345, U.S.A. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)GRAY, PAUL EDWARD
(87) International Publication No	: NA	2)ROBERTS III, HERBERT CHIDSEY
(61) Patent of Addition to Application Number	:NA	3)TAXCHER, GLENN CURTIS
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A process for producing an internal cavity in a CMC article and mandrels used therewith. The process entails incorporating a mandrel made of a material that is substantially absorbed during thermal treatment of a preform to form the CMC article. The mandrel material is preferably reactive with one or more constituents of the CMC preform during the thermal treatment. The material is preferably silicon or a silicon alloy.

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

(21) Application No.2252/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :29/07/2013

(43) Publication Date: 06/02/2015

(54) Title of the invention: COMBINER FILTER APPARATUS

(51) International classification (31) Priority Document No : NA (32) Priority Date : NA (33) Name of priority country : NA (86) International Application : NA Filing Date (87) International Publication : NA (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application : NA (62) Divisional to Application : NA (63) Number : NA (64) Patent of Application : NA (65) Divisional to Application : NA (66) Divisional to Application : NA (66	A A A A A A A A A A A A A A A A A A A	 (71)Name of Applicant: 1)Radio Design India Private Ltd Address of Applicant: D - 46, Udyog Vihar Phase-V, Gurgaon 122016, India Haryana India (72)Name of Inventor: 1)Liz Phillips 2)Eric Hawthorn 3)Martin Gostling
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(57) Abstract:

Combiner filter apparatus is provided for use in a wireless communication system. The apparatus includes first filtering means and at least second filtering means. An end of the first filtering means is multiplexed to an end of the at least second filtering means to allow connection of the apparatus to a common antenna system in use. Each of the first and at least second filtering means includes at least two filters connected in parallel to provide at least two non-contiguous pass bands associated with each filtering means.

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

(22) Date of filing of Application :01/08/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: NANOPARTICULATE CURCUMIN COMPOSITIONS

(51) Intermedia and alterior	. A C11Z0/00	(71)N
(51) International classification	:A61K9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)YADAV DEEPAK
(32) Priority Date	:NA	Address of Applicant :H.NO.3105, SECTOR 23-D,
(33) Name of priority country	:NA	CHANDIGARH, INDIA-160 023. Chandigarh India
(86) International Application No	:NA	2)YADAV KIRAN
Filing Date	:NA	3)KUMAR NEERAJ
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)YADAV DEEPAK
Filing Date	:NA	2)YADAV KIRAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention is directed to compositions comprising nanoparticulate curcumin or curcumin analogue or curcumin metabolite and at least one surface stabilizer that is preferably adsorbed to or associated with the surface of the curcumin particles. Finely divided curcumin compositions, in which curcumin is present in amorphous or semi amorphous phase and essentially has a particle size of less than 1000 nm. The novel curcumin compositions improve the dispersability of curcumin in aqueous medium or physiological medium or any other suitable vehicle thus providing the advantage to make curcumin in administerable or applicable form through parenteral, oral, topical, transdermal route for its cosmetic/therapeutic/medical/other applications.

No. of Pages: 29 No. of Claims: 10

(21) Application No.2618/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :02/04/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention: USE OF 3 (R) [3 (2 METHOXYPHENYLTHIO) 2 (S) METHYLPROPYL]AMINO 3 4 DIHYDRO 2H 1 5 BENZOXATHIEPINE FOR TREATING CANCER AND IN PARTICULAR FOR PREVENTING AND/OR TREATING **CANCER METASTASES**

(51) International :A61K31/39,A61P35/00,A61P35/04

classification

(31) Priority Document No :1158148 (32) Priority Date :13/09/2011 (33) Name of priority country: France

(86) International Application :PCT/EP2012/067780

:12/09/2012

Filing Date

(87) International Publication :WO 2013/037800

No (61) Patent of Addition to

:NA **Application Number** :NA

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

(71)Name of Applicant:

1)PIERRE FABRE MEDICAMENT

Address of Applicant: 45 place Abel Gance F 92100 Boulogne

Billancourt France (72)Name of Inventor: 1)VACHER Bernard

2)LE GRAND Bruno

The present invention relates to the use of 3 (R) [3 (2 methoxyphenylthio) 2 (S) methylpropyl]amino 3 4 dihydro 2H 1 5 benzoxathiepine or a pharmaceutically acceptable salt thereof for treating cancer and in particular in the prevention and/or treatment of cancer metastases.

No. of Pages: 24 No. of Claims: 13

⁽⁵⁷⁾ Abstract:

(22) Date of filing of Application :02/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: SUPPORT AND RETAINING DEVICE FOR WIRES AND CABLES

(31) Priority Document No :111 (32) Priority Date :07/0 (33) Name of priority country :U.K (86) International Application No :PCT Filing Date :03/0	CT/GB2012/052153 (72)Name of Inventor: 1/09/2012 (1)EYLES Jonathan Mark 2)VIRGILIO Giuliano A
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(57) Abstract:

A two component device for supporting and retaining a cable or wire bundle (65) in a channel (60) comprises support part (10) with a support surface (14) in which is formed an elongate recess (16) for a cable tie (64). The upper part (10) lifts on to a lower part (12) and it secured to the floor (62) of the channel by means of rivets (63) or the like. The support part has an integral tie bar (18) extending across the elongate recess. The lower part has a corresponding tie bar (30) extending across it between opposed side walls (32) of the lower part. With the wire bundle in place the cable tie (64) is passed around it and through the recess (16) passing under the respective tie bars (18 30) and secured at (66) to hold the bundle in place against the support at the same time holding the two parts of the support together.

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

(22) Date of filing of Application :02/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: METHOD FOR CONVERTING THERMAL ENERGY INTO USEFUL WORK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:1115492.9 :07/09/2011 :U.K.	(71)Name of Applicant: 1)SOLARIS HOLDINGS LIMITED Address of Applicant: po box 207 13 14 Esplanade St Helier Jersey JE1 1BD Channel Islands Jersey (72)Name of Inventor: 1)UMAROV Georgy Ramasanovich 2)BOYCHENKO Sergey Ivanovich 3)KHEMKA Shiv Vikram
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(57) Abstract:

The invention relates to heat power engineering in particular to methods that use a working medium for producing useful work from heat of an external source. The method comprises interaction of the working medium with an energy source and interaction of the working medium with an additional low temperature energy source in the form of the positron state of the Dirac s matter by means of bringing the working medium into quantum mechanical resonance with said state. The quantum mechanical resonance is initiated by changing at least one of the thermodynamic parameters of the working medium while the value of spontaneous fluctuations of the variable parameter in the vicinity of the line of absolute instability in the state diagram of the working medium is predetermined and the change step for the thermodynamic parameter is set to be lower than the predetermined value of said fluctuations.

No. of Pages: 15 No. of Claims: 2

(22) Date of filing of Application :02/04/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: CONTACT LINE WITH BUSBARS THAT CAN BE DETACHABLY CONNECTED BY A **CONNECTOR**

(51) International classification :B60M1/34,H01R4/34,H01R41/00 (71)Name of Applicant :

(31) Priority Document No :10 2011 053 724.4

(32) Priority Date :16/09/2011 (33) Name of priority country :Germany

(86) International Application :PCT/EP2012/067851

:12/09/2012

Filing Date (87) International Publication

:WO 2013/037832 No

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

:NA Filing Date

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

1)DEMAG CRANES & COMPONENTS GMBH

Address of Applicant : Ruhrstr. 28 58300 Wetter Germany

(72)Name of Inventor:

1)LINDENAU Thomas

2)KREBS Wolfgang

3)BIRKIGT Reinhard 4)NERGER Klaus Klemens

5)EKRUTT Kai Uwe

6)KR-PKE Thomas

7)LANGE Gerhard

(57) Abstract:

The invention relates to a contact line (14) comprising at least two subsequent busbars (2 3) that can be detachably interconnected by means of a connector (1) a first receiving part (4) that is detachably fastened to a first end (2a) of a first bus bar (2) and a second receiving part (5) that is detachably fastened to a second end (3a) of a second bus bar (3) and a connecting piece (6) by means of which the first receiving part (4) and the second receiving part (5) can be detachably interconnected in a first operational state. In order to devise an improved contact line (14) comprising at least two bus bars (23) that are aligned with each other and that can be detachably interconnected by means of a connector (1) the connecting piece (6) in the operating state is electrically connected to the first bus bar (2) in addition to the first receiving part (4) by means of a first conducting part (7) and is electrically connected to the second bus bar (3) in addition to the second receiving part (5) by means of a second conducting part (8) the first conducting part (7) having a lower specific electrical resistance than the first receiving part (4) and the second conducting part (8) having a lower specific electrical resistance than the second receiving part (5).

No. of Pages: 31 No. of Claims: 8

(22) Date of filing of Application :02/04/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: CONTACT LINE WITH BUSBARS THAT CAN BE DETACHABLY CONNECTED BY A **CONNECTOR**

(51) International classification: B60M1/34,H01R25/14,H01R4/36 (71) Name of Applicant:

(31) Priority Document No :10 2011 053 726.0

(32) Priority Date :16/09/2011 (33) Name of priority country :Germany

(86) International Application :PCT/EP2012/067854

:12/09/2012

Filing Date (87) International Publication

:WO 2013/037834

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

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

Filing Date

1)DEMAG CRANES & COMPONENTS GMBH

Address of Applicant : Ruhrstr. 28 58300 Wetter Germany

(72)Name of Inventor: 1)LINDENAU Thomas

2)KREBS Wolfgang

3)BIRKIGT Reinhard

4)NERGER Klaus Klemens

5)EKRUTT Kai Uwe 6)KR-PKE Thomas 7)LANGE Gerhard

(57) Abstract:

No

The invention relates to a contact line (14) comprising at least two subsequent busbars (2 3) that can be detachably interconnected by means of a connector (1) a first receiving part (4) that is detachably fastened to a first end (2a) of a first bus bar (2) by means of a first screw (15a) and a second receiving part (5) that is detachably fastened to a second end (3a) of a second bus bar (3) by means of a second screw (15b) and a connecting piece (6) by means of which the first receiving part (4) and the second receiving part (5) can be detachably interconnected in a first operational state. In order to devise an improved contact line (14) comprising at least two bus bars (2 3) that are aligned with each other and that can be detachably interconnected by means of a connector (1) the connecting piece (6) in the operating state is fastened to the first receiving part (4) by means of a third screw (16a) in addition to the first screw (15a) and to the second receiving part (5) by means of a fourth screw (16b) in addition to the second screw (15b).

No. of Pages: 34 No. of Claims: 9

(22) Date of filing of Application :05/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: MITIGATING VORTEX PUMPING EFFECT UPSTREAM OF OIL SEAL

(51) International classification(31) Priority Document No(32) Priority Date	:F01D :61/639,315 :27/04/2012	l /
(33) Name of priority country		NEW YORK 12345, U.S.A. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)BORDNE, CHRISTOPHER MARK
(87) International Publication No	: NA	2)ANSTEAD, DUANE HOWARD
(61) Patent of Addition to Application Number	:NA	3)LUZ, JAMES JOHN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Oil sump seal pressurization apparatus for a turbine engine are disclosed. An example oil sump seal pressurization apparatus may include an oil sump comprising at least one bearing mounted therein; an oil seal operatively disposed between a nonrotating structural member of the sump and the shaft; a generally radially inwardly oriented passage arranged to supply pressurization air to the outward side of the oil seal; a generally radially outwardly oriented pathway arranged to receive at least some of the pressurization air from the passage, the pathway being at least partially defined by a generally radially outwardly extending arm disposed on the shaft, the arm rotating with the shaft; and/or a windage shield at least partially separating the passage and the pathway, the windage shield being operatively mounted to the nonrotating structural member of the sump.

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

(22) Date of filing of Application :29/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: METAL FREE ALLYLIC OXIDATION 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 	:C07C401/00,A61Q5/00 :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant: ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110001, INDIA. Delhi India (72)Name of Inventor: 1)SUBHASH PRATAPRAO CHAVAN 2)PRADEEP BHASKARRAO LASONKAR
(62) Divisional to Application Number Filing Date	:NA :NA	
		I

(57) Abstract:

The patent discloses a novel metal free process for the preparation of corresponding phenol and ketone via allylic oxidation of substituted cyclohexenes. Air is used as oxidant in the present process and can be used as such or optionally selected froin pure oxygen or atmosphel-ic oxygen. Moreover, the process of the present invention utilizes easily available starting materials and is a green eco-friendly, convenient and economical process with high yield of >60% and high selectivity

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

(21) Application No.2243/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :29/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: AN EFFICIENT SYNTHESIS OF PILLAR[5]QUINONE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	3/00 :NA :NA :NA	(71)Name of Applicant: 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant: ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110001, INDIA. Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)GANGADHAR JESSY SANJAYAN
(87) International Publication No	: NA	2)KILINGARU ISHWARA SHIVAKUMAR
(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 process for the preparation of pillar[5]quinone and further relates to an easy-to-operate and chromatography-free process for the preparation of crystalline pillar [5] quinone by the oxoneliodobenzene-mediated oxidative dearomatization of readily available 1,4-dimethoxypillar[5] arenes in good yields.

No. of Pages: 22 No. of Claims: 5

(22) Date of filing of Application :29/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : PHENYL PYRAZOLE CONTAINING HETERORETINOID SCHIFF BASED AND A PROCESS FOR THE PREPARATION THEREOF

(51) International classification	:C07D403/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110001, INDIA. Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SURYAWANSHI SHIVAJI NARAYANRAO
(61) Patent of Addition to Application Number	:NA	2)GUPTA SUMAN
Filing Date	:NA	3)KUMAR SANTOSH
(62) Divisional to Application Number	:NA	4)SHIVHARE RAHUL
Filing Date	:NA	5)VISHWAKARMA PREETI

(57) Abstract:

The present invention relates to Novel (E)-N- Substituted benzylidene-l-phenyl-5-((E)- 2-(2, 6, 6-trimethyl cyclohex-l-enyl) vinyl)-lH-pyrazole-3-carbohydrazide, thereof. Wherein R1, R2, R3 and R4 is selected from the group Consisting of OH, OMe, OBn, CI, F, N(Me)2 N02.and R is selected from the group H or CH2C6H5. The compounds prepared are useful as anitileishmanial compounds and compounds have shown excellent in-vitro results and the in-vivo tests in hamster model. The synthesis of these compounds is simple, economically feasible, environmentally friendly and easily processable.

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

(21) Application No.2620/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :02/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: SYSTEM WATER BALANCING

(31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA	 (71)Name of Applicant: 1)UNITED TECHNOLOGIES CORPORATION Address of Applicant: One Financial Plaza Hartford CT 06101 U.S.A. (72)Name of Inventor: 1)ONEILL Jonathan Daniel 2)GOODRICH Catherine M. 3)ARTHUR David Andrew
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(57) Abstract:

An example system water balancing method includes exhausting water vapor from a system and varying the exhaust in a response to an amount of water available for use by the system.

No. of Pages: 17 No. of Claims: 20

(22) Date of filing of Application :02/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: A METHOD AND APPRATUS FOR EVENTS HANDLING IN A MULTI PLATFORM 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 	:G06F17/30 :NA :- : :PCT/IL2011/000742 :19/09/2011 :WO 2013/042102 :NA :NA :NA	(71)Name of Applicant: 1)VARONIS SYSTEMS INC. Address of Applicant: 499 7th Avenue 23rd Floor South Tower New York New York 10018 U.S.A. (72)Name of Inventor: 1)FAITELSON Yakov 2)KORKUS Ohad 3)KRETZER KATZIR Ophir
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(57) Abstract:

A method for event handling in a multi platform system comprising acquiring an event of a file access from the multi platform system processing the event taking account of an auxiliary data to decide an action and activating the action and an apparatus for performing the same.

No. of Pages: 26 No. of Claims: 20

(22) Date of filing of Application :04/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: NETWORK ASSISTED FAST OPEN LOOP POWER CONTROL ADJUSTMENT

(51) International classification(31) Priority Document No(32) Priority Date	:H04W :PCT/CN2012/073607 :06/04/2012	(71)Name of Applicant: 1)ZTE CORPORATION Address of Applicant :ZTE PLAZA, NO. 55 SOUTH KEJI
(33) Name of priority country	:PCT	ROAD, NANSHAN DISTRICT, SHENZHEN 518057, P.R.
(86) International Application No	:NA	CHINA
Filing Date	:NA	2)ZTE USA INC.
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	1)YONGGANG FANG 2)YUANFANG YU 3)TING LU
(62) Divisional to Application Number	:NA	4)XIAOWU ZHAO
Filing Date	:NA	

(57) Abstract:

Techniques, devices, and systems that include mechanisms for network assisted fast adjustment of open loop power control mechanism, monitoring reverse link channels include calculating, based on results of the monitoring, an initial power adjustment value for controlling power of a wireless device in communication with the network and broadcasting the initial power adjustment value over a forward link control channel at least as often as a paging channel transmission cycle over the forward link control channel.

No. of Pages: 29 No. of Claims: 25

(22) Date of filing of Application :08/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: HIGH-TEMPERATURE PIPING PRODUCT AND METHOD FOR PRODUCING SAME

(51) I	GOOG	(71)
(51) International classification	:C22C	(71)Name of Applicant :
(31) Priority Document No	:2012-	1)HITACHI, LTD.
(31) Thomas Boument To	089056	Address of Applicant :6-6, MARUNOUCHI 1-CHOME,
(32) Priority Date	:10/04/2012	CHIYODA-KU, TOKYO 100-82800, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)IMANO SHINYA
Filing Date	:NA	2)DOI HIROYUKI
(87) International Publication No	: NA	3)SATO JUN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A high-temperature piping product is configured from a plurality of primary pipe members and a welding material. The primary pipe members are each made from an Ni-based forged alloy containing: Ni, Al, and at least one of Mo and W, the total content of the Mo and the W being 3-8 mass%, the Ni-based forged alloy 10 exhibiting a y-phase dissolution temperature of from 920 to 970°C, and the y phase being precipitated in 30 volume or more in a temperature range of from 700 to 8 0 0°C. The welding material is made from an Ni-based cast alloy having a cast structure formed by welding, the Ni-based cast alloy containing: Ni, Al, and at 15 least one of Mo and W, the total content of the Mo and the W being 9-15 mass%, the Ni-based cast alloy exhibiting a y-phase dissolution temperature of from 850 to 900°C, the y phase being precipitated in 20 volume% or more in a temperature range of from 700 to 800°C. The welding material is buttered to the 20 primary pipe members in portions to be welded to each other.

No. of Pages: 33 No. of Claims: 8

(21) Application No.1087/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :11/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: IMPROVED HYDRAULIC FLUID WARM-UP

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:F16H :61/750,172 :08/01/2013 :U.S.A.	Address of Applicant :ONE JOHN DEERE PLACE, MOLINE, ILLINOIS 61265, U.S.A.
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor: 1)ERIK W. MCWETHY
(87) International Publication No	: NA	THE WELL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A work vehicle including a hydraulic circuit having a cooled return line with a cooler, a bypass return line that bypasses the cooler on the cooled return line, and a controller that electronically controls the flow of hydraulic fluid between the cooled 5 return line and the bypass return line.

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

(22) Date of filing of Application :01/08/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: IMPARTING EDUCATION IN A SMART CLASSROOM ENVIRONMENT

(51) International classification	:G09B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SAMSUNG INDIA ELECTRONICS PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :Logix Cyber Park Plot No. C- 28 & 29
(33) Name of priority country	:NA	Tower D 2nd Floor Sector 62 Noida Uttar Pradesh 201301 Uttar
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)JHA, Ashish Kumar
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Systems and methods for imparting education in a smart classroom environment are described. In one implementation, the smart education system (102), for imparting education in a smart classroom environment, comprises a processor (152-1) and a data synchronization module (110), coupled to the processor (152-1), to receive a synchronization request from a smart device (104) to synchronize data. The smart education system (102) further includes a projection module (166), coupled to the processor (152-1), to transform the received data based on at least one of a calibration of the smart device (104) and a relative position of the smart device (104) with respect to a main projected display surface (106). Thereafter the projection module (166) projects the transformed data on the main projected display surface (106).

No. of Pages: 44 No. of Claims: 20

(22) Date of filing of Application :02/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: DISPENSER FOR STATIC CENTER FEED CORELESS ROLL OF SHEET PRODUCT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A47K10/38 :11008454.8 :21/10/2011 :EPO :PCT/IB2012/002101 :18/10/2012 :WO 2013/057572 :NA :NA :NA	(71)Name of Applicant: 1)SCA TISSUE FRANCE Address of Applicant: 151 161 Bd Victor Hugo F 93400 Saint Ouen France (72)Name of Inventor: 1)MARIETTA TONDIN Julien 2)CATTACIN Gilles 3)TAYLOR James
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(57) Abstract:

A sheet product dispenser (1) for dispensing a strip (51) of a sheet product from a static center feed coreless roll of sheet product said roll (5) comprising a central cavity (52) the dispenser comprising a container for accommodating the roll (5) and a dispensing piece (9) which protrudes toward an interior of the container from one end of the container and which includes a guidance (92) between a receiving opening (94) for receiving the strip (51) of sheet product from said roll (5) and a dispensing opening (93) for dispensing the strip (51) of sheet product outside of the dispenser (1) wherein the dispensing piece (9) is arranged to engage into the central cavity (52) of the roll (5). The dispensers (1) allow providing a dispensing opening so that withdrawal of a sheet product is facilitated by avoiding collapsing or clogging. Furthermore the dispenser (1) has a compact configuration that allows gaining space during delivery and transportation.

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

(22) Date of filing of Application :02/04/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention: THREE DIMENSIONAL IMAGING SYSTEMS COMPONENTS THEREOF AND METHODS OF THREE DIMENSIONAL 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 	:G03F7/00 :61/539405 :26/09/2011 :U.S.A. :PCT/US2012/057012 :25/09/2012 :WO 2013/048997 :NA :NA	(71)Name of Applicant: 1)3D SYSTEMS INC. Address of Applicant: 333 Three D Systems Circle Rock Hill SC 29730 U.S.A. (72)Name of Inventor: 1)SPERRY Charles R. 2)MCNAMARA Dennis F. 3)JOHNSON Martin Alan 4)GREGORY Richard Ora II
Filing Date	:NA	5)VILIM Clinton James
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

There is provided solid imaging methods and apparatus for making three dimensional objects from solid imaging material. A tray with a film bottom is provided to hold solid imaging material that is selectively cured into cross sections of the three dimensional object being built. A coater bar is moved back and forth over the film to remove any uncured solid imaging material from a previous layer and to apply a new layer of solid imaging material. A sensor is provided to measure the amount of resin in the tray to determine the appropriate amount of solid imaging material to be added from a cartridge for the next layer. A shuttle which covers the tray when the exterior door to the solid imaging apparatus is opened for setting up a build or removing a three dimensional object can also be used to move the coater bar and to selectively open one or more valves on the cartridge to dispense the desired amount of solid imaging material.

No. of Pages: 101 No. of Claims: 134

(21) Application No.2596/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :02/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention : DEVICE FOR ASSEMBLING AN ENGINE AND METHOD FOR ASSEMBLING AND MONITORING SUCH ASSEMBLY DEVICE

(51) International classification :B23P19/04,B23P21/00,B25H1/00 (71)Name of Applicant : (31) Priority Document No 1)RENAULT S.A.S. :1158084 (32) Priority Date :12/09/2011 Address of Applicant :13 15 Quai le Gallo F 92100 Boulogne (33) Name of priority country billancourt France :France (86) International Application (72)Name of Inventor: :PCT/FR2012/051740 1)GOURLAY Yves :23/07/2012 Filing Date (87) International Publication :WO 2013/038080 No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

Device for assembling an engine designed to be integrated in an assembly line comprising a horizontal base (2) first means for rotation (3) relative to a first axis of rotation perpendicular to the base (2) second means for rotation (4) relative to a second axis of rotation (X) perpendicular to the first axis of rotation and a connection interface (13) designed to connect the engine (M) to the base (2). The device for assembling an engine comprises means for reversibly attaching (14) the interface (13) to the base (2).

No. of Pages: 22 No. of Claims: 12

(21) Application No.2597/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :02/04/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention: THERMOPLASTIC ELASTOMER COMPOUNDS EXHIBITING HIGH LATENT HEAT OF FUSION IN SOLID STATE

(51) International :C08L53/00,C08L91/06,C08L25/08

classification (31) Priority Document No :61/549817

(32) Priority Date :21/10/2011 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2012/054707

No

:12/09/2012 Filing Date

(87) International Publication :WO 2013/058892

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

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)POLYONE CORPORATION

Address of Applicant: 33587 Walker Road Avon Lake Ohio

(72)Name of Inventor:

1)XU Liang

(57) Abstract:

A thermoplastic elastomer compound is disclosed having a high latent heat of fusion indicative of a large thermal capacity. Use of thermal capacity agents particularly linear paraffin waxes used in replacement of conventional plasticizer oils contributes the thermal capacity advantages. Selection of the particular thermal capacity agent can provide an ability to engineer the amount of thermal capacity and the transition temperature in which that thermal capacity can be utilized as absorption or release of heat. The compound experiences a solid solid phase transition whenever the thermal capacity agent melts into liquid form in the compound.

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

(21) Application No.4440/DELNP/2014 A

1)THE GATES CORPORATION

Address of Applicant: 1551 Wewatta Street Denver CO 80202

(19) INDIA

(22) Date of filing of Application :02/06/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: SYSTEM AND METHOD OF MAKING OPEN ENDED THERMOPLASTIC BELTING

(51) International :B29D29/08,B29C43/22,B29C43/28 classification

(31) Priority Document No :61/570815 (32) Priority Date :14/12/2011

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

(86) International Application :PCT/US2012/069929

:14/12/2012

Filing Date (87) International Publication :WO 2013/090832

No

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

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

2)PASCH Lambert

3)SCHARR Mark William

1)KNOX John Graeme

(71)Name of Applicant:

(72)Name of Inventor:

(57) Abstract:

A system and method of making an open ended reinforced layered belt having a profile layer a top layer material and tensile cords fully encapsulated there between. The method includes engaging portion of the profile layer on a rotatable cylindrical mandrel (2) with an engaging roller (4) disengaging with a take off roller (3) and applying and fusing the cords (7) to the profile layer at a desired cord spacing there between. The cord (7) may be fused by melting the profile layer surface with a heated plow and/or with heated cord. The cord (7) is then covered with the top layer material (10) in a lamination step involving heating to melt at least a portion of the top layer and pressing it to fuse it to the reinforced profile layer. Lamination may be done downstream or directly on the mandrel.

No. of Pages: 34 No. of Claims: 29

(22) Date of filing of Application :01/08/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: BREAST CANCER TREATMENT USING NANOPARTICULATE CURCUMIN COMPOSITIONS

(51) International classification(31) Priority Document No(32) Priority Date	:NA :NA	(71)Name of Applicant: 1)YADAV DEEPAK Address of Applicant: H.NO.3105, SECTOR 23-D,
(33) Name of priority country(86) International Application No	:NA :NA	CHANDIGARH, INDIA-160 023. Chandigarh India 2)YADAV KIRAN
Filing Date (87) International Publication No	:NA : NA	3)KUMAR NEERAJ (72)Name of Inventor :
(61) Patent of Addition to Application Number Filing Date	:NA :NA	1)YADAV DEEPAK 2)YADAV KIRAN
(62) Divisional to Application Number Filed on	: :01/01/1900	

(57) Abstract:

The present invention involves methods for treatment of breast cancer in a mammal comprising administration to the mammal an effective amount of nanoparticulate curcumin compositions. The methods comprise administering nanoparticulate curcumin compositions through any of the deliverable routes. Parenteral injections of the compositions comprise physiologically acceptable sterile aqueous dispersions. Methods involve administering the provided curcumin compositions in an effective amount in multiple doses, preferably twice a week in the dose range of about 0.5 mg/kg to about 50 mg/kg to said mammal.

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

(10) INIDI A

(21) Application No.2624/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :02/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: SPRAY DEVICE HAVING CURVED PASSAGES

(51) International classification	:B05B7/08	(71)Name of Applicant:
(31) Priority Document No	:61/542019	1)FINISHING BRANDS HOLDINGS INC.
(32) Priority Date	:30/09/2011	Address of Applicant :88 11th Avenue NE Minneapolis MN
(33) Name of priority country	:U.S.A.	55413 U.S.A.
(86) International Application No	:PCT/US2012/055830	(72)Name of Inventor:
Filing Date	:17/09/2012	1)HASSELSCHWERT Daniel J.
(87) International Publication No	:WO 2013/048809	2)CEDOZ Roger T.
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system includes an air cap (300) configured to mount to a head of a spray device wherein the air cap (300) comprises at least one air passage (304 306 324 326) having a curved flow path.

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

(22) Date of filing of Application :02/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: BIOMARKERS FOR RESPIRATORY INFECTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G01N33/569 :1116234.4 :20/09/2011 :U.K. :PCT/GB2012/052307 :19/09/2012 :WO 2013/041854 :NA :NA	(71)Name of Applicant: 1)ASEPTIKA LTD Address of Applicant:14 Elizabeth Drive Hartford Huntingdon Cambridgeshire PE29 1WA U.K. (72)Name of Inventor: 1)AUTON Kevin Andrew
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Methods of determining levels of activity of bacteria in the lungs of patients are described in which levels of a marker of a bacterial iron scavenging processes (for example siderophores) and levels of a secreted bacterial protein are measured over time. Changes in the measured levels over time allow levels of bacterial activity to be determined and exacerbations of bacterial infection to be predicted and/or monitored. Additional markers may also be used. The methods of the invention may also be used for monitoring effectiveness of antibiotic treatment of lung infection. The invention is particularly useful for monitoring P. aeruginosa levels in lungs of cystic fibrosis patients. Kits for use in the methods are also described.

No. of Pages: 40 No. of Claims: 17

(22) Date of filing of Application :01/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: SYSTEM AND METHOD FOR ASSEMBLING A SOLAR CELL MATRIX

(51) International classification	:H01L31/18	(71)Name of Applicant:
(31) Priority Document No	:11188886.3	1)SOMONT GMBH
(32) Priority Date	:11/11/2011	Address of Applicant :Im Brunnenfeld 8 79224 Umkirch
(33) Name of priority country	:EPO	Germany
(86) International Application No	:PCT/IB2012/056299	(72)Name of Inventor:
Filing Date	:09/11/2012	1)KNOLL Gerhard
(87) International Publication No	:WO 2013/068982	2)RUH Matthias
(61) Patent of Addition to ApplicationNumberFiling Date(62) Divisional to Application Number	:NA :NA :NA	
Filing Date	:NA	

(57) Abstract:

The invention refers to a system (11) for the formation of a matrix(13) of solar cells having a unit (16) with an input area (17) and an output area(18). Between the input area (17) and the output area (18) the strings (12) are conveyed on the conveying unit (16) in a conveying direction(19). The system (11) further comprising means (31) for placing strings (12) on the input area(17) and rotating means (41, 51,61) designed to lift a string (12) from the conveying unit (16) rotate that string about axes and lower it onto the same conveying unit (16). The invention refers further to a method using such a system (11).

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

(22) Date of filing of Application :02/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: CELLULAR CUSHION

(51) International classification	:A47C27/10,B68G7/06	(71)Name of Applicant :
(31) Priority Document No	:61/558564	1)SKYDEX TECHNOLOGIES INC.
(32) Priority Date	:11/11/2011	Address of Applicant :12508 E. Briarwood Avenue Suite 1 F
(33) Name of priority country	:U.S.A.	Centennial Colorado 80112 U.S.A.
(86) International Application No	:PCT/US2012/064697	(72)Name of Inventor:
Filing Date	:12/11/2012	1)SUGANO Eric W.
(87) International Publication No	:WO 2013/071251	2)METZER Collin
(61) Patent of Addition to Application	:NA	3)FOLEY Peter M.
Number	:NA	4)DIFELICE Eric T.
Filing Date	,11/1	5)HADDEN Bryant R.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A cellular cushioning system (200) includes cells or support units (204) arranged in one or more stacked arrays (206,208). The cells are hollow chambers that resist deflection due to compressive forces similar to compression springs. The arrays are attached to one or more intermedial binding layers (210). The intermedial binding layer(s) links the cells together while allowing the cells to deform independently of one another. An external load compresses of one of the void cells within an independent compression range without significantly compressing at least one void cell adjacent the compressed void cell. The independent compression range is the displacement range of the compressed void cell that does not significantly affect the compression of adjacent void cells (205,207). If the void cell is compressed beyond the independent compression range the intermedial binding layers may be deflected and/or the void cells adjacent the compressed void cell may be compressed.

No. of Pages: 43 No. of Claims: 24

(21) Application No.2580/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :02/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: FABRIC CARE COMPOSITIONS

:NA

(51) International classification	:C11D3/00,C11D11/00,B01F3/08	(71)Name of Applicant :
(31) Priority Document No	:61/552793	1)THE PROCTER & GAMBLE COMPANY
(32) Priority Date	:28/10/2011	Address of Applicant :One Procter & Gamble Plaza Cincinnati
(33) Name of priority country	:U.S.A.	Ohio 45202 U.S.A.
(86) International Application	:PCT/US2012/061761	(72)Name of Inventor:
No	:25/10/2012	1)CORONA Alessandro III
Filing Date	.23/10/2012	2)CLARK Traneil K.
(87) International Publication	:WO 2013/063171	3)DUPONT Jeffrey Scott
No	. WO 2013/0031/1	4)HALL Nathan Lee
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application	:NA	
Number	.IVA	

(57) Abstract:

Filing Date

Number

The present invention is directed to fluid fabric enhancing compositions and processes of making and using same. Such fluid fabric enhancing compositions have a desirable fabric enhancer active efficiency that is at least in part due to the particle index of such fluid fabric enhancing compositions. Certain chemical processing and physical processing methods are not required to produce such compositions.

No. of Pages: 57 No. of Claims: 11

(22) Date of filing of Application :02/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: METHOD FOR PRODUCING FUEL OIL

(51) International classification	:C10G3/00,C10L1/04	(71)Name of Applicant :
(31) Priority Document No	:2011249713	1)KITAKYUSHU FOUNDATION FOR THE
(32) Priority Date	:15/11/2011	ADVANCEMENT OF INDUSTRY SCIENCE AND
(33) Name of priority country	:Japan	TECHNOLOGY
(86) International Application No	:PCT/JP2012/079413	Address of Applicant :2 1 Hibikino Wakamatsu ku Kitakyushu
Filing Date	:13/11/2012	shi Fukuoka 8080135 Japan
(87) International Publication No	:WO 2013/073529	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)ASAOKA Sachio
Number	:NA	2)LI Xiaohong
Filing Date	.11/1	3)KIMURA Toshiyuki
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided is a method that is for producing fuel oil and that can cheaply and highly efficiently produce a fuel oil or starting material thereof having as the primary component n paraffin or isoparaffin from a starting material oil containing a fatty acid alkyl ester even while reducing hydrogen pressure. The method for producing fuel oil has a step for producing fuel oil having one or both of n paraffin and isoparaffin as the primary component by contacting hydrogen gas and a starting material oil containing a fatty acid alkyl ester under the condition of a hydrogen pressure of no greater than 1 MPa to a catalyst resulting from supporting on a porous metal oxide support one or more metal elements belonging to group nine or group ten of the periodic table and one or more group six element oxides belonging to group six of the periodic table. The weight ratio of the group six elements to the metal elements contained in the catalyst is no greater than 1.0 in terms of the metal.

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

(21) Application No.4436/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: CURABLE COMPOSITION COMPRISING A POLYISOCYANATE COMPOSITION

(51) International classification :C08G18/00,C08G18/22,C08G18/38

(31) Priority Document No :11195897.1 (32) Priority Date :28/12/2011

(33) Name of priority country: EPO

(86) International Application No :PCT/EP2012/074048

Filing Date :30/11/2012

(87) International Publication :WO 2013/098034

No

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

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

(71)Name of Applicant:

1)HUNTSMAN INTERNATIONAL LLC

Address of Applicant :500 Huntsman Way Salt Lake City

Utah 84108 U.S.A. (72)Name of Inventor:
1)ESBELIN Christian

2)VERBEKE Hugo

3)VERBEKE Hans Godelieve Guido

(57) Abstract:

Stable polyisocyanate composition comprising a compound comprising a group having the structure -CO-NH-CO- in such an amount that the ratio of the number of -CO-NH- CO- groups to the number of isocyanate groups is at most equal to 1. Cur - S able composition comprising this polyisocyanate composition, lithium halide, urea and an epoxy resin.

No. of Pages: 38 No. of Claims: 17

(19) INDIA

(22) Date of filing of Application :02/06/2014

(21) Application No.4437/DELNP/2014 A

(43) Publication Date: 06/02/2015

(54) Title of the invention: 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 	:21/12/2012 :WO 2013/092962 :NA :NA :NA	(71)Name of Applicant: 1)GIVAUDAN SA Address of Applicant: Chemin de la Parfumerie 5 CH 1214 Vernier Switzerland (72)Name of Inventor: 1)HOTZ Jutta 2)QUELLET Christian
Filing Date	:NA :NA	

(57) Abstract:

Disclosed are clear aqueous perfume compositions which are free of ethanol. There is further provided a perfume composition which is clear provides a good skin feeling and good air drying properties on the skin.

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

(19) INDIA

(22) Date of filing of Application :02/06/2014

(21) Application No.4438/DELNP/2014 A

(43) Publication Date: 06/02/2015

(54) Title of the invention: LIQUID STOP

(51) International classification	:A61M25/00,A61M25/01	(71)Name of Applicant:
(31) Priority Document No	:PA 2011 70693	1)COLOPLAST A/S
(32) Priority Date	:09/12/2011	Address of Applicant :Holtedam 1 DK 3050 Humlebaek
(33) Name of priority country	:Denmark	Denmark
(86) International Application No	:PCT/DK2012/050451	(72)Name of Inventor:
Filing Date	:07/12/2012	1)TORSTENSEN Jan
(87) International Publication No	:WO 2013/083137	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A package for a catheter is provided. The package includes a container with a first cavity and a second cavity. The cavities are configured so as to prevent liquid swelling medium stored in the container from travelling from the second cavity into the first cavity and out through an opening into the container. Thus the position of the cavities with respect to each other allows them to function as a water lock.

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

(22) Date of filing of Application :02/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention : FOAMS AND ARTICLES MADE FROM FOAMS CONTAINING HCFO OR HFO BLOWING 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 	:61/569061 :09/12/2011 :U.S.A.	(71)Name of Applicant: 1)HONEYWELL INTERNATIONAL INC. Address of Applicant: 101 Columbia Road P.O. Box 2245 Morristown New Jersey 07962 2245 U.S.A. (72)Name of Inventor: 1)WILLIAMS David.J 2)LING YiuKeung 3)QIN Sanglu 4)LU Bin 5)PAN Rongwei
- 1,00000	:NA :NA :NA	· /

(57) Abstract:

Provided are a thermal insulating foam comprising thermal polymer having a plurality of closed cells and a gaseous composition contained in a plurality of said closed cells, said gaseous composition comprising trans-l-chloro-3,3,3-trifluoropropene and a second component selected from the group consisting of cyclopentane, isopentane, n-pentane and combinations of two or more of these, a pour-in-place foam panel and a thermal insulating article thereof. Also provided is a polyol premix for forming the poly - urethane or polyisocyanurate pure-in-place foam panel comprising a blowing agent composition comprising trans-l-chloro-3,3,3-trifluoropropene and a second component selected from the group consisting of cyclopentane, isopentane, n-pentane and combinations of two or more of these.

No. of Pages: 43 No. of Claims: 26

(22) Date of filing of Application :11/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: METHOD OF MAKING A BOUBLE-SIDED EMBOSSED NON-WOVEN FABRIC

(51) International classification	:H01M	(71)Name of Applicant :
(31) Priority Document No	:101115346	1)HUANG, CHEN-CHENG
(32) Priority Date	:30/04/2012	Address of Applicant :RM. 1206 12F., NO. 346 SEC.3,
(33) Name of priority country	:Taiwan	NANJING E. RD., SONGSHAN DIST. TAIPEI 105, (TW)
(86) International Application No	:NA	Taiwan
Filing Date	:NA	2)HUANG, PAO-HAN
(87) International Publication No	: NA	3)HUANG, PAO HAO
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)HUANG, CHEN-CHENG
(62) Divisional to Application Number	:NA	2)HUANG, PAO-HAN
Filing Date	:NA	3)HUANG, PAO-HAO

(57) Abstract:

A method of making a double-sided embossed non-woven fabric includes: forming a stack of semi-molten fibers on a screen assembly, the screen assembly including a first layer structure that has a plurality of suction holes arranged into a first pattern, anda second layer structure that is disposed on the first layer structure and that has a plurality of elements arranged into a second pattern; and embossing the stack of the semi-molten fibers on the screen assembly by suctioning the stack of the semi-molten fibers using a suctioning device such that the stack of the semi-molten fibers is drawn into the holes to wrap the elements.

No. of Pages: 20 No. of Claims: 9

(22) Date of filing of Application :01/08/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: MICROWAVE MEDIATED SYNTHESIS OF AN OXIDIZING AGENT FOR DYE DEGRADATION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:B01J19/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)AMITY UNIVERSITY Address of Applicant: AMITY UNIVERSITY UTTAR PRADESH SECTOR 125, NOIDA 201303, INDIA Uttar Pradesh India
 (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	India (72)Name of Inventor: 1)DR. BIJAYALAXMI PANDA
Filing Date	:NA	

(57) Abstract:

The present invention relates to the new and improved method for the synthesis of a strong nickel based oxidizing agent. The present invention is a microwave assisted cost effective method for the synthesis of oxidizing agent that can be used for the degradation of synthetic dyes Hlce methyl orange.

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

(22) Date of filing of Application :02/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: FITTING FOR A VEHICLE SEAT AND VEHICLE SEAT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B60N2/235 :10 2012 000 776.0 :12/01/2012 :Germany :PCT/EP2013/000016 :05/01/2013 :WO 2013/104532 :NA :NA	(71)Name of Applicant: 1)KEIPER GMBH & CO. KG Address of Applicant: Hertelsbrunnenring 2 67657 Kaiserslautern Germany (72)Name of Inventor: 1)PETERS Christoph
Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a fitting (5) for a vehicle seat in particular for a motor vehicle seat comprising a first fitting part (7) a second fitting part (8) that can be rotated relative to the first fitting part (7) about an axis (A) a drivable eccentric (11) rotatably supported about the axis (A) and at least one bar (13) which is guided by the first fitting part (7) such as to be movable in a direction radial to the axis (A) and which can be moved radially outward under the action of the eccentric (11) in order to lock the fitting (5) and interacts radially outwardly with the second fitting part (8) characterized in that the at least one bar (13) comprises a first bar part (13a) and a second bar part (13b) and each of the bar parts (13a 13b) has teeth (13a 13b) for interacting with teeth of the second fitting part (8) designed as a toothed ring (8a).

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

(21) Application No.2584/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :02/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: METHOD OF FRACTURING USING MANNANOHYDROLASE ENZYME BREAKER

(51) International classification :C09K8/68,C12Q1/00,C12N9/24 (71)Name of Applicant:

(31) Priority Document No :13/294082 (32) Priority Date :10/11/2011

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

(86) International Application No:PCT/US2012/064458

Filing Date :09/11/2012

(87) International Publication No: WO 2013/071113

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

:NA Number :NA Filing Date

(57) Abstract:

1)BAKER HUGHES INCORPORATED

Address of Applicant :2929 Allen Parkway Suite 2100

Houston Texas 77019 U.S.A. (72)Name of Inventor:

1)ARMSTRONG Charles David

A thermophilic mannanohydrolase enzyme may be used as an enzyme breaker for fracturing fluids containing hydratable polymers of guar and underivatized guar. The amino acid sequence of the mannanohydrolase is at least 90% homologous to the amino acid sequence of

No. of Pages: 26 No. of Claims: 20

(22) Date of filing of Application :02/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: METHOD AND SYSTEM FOR UPDATE MESSAGE TRACKING AND CHECKING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:12/10/2012 :WO 2013/091926 :NA :NA	(71)Name of Applicant: 1)AMADEUS S.A.S. Address of Applicant: 485 Route du Pin Montard Sophia Antipolis F 06410 Biot France (72)Name of Inventor: 1)GOLE Remy 2)DUCOL Benoit 3)TRAINA Marc
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An invalidation tracker system for tracking messages in a caching architecture of a pricing and shopping platform wherein the caching architecture includes a number of levels in which each level comprises one or more servers in which invalidation messages are communicated from one level to another in order to send invalidation messages to all servers in the caching architecture and wherein the invalidation tracker system receives data from provider databases to be communicated to the servers in the caching architecture; wherein the invalidation tracker system includes: a recording module for recording all invalidation messages communicated to the servers in the caching architecture to form a set of sent invalidation messages; an analysing module for determining the invalidation messages received at each server in the caching architecture and comparing this with the set of sent invalidation messages to identify one or more undelivered invalidation messages; a replay module for resending the one or more identified undelivered invalidation messages to an appropriate server in the caching architecture.

No. of Pages: 40 No. of Claims: 19

(22) Date of filing of Application :31/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: PCDA PHBV ELECTROSPUN ADHERENT MATS AS AUTHENTICATIN FEATURE

(51) International classification	:D01D5/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI-110001, INDIA Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)PREMNATH VENUGOPALAN
(61) Patent of Addition to Application Number	:NA	2)JYOTI PRAKASH JOG
Filing Date	:NA	3)SACHIN DUBEY
(62) Divisional to Application Number	:NA	4)USMAN KHAN
Filing Date	:NA	

(57) Abstract:

The present invention discloses the adherent PHBV-PCDA electrospun mats on paper for use as an authentication feature. Further disclosed herein is the process for preparation of adherent PHBV-PCDA electrospun mats and use of the above product to authenticate cigarettes.

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

(22) Date of filing of Application :02/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention : METHOD AND SYSTEM FOR DISPLAYING A COVERAGE AREA OF A CAMERA IN A DATA CENTER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:13/227571 :08/09/2011 :U.S.A.	(71)Name of Applicant: 1)SCHNEIDER ELECTRIC IT CORPORATION Address of Applicant: 132 Fairgrounds Road West Kingston RI 02892 U.S.A. (72)Name of Inventor: 1)KINGSLEY Scott Michael
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A system and method for depicting a coverage area of at least one camera within a graphical representation of a data center is disclosed. In one aspect a method includes establishing by a computer a representation of the at least one camera within the graphical representation of the data center determining at least one device associated with the at least one camera determining at least two points within the graphical representation of the data center marking outer boundaries of the at least one device and displaying the coverage area between the outer boundaries and the representation of at least one camera.

No. of Pages: 48 No. of Claims: 20

(22) Date of filing of Application :02/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: ARMORED CABLES HAVING ARMOR BUFFER TUBE AND JACKET ACCESS FEATURES

(31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) International Application No (35) Filing Date (37) International Publication No (37) International Publication No (38) International Publication No (39) International Publication No (40) Patent of Addition to Application Number (41) Filing Date (42) Divisional to Application Number (43) Filing Date (44) Filing Date (55) Filing Date (51) Filing Date (51) Filing Date (52) Filing Date (53) Filing Date (54) Filing Date (55) Filing Date (51) Filing Date (52) Filing Date (53) Filing Date (54) Filing Date (55) Filing Date (51) Filing Date (52) Filing Date (53) Filing Date (54) Filing Date (55) Filing Date (51) Filing Date (51) Filing Date (52) Filing Date (53) Filing Date (54) Filing Date (54) Filing Date (54) Filing Date (55) Filing Date (54) Filing Date (55) Filing Date (51) Filing Date (52) Filing Date (53) Filing Date (54) Filing Date (54) Filing Date (54) Filing Date (55) Filing Date (57) Filing Date (58) Filing Date (59) Filing Date (50) Filing Date (51) Filing Date (51) Filing Date (52) Filing Date (53) Filing Date (54) Filing Date (54) Filing Date (55) Filing Date (57) Filing Date (58) Filing Date (59) Filing Date (50)	Address of Applicant :800 17th Street NW Hickory North Carolina 28602 U.S.A. (72)Name of Inventor : 1)GIMBLET Michael J
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(57) Abstract:

Cables jacket are formed by extruding discontinuities in a main cable jacket portion. The discontinuities allow the jacket to be torn to provide access to the cable core. The armor cables have an armor layer with armor access features arranged to work in combination with the discontinuities in the cable jacket to facilitate access to the cable core.

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

(19) INDIA

(22) Date of filing of Application :02/04/2014

(21) Application No.2612/DELNP/2014 A

(43) Publication Date: 06/02/2015

(54) Title of the invention: METHOD OF INCREASING SECONDARY POWER SOURCE CAPACITY

(51) International :H01M6/16,H01M10/052,H01M10/0525

classification

(31) Priority Document :1115494.5

(32) Priority Date :07/09/2011

(33) Name of priority :U.K.

country

(86) International :PCT/IB2012/001946 Application No

:28/08/2012 Filing Date

(87) International :WO 2013/034977

Publication No (61) Patent of Addition

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

(71)Name of Applicant:

1)SOLARIS HOLDINGS LIMITED

Address of Applicant :PO Box 207 13 14 Esplanade St Helier

Jersey JE1 1BD Jersey (72)Name of Inventor:

1)UMAROV Georgy Ramasanovich 2)BOYCHENKO Sergey Ivanovich

3)KHEMKA Shiv Vikram

(57) Abstract:

METHOD OF INCREASING SECONDARY POWER SOURCE CAPACITY. THE INVENTION IS RELATED TO ELECTRICAL ENGINEERING AND CAN BE USED FOR SECONDARY POWER SOURCES MANUFACTURING: BATTERIES STORAGE BATTERIES AND MODULES AS AUTONOMOUS POWER SOURCES FOR ELECTRICAL MACHINES TRANSPORT VEHICLES IN PARTICULAR CARS AND AS POWER SOURCES FOR PORTABLE AND MOBILE ELECTRONIC DEVICES. THE METHOD OF INCREASING SECONDARY POWER SOURCE CAPACITY INCLUDES DOPING COMPOUND INTO AN ELECTROLYTE AS AN ADDITIVE WHICH BINDING ENERGY IS HIGHER THAN THE BINDING ENERGY OF COMBINATIONS THAT ARE FORMED DURING SECONDARY POWER SOURCE DISCHARGE THE COMPOUND OF TYPE ABIS DOPED AS AN ADDITIVE WHERE A IS A METAL AND B IS A NOBLE GAS.

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

(21) Application No.4458/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: BIOSOLUBLE INORGANIC FIBER AND METHOD FOR PRODUCING SAME

(51) International classification	n:D01F9/08,C03C13/00,C03C25/10	(71)Name of Applicant:
(31) Priority Document No	:2011263414	1)NICHIAS CORPORATION
(32) Priority Date	:01/12/2011	Address of Applicant :6 1 Hatchobori 1 chome Chuo ku Tokyo
(33) Name of priority country	:Japan	1048555 Japan
(86) International Application	:PCT/JP2012/007237	(72)Name of Inventor:
No	:12/11/2012	1)NAKAJIMA Takashi
Filing Date	.12/11/2012	2)YONAIYAMA Ken
(87) International Publication	:WO 2013/080458	3)MIHARA Tetsuya
No	. W O 2013/000430	4)KISHIKI Tomohiko
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application	:NA	
Number	:NA	
Elling Data	.1 1/1	

(57) Abstract:

Filing Date

An inorganic fiber which comprises a biosoluble fiber and a cationic surfactant adhering thereto wherein the amount of the surfactant is 0.01 2 wt% taking the whole inorganic fiber carrying the surfactant adhered thereto as 100 wt%.

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

(22) Date of filing of Application :02/06/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention: INDUCTIVELY TRANSFERRING ELECTRIC ENERGY TO A VEHICLE USING CONSECUTIVE SEGMENTS WHICH ARE OPERATED AT THE SAME TIME

(51) International classification :B60L5/00,B60M1/10,B60M7/00 (71)Name of Applicant:

:WO 2013/068534

(31) Priority Document No :1119530.2 :10/11/2011 (32) Priority Date

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

(86) International Application

:PCT/EP2012/072271 :09/11/2012 Filing Date

(87) International Publication

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)BOMBARDIER TRANSPORTATION GMBH

Address of Applicant : Schneberger Ufer 1 10785 Berlin

Germany

(72)Name of Inventor:

1)CZAINSKI Robert

2)Woronowicz Konrad

(57) Abstract:

The invention relates to a system for transferring electric energy to a vehicle, in particular to a track bound vehicle such as a light rail vehicle or to a road automobile, wherein - the system comprises an electric conductor arrangement for producing an alternating electromagnetic field and for thereby transferring the energy to the vehicle, - the conductor arrangement comprises a plurality of consecutive segments (507, 508), wherein the segments extend in the direction of travel of the vehicle, which is defined by the track or path of travel, - each segment is combined with an assigned controller adapted to control the operation of the segment independently of the other segments, - the controllers of at least two consecutive segments (507, 508), which follow each other in the direction of travel of the vehicle, or which follow each other opposite to the direction of travel, are connected to each other and/or to a central controlling device so that the at least two consecutive segments (507, 508) can operated at the same time, - each segment comprises at least three alternating current lines (507a, 507b, 507c; 508a, 08b, 508c) for carrying phases of a multi-phase alternating current in order to produce the alternating electromagnetic field, - the consecutive segments (507, 508) are electrically connected in parallel to each other to a current supply, - the alternating current lines (507a, 507b, 507c; 508a, 508b, 508c) of each segment comprise a plurality of sections which extend transversely to the direction of travel of the vehicle, - the transversely extending sections of the at least three alternating current lines (507a, 07b, 507c; 508a, 508b, 508c) of each segment form, if viewed in the direction of travel, a repeating sequence of phases (a, b, c) of the alternating current, while the segment is operated under control of the assigned controller. wherein each complete repetition of the sequence of phases com prises one transversely extending section of each phase and the order of the phases is the same in each complete repetition, - the controllers of the at least two consecutive segments (507, 508) and/or the central controlling device are/is adapted to operate the at least two consecutive segments (507, 08), so that the repeating sequence of phases (a, b, c) continues from one segment (507) to the consecutive segment (508), wherein the order of the phases is the same in the at least two consecutive segments (507, 508) and in each transition zone of two of the at least two consecutive segments (507, 508).

No. of Pages: 59 No. of Claims: 12

(21) Application No.4445/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: STABILISER BAR

(51) International classification: F16F1/14,B62D33/10,F16B43/00 (71)Name of Applicant:

(31) Priority Document No :12501771 (32) Priority Date :28/02/2012

(33) Name of priority country :Sweden

(86) International Application :PCT/SE2013/050138 No

:19/02/2013 Filing Date

(87) International Publication

:WO 2013/129993

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

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

1)SCANIA CV AB

Address of Applicant :S 151 87 Sdertlje Sweden

(72)Name of Inventor: 1)J,,RNSTR-M Sune

(57) Abstract:

The invention relates to a stabiliser bar (1) mainly intended to counteract pitching movements in a vehicle cab (10) comprising a suspension device (9) with a bushing (14) on each side of which lateral stops (16a,b) are arranged made from an essentially elastic material and bearings (17a,b) arranged on the outside of these. The invention is achieved in that a washer shaped unit (23a,b) is arranged between the bearings (17a,b) and the lateral stops (16a,b) and configured with a diameter which essentially corresponds to the lateral stops diameter and that the washer shaped unit (23a b) is arranged to support the lateral stops (16a,b) in an axial direction and absorb any axial forces exerted by the lateral stop and form an air gap (24a,b) between the stabiliser bar s supporting surfaces (22a,b) and the washer shaped unit (23a,b) eliminating in this way direct contact between the stabiliser bar s supporting surfaces (22a,b) and the lateral stops (16a,b).

No. of Pages: 15 No. of Claims: 8

(22) Date of filing of Application :02/06/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: PHARMACEUTICAL COMPOSITIONS COMPRISING 7- (1H-IMIDAZOL-4-YLMETHYL)-5, 6, 7, 8- TETRAHYDRO-QUINOLINE FOR RETINAL NEUROPROTECTION

:A61K31/4709,A61P27/06 (71)Name of Applicant : (51) International classification (31) Priority Document No :61/563886 (32) Priority Date :28/11/2011 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2012/066560

Filing Date :26/11/2012 (87) International Publication No :WO 2013/081981

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

1)ALLERGAN INC.

(21) Application No.4446/DELNP/2014 A

Address of Applicant :2525 Dupont Drive Irvine California

92612 U.S.A.

(72)Name of Inventor: 1)DIBAS Mohammed I. 2)DONELLO John E.

3)GIL Daniel W.

(57) Abstract:

(19) INDIA

The present invention relates to a method for retinal neuroprotection or for treating retinal diseases, in a patient in need thereof which comprises of administering a therapeutically effective amount of a pharmaceutical composition comprising a therapeutically effective amount of 7-(lH-Imidazol-4-ylmethyl)-5,6,7,8-tetrahydro-quinoline, its enantiomers or pharmaceutically acceptable salts thereof.

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

(22) Date of filing of Application :02/06/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention: MANDELIC ACID CONDENSATION POLYMERS

(51) International classification(31) Priority Document No	:61/566441	Address of Applicant :1653 West Congress Parkway Chicago
(32) Priority Date(33) Name of priority	:02/12/2011	IL 60612 U.S.A. 2)THE BOARD OF TRUSTEES OF THE UNIVERSITY
country	:U.S.A.	OF ILLINOIS
(86) International Application No Filing Date	:PCT/US2012/067452 :30/11/2012	(72)Name of Inventor:1)ANDERSON Jr. Robert A.2)DIAO Xiao Hui
(87) International Publication No	:WO 2013/082533	3)ZANEVELD Lourens J. D. 4)CHANY II Calvin J.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)KRUNIC Aleksej 6)WALLER Donald P. 7)VENTON Duane L.
(62) Divisional toApplication NumberFiling Date	:NA :NA	8)JAIN Sanjay

(57) Abstract:

Disclosed herein are compounds and compositions useful for reducing the risk of infection. In particular disclosed herein are mandelic acid condensation polymers compositions comprising such compounds processes for producing such compounds and methods of using such compounds.

No. of Pages: 56 No. of Claims: 65

(22) Date of filing of Application :02/06/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention : A METHOD OF PREPARING AN OLEFIN POLYMERIZATION CATALYST THE CATALYST AND ETHYLENE POLYMERS AND COPOLYMERS OBTAINED USING THE 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 	:B01J21/06,B01J23/26,B01J37/03 :13/310570 :02/12/2011 :U.S.A. :PCT/US2012/067175 :30/11/2012 :WO 2013/082346	(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)MCDANIEL Max P 2)COLLINS Kathy S
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

A method of preparing a catalyst comprising contacting an acidic colloidal silica suspension with a titanium containing compound to form a mixture adjusting the pH of mixture to about neutral to form a catalyst support and contacting the catalyst support with chromium containing compound to from a chromium supported catalyst. A catalyst support prepared by contacting a colloidal silica suspension and a titanium containing compound under acidic conditions to form a mixture and contacting the mixture with a basic material in an amount sufficient to increase the pH of the mixture to about 7. Ethylene polymers or copolymers made using said catalyst.

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

(21) Application No.4449/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: REPLACEABLE FLUID DISPENSING CARTRIDGE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B26B19/40,B26B21/44 :NA :NA :NA :PCT/CN2011/083780 :09/12/2011 :WO 2013/082814 :NA :NA	(71)Name of Applicant: 1)THE GILLETTE COMPANY Address of Applicant: World Shaving Headquarters Ip/legal Patent Department 3E One Gillette Park Boston Massachusetts 02127 U.S.A. (72)Name of Inventor: 1)XU Xiaolan 2)WAIN Kevin James
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A replaceable fluid dispensing cartridge for a liquid dispensing razor having a fluid interconnect member with a pivotable support member and a base member with a fluid port and an engagement surface for removably and fixedly mating to a corresponding engagement member of a handle. A cartridge housing is mounted to the pivotable support member. The cartridge housing has a guard a cap and at least one blade between the cap and the guard. A fluid applicator defining an opening is fixedly joined to the interconnect member.

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

(19) INDIA

(22) Date of filing of Application :02/06/2014

(21) Application No.4463/DELNP/2014 A

(43) Publication Date: 06/02/2015

(54) Title of the invention: STABILIZED MICROPOROUS CRYSTALLINE MATERIAL THE METHOD OF MAKING THE SAME AND THE USE FOR SELECTIVE CATALYTIC REDUCTION OF NOX

(51) International :C01B37/08,C01B39/54,C01B39/02 classification

(31) Priority Document No :61/566106 (32) Priority Date :02/12/2011 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2012/067474

No :30/11/2012

Filing Date

(87) International Publication :WO 2013/082550

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

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

(71)Name of Applicant: 1)PO CORPORATION

Address of Applicant : P.O. Box 840 Valley Forge

Pennsylvania 19482 0840 U.S.A.

(72)Name of Inventor:

1)LI Hong Xin

2)CORMIER William E.

3)MODEN Bjorn

(57) Abstract:

There is disclosed a microporous crystalline material having pore opening ranging from 3 to 5 Angstroms where the material comprises a first metal chosen from alkali earth group rare earth group alkali group or mixtures thereof and a second metal chosen from iron copper or mixtures thereof; and has a molar silica to alumina ratio (SAR) from 3 to 10. The microporous crystalline material disclosed herein may comprise a crystal structure having building units of double 6 rings (d6r) and pore opening of 8 rings as exemplified with framework types defined by the Structure Commission of the International Zeolite Association have instructural codes of CHA, LEV, AEI, AFT, AFX, EAB, ERI, KFI, SAT, TSC and SAV. There is also disclosed a method of selective catalytic reduction of nitrogen oxides in exhaust gas comprising at least partially contacting the exhaust gases with an article comprising the disclosed microporous crystalline material.

No. of Pages: 30 No. of Claims: 15

(22) Date of filing of Application :02/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: BIOMARKERS FOR SANFILIPPO SYNDROME 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 	:C12M1/34 :61/556810 :07/11/2011 :U.S.A. :PCT/US2012/063935 :07/11/2012 :WO 2013/070760	(71)Name of Applicant: 1)SHIRE HUMAN GENETIC THERAPIES INC. Address of Applicant: 300 Shire Way Lexington MA 02421 U.S.A. (72)Name of Inventor: 1)HASLETT Patrick 2)RICHARD Charlie
. , 1		
` '	:PCT/US2012/063935	(72)Name of Inventor:
<u> </u>		1 /
(87) International Publication No	:WO 2013/070760	2)RICHARD Charlie
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides biomarkers for efficient and accurate characterization of Sanfilippo syndrome. In particular the present invention provides biomarkers differentially expressed in Sanfilippo syndrome. Those biomarkers used alone or in combination may permit more accurate robust characterization of Sanfilippo syndrome resulting in more precise determination of the types and/or severity of the syndrome. In addition inventive biomarkers according to the present invention can be used to effective monitor treatment response in Sanfilippo syndrome patients and/or to optimize treatment for Sanfilippo syndrome.

No. of Pages: 76 No. of Claims: 78

(22) Date of filing of Application :02/06/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: DISC BRAKE PAD GUIDEWAY AND DISC BRAKE EQUIPPED WITH SUCH A GUIDEWAY

(51) International classification :F16D65/097,F16D55/226 (71)Name of Applicant : (31) Priority Document No :1103908 (32) Priority Date :15/12/2011

(33) Name of priority country :France

(86) International Application No :PCT/EP2012/075592 Filing Date :14/12/2012

(87) International Publication No :WO 2013/087862

(61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number: NA Filing Date :NA 1)ROBERT BOSCH GMBH

Address of Applicant :Postfach 30 02 20 70442 Stuttgart

Germany

(72) Name of Inventor: 1)MAHOUDEAUX Roger

(57) Abstract:

Guideway for a motor vehicle disc brake which comprises at least one brake pad (5) which is slidably mounted in at least one guideway (7) with respect to a brake disc (8) along an axially oriented axis of sliding and comprises at least one brake pad application element (4) which is able to act axially; of the type in which the guideway (7) which is fixed to a fixed carrier (3) comprising an elastically deformable leg (10) and a guide face (11) comprising a contact zone the brake pad (5) exerting a constant elastic force F and comprising elastic damping means on all the face of the guideway likely to be in contact with the carrier and made from a sheet metal covered with said damping means on just one of its faces characterized in that the damping face comprises zones of contact with the carrier (3) and the guideway (7) and in that said guideway comprises an elastic leg (10) in contact with the pad (5) and has a bent over portion (11) so that the face comprising the damping means (13) is opposite to a zone for pressing against the pad (5).

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

(22) Date of filing of Application :03/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: APPARATUS AND METHOD FOR PROVIDING PRODUCT INFORMATION

(51) International (71)Name of Applicant: :G06K19/077,G06K7/00,G06K19/07 classification 1)THE GILLETTE COMPANY (31) Priority Document No Address of Applicant: World Shaving Headquarters IP/Legal :61/580379 (32) Priority Date :27/12/2011 Patent Department 3E One Gillette Park Boston Massachusetts (33) Name of priority 02127 U.S.A. :U.S.A. country (72)Name of Inventor: (86) International 1)STRIEMER Grant Edward :PCT/US2012/070910 Application No 2)AMANN Mathias :20/12/2012 Filing Date 3)JOYCE Jonathan Livingston (87) International 4)SHERMAN Faiz Fiesal :WO 2013/101653 Publication No

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

:NA
:NA
:NA

:NA

5)BOURILKOV Jordan Todorov 6)MORROW Mark Wayne 7)DE CASTRO Jose Tadeo Vergara 8)MESCHKAT Stephan James Andreas 9)FRANKE Michael

(57) Abstract:

Filing Date

A sensor system comprises a tag. The tag comprises at least one radio frequency chip and a first antenna. The chip comprises a memory element the memory element comprising electrical storage of a binary coded word comprising at least one bit and output terminals. The tag further comprises at least one conductive polymeric system disposed in electrical communication with at least one output terminal of the chip and adapted to change electrical state in association with a predetermined change in an environment of the conductive polymeric system. The first antenna is disposed in electrical communication with the output terminal(s) of the chip and the conductive polymeric system.

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

(22) Date of filing of Application :02/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: FLUID DISPENSING SHAVING RAZOR

(51) International classification	:B26B21/44,B26B19/40	(71)Name of Applicant:
(31) Priority Document No	:NA	1)THE GILLETTE COMPANY
(32) Priority Date	:NA	Address of Applicant :World Shaving Headquarters IP/legal
(33) Name of priority country	:NA	Patent Department 3e One Gillette Park Boston Massachusetts
(86) International Application No	:PCT/CN2011/083782	02127 U.S.A.
Filing Date	:09/12/2011	(72)Name of Inventor:
(87) International Publication No	:WO 2013/082815	1)XU Xiaolan
(61) Patent of Addition to Application	:NA	2)WAIN Kevin James
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A fluid dispensing shaving razor having a fluid interconnect member with a fluid port extending from a base member at a first end. A cartridge housing mounted to the fluid interconnect member. A fluid applicator is mounted to a second end of the fluid interconnect member. A handle has a first end with a resilient member defining an opening. The fluid port is releasably engaged within the opening of the resilient member. A fluid dispensing shaving razor (10) includes a fluid interconnect member (52) with a fluid port (110) extending from a base member (100) at a first end. A cartridge housing (54) is mounted to the fluid interconnect member (52). A fluid applicator (62) is mounted to a second end of the fluid interconnect member (52). A handle (20) has a first end with a resilient member (252) defining an opening (254). The fluid port (110) is releasably engaged within the opening (254) of the resilient member (252).

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

(21) Application No.4451/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: CONTINUOUS METHOD FOR APPLYING COATINGS TO A METAL ELEMENT

(51) International classification :B05D3/00,B05D1/02,B05D7/14 (71)Name of Applicant:

(31) Priority Document No :13/289835 (32) Priority Date :04/11/2011

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

(86) International Application No:PCT/MX2012/000079

Filing Date :30/08/2012

(87) International Publication No: WO 2013/066141

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

Number :NA Filing Date

(57) Abstract:

1)SAENZ CHAPA Armando
Address of Applicant :Av. La Luz No. 6913 Col. Pedregal la
Silla Monterrey N.L. 64890 Mexico

(72)Name of Inventor:

1)SAENZ CHAPA Armando

A continuous method for applying coatings to a metal element especially metal sheets in roll or leaf form or in the form of metal components which comprises cleaning and heating the metal sheet to a predefined temperature and subsequently applying a coating that cures rapidly since the solvent evaporates upon direct contact with the hot metal.

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

(22) Date of filing of Application :02/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: DOZING BLADE ASSEMBLY CUTTER AND DOZING 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 	:13/333013 :21/12/2011 :U.S.A.	(71)Name of Applicant: 1)CATERPILLAR INC. Address of Applicant: 100 N.e. Adams Street Peoria IL 61629 9510 U.S.A. (72)Name of Inventor: 1)BIGGS Nick W. 2)CONGDON Thomas M. 3)MARTIN Kevin L.
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(57) Abstract:

A dozing blade assembly (10) includes a dozing blade (12) and a cutter (30) mounted to the dozing blade (12). The cutter (30) includes a compound digging face (36) extending between a proximal edge (32) and a distal edge (34). The compound digging face (36) has a steeply oriented center segment (38) and shallowly oriented outer segments (40,42) for balancing downward penetration with forward pushability during moving the dozing blade assembly (10) through material of a substrate. Related methodology is also disclosed.

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

(21) Application No.4455/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: WIND TURBINE NACELLE

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

(31) Priority Document No :10 2011 089 431.4 (32) Priority Date :21/12/2011

(33) Name of priority country :Germany

(86) International Application :PCT/EP2012/075820

No :17/12/2012 Filing Date

(87) International Publication No:WO 2013/092502

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)WOBBEN PROPERTIES GMBH

Address of Applicant: Dreekamp 5 26605 Aurich Germany

(72)Name of Inventor:

1)R-ER Jochen

2)SARTORIUS Florian

(57) Abstract:

The invention relates to nacelle (1) of a wind turbine (100). According to the invention the wind turbine (100) has a tower (102) or mast an aerodynamic rotor (106) and a generator (46) having an electric machine rotor (50) and a stator and the nacelle (1) is provided with a nacelle covering (2,4) wherein the nacelle (1) in particular the nacelle covering (2,4) is self supporting.

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

(19) INDIA

(22) Date of filing of Application :02/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: DISC BRAKE DEVICE AND CALIPERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:02/12/2011 :WO 2013/080382 :NA :NA	(71)Name of Applicant: 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant: 1 Toyota cho Toyota shi Aichi 4718571 Japan (72)Name of Inventor: 1)NISHII Kazutoshi 2)GOMI Mikio 3)TANOUE Junichi
Filing Date	:NA	

(21) Application No.4456/DELNP/2014 A

(57) Abstract:

This disc brake device (1) is characterized by the provision of the following: a disc rotor (2) that rotates about an axis of rotation (X1); friction pads (3,4) facing friction surfaces on the disc rotor (2); a first member (6) provided on a vehicle body side anchor part (60); a second member (70) that is supported via a slide mechanism (8) so as to be able to slide with respect to the first member (6); and a third member (71) that holds the friction pads (3,4) and is supported via a pivot mechanism (72) so as to be able to pivot with respect to the second member (70) about a pivot axis (X2) extending in the radial direction of the disc rotor (2). This disc brake device (1) thus produces the effect of minimizing abnormal noises.

No. of Pages: 49 No. of Claims: 13

(22) Date of filing of Application :09/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : ABNORMALITY DETERMINING DEVICE FOR BELT-TYPE CONTNUOUSLY VARIABLE TRANSMISSION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:F16H :2012- 089475 :10/04/2012 :Japan	(71)Name of Applicant: 1)SUZUKI MOTOR CORPORATION Address of Applicant: 300 TAKATSUKA-CHO, MINAMI-KU, HAMAMATSU-SHI, SHIZUOKA-KEN 432-8611, JAPAN (72)Name of Inventor:
(86) International Application No Filing Date	:NA :NA	1)MURAMATSU GO 2)AOKI YUTA
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An abnormality determining device for a belt-type continuously variable transmission includes: a belt-type continuously variable transmission including a drive pulley provided on a crankshaft of an engine, an idler pulley connected to an axle shaft, and a belt wrapped around the drive pulley and the idler pulley; an engine speed sensor configured to detect a rotation speed of the engine; a throttle valve opening sensor configured to detect an opening degree of a throttle valve that adjusts an air intake of the engine; and a determining section configured to determine whether or not the belt-type continuously variable transmission is abnormal based on a magnitude of a change in the rotation speed of the engine relative to the opening degree of the throttle valve.

No. of Pages: 69 No. of Claims: 10

(21) Application No.2324/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :02/08/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: PESTICIDAL 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 	:A01N25/00 :NA :NA :NA :NA :NA : NA : NA	(71)Name of Applicant: 1)CRYSTAL CROP PROTECTION PVT. LTD Address of Applicant: G1/17, GT KARNAL ROAD, INDUSTRIAL AREA, AZADPUR (NEAR AZADPUR METRO STATION), DELHI-110033 Delhi India (72)Name of Inventor: 1)N.K. AGGARWAL
		2): 1121 12 6 5 21 1 1 1 2
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention generally relates to pesticidal combination. Particularly the invention relates to a novel combination of the pesticide and a stable, synergistic pesticidal composition comprising the novel combination and a process thereof.

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

(19) INDIA

(22) Date of filing of Application :02/04/2014

(21) Application No.2588/DELNP/2014 A

(43) Publication Date: 06/02/2015

(54) Title of the invention: COMPOSITION FOR USE IN THE PROMOTION OF INTESTINAL ANGIOGENESIS AND OF NUTRIENT ABSORPTION AND OF ENTERAL FEEDING TOLERANCE AND/OR IN THE PREVENTION AND/OR TREATMENT OF INTESTINAL INFLAMMATION AND/OR IN THE RECOVERY AFTER INTESTINAL INJURY AND **SURGERY**

(51) International classification :A23D9/00,A23L1/052,A23L1/30 (71)Name of Applicant:

:15/10/2012

:NA

:WO 2013/057062

(31) Priority Document No :11185606.8 (32) Priority Date :18/10/2011

(33) Name of priority country :EPO

(86) International Application :PCT/EP2012/070359

Filing Date

(87) International Publication

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

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

Filing Date

1)NESTEC S.A.

Address of Applicant: Avenue Nestl 55 CH 1800 Vevey

Switzerland

(72) Name of Inventor:

1)GARCIA RODENAS Clara 2)SPRENGER Norbert

(57) Abstract:

The invention discloses a composition comprising at least one long chain polyunsaturated fatty acid at least one probiotic and a mixture of oligosaccharides said mixture containing at least one N acetylated oligosaccharide at least one sialylated oligosaccharide and at least one neutral oligosaccharide for use in the promotion of intestinal angiogenesis and of nutrient absorption and of enteral feeding toleranceand/or in the prevention and/or treatment of intestinal inflammation such as necrotizing enterocolis and/or in the recovery after intestinal injury and/or surgery. This composition is particularly adapted for use in infants notably preterm infants.

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

(22) Date of filing of Application :02/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: COMPOSITION FOR USE IN THE PROMOTION OF HEALTHY BONE GROWTH AND/OR IN THE PREVENTION AND/OR TREATMENT OF BONE DISEASE

(51) International classification	:A23D9/00,A23L1/052,A23L1/30	(71)Name of Applicant:
(31) Priority Document No	:11185608.4	1)NESTEC S.A.
(32) Priority Date	:18/10/2011	Address of Applicant : Avenue Nestl 55 CH 1800 Vevey
(33) Name of priority country	:EPO	Switzerland
,	86) International Application No Filing Date	:PCT/EP2012/070370 :15/10/2012	(72)Name of Inventor : 1)BERGONZELLI DEGONDA Gabriela 2)CASTANEDA GUTIERREZ Euridice
,	87) International Publication No	:WO 2013/057063	3)GARCIA RODENAS Clara 4)OFFORD CAVIN Elizabeth
,	61) Patent of Addition to Application Number Filing Date	:NA :NA	5)VIGUET CARRIN Stphanie
,	62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention discloses a composition comprising at least one long chain polyunsaturated fatty acid at least one probiotic and a mixture of oligosaccharides said mixture containing at least one N acetylated oligosaccharide at least one sialylated oligosaccharide and at least one neutral oligosaccharide for use in the promotion of healthy bone growth and/or in the prevention and/or treatment of bone disease. Said bone disease is in particular osteomalacia rickets osteopenia or osteoporosis. Preferably the composition is a nutritional composition.

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

(22) Date of filing of Application :03/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: METHOD DEVICE AND PROGRAM FOR CODING AND DECODING OF IMAGES

(51) International classification	:H04N7/32	(71)Name of Applicant:
(31) Priority Document No	:2011271841	1)NIPPON TELEGRAPH AND TELEPHONE
(32) Priority Date	:13/12/2011	CORPORATION
(33) Name of priority country	:Japan	Address of Applicant :5 1 Otemachi 1 chome Chiyoda ku
(86) International Application No	:PCT/JP2012/082174	Tokyo 1008116 Japan
Filing Date	:12/12/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2013/089129	1)WATANABE Mayuko
(61) Patent of Addition to Application	:NA	2)KITAHARA Masaki
Number	:NA	3)SHIMIZU Atsushi
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The purpose is to reduce the amount of coding operations and the amount of decoding operations to less than those in conventional intra split image coding while minimizing reduction in coding efficiency. A split image generating section splits an input image to be coded into blocks of identical size collects pixels at identical relative positions within each of the blocks and generates split images of respectively identical size. A portion of the split images undergo intra split image coding by an intra split image coding process section. An inter split image coding process section performs inter split image coding using another already coded split image as a reference image. In the event there are a plurality of candidate reference images a correlation direction calculating section derives from among a combination of already coded split images and reference images thereof that having the highest correction to the pixels in the original image and a reference image selection section selects the already coded split image present in the direction of highest correlation to the split image to be coded as the reference image to be used by the inter split image coding process section.

No. of Pages: 78 No. of Claims: 18

(21) Application No.2587/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :02/04/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: USE OF WHEY PROTEIN MICELLES FOR INFANTS AT RISK OF OBESITY OR DIABETES

(51) International :A23L1/305,A23L1/29,A61K35/20 classification

(31) Priority Document No :11186141.5 (32) Priority Date :21/10/2011

(33) Name of priority country: EPO

(86) International Application :PCT/EP2012/070718

:19/10/2012 Filing Date

(87) International Publication :WO 2013/057233

(61) Patent of Addition to

Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)NESTEC S.A.

Address of Applicant : Av. Nestl 55 CH 1800 Vevey

Switzerland

(72)Name of Inventor: 1)MACE Catherine

2)BOVETTO Lionel Jean Ren

3)POUTEAU Etienne

(57) Abstract:

The invention relates to whey protein micelles for use in the treatment and/or prevention of a disorder linked to an increase in insulin secretion and/or plasma IGF 1 concentration in an infant at risk of developing obesity or diabetes. The invention also relates to a nutritional composition for infants comprising whey protein micelles. Further the invention relates to a non therapeutic use of a nutritional composition for infants comprising whey protein micelles.

No. of Pages: 20 No. of Claims: 13

(21) Application No.4470/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: VERTICAL LATHE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:PD2011A000402 :20/12/2011 :Italy :PCT/IB2012/057216 :12/12/2012 :WO 2013/093719 :NA :NA	(71)Name of Applicant: 1)MAUS S.P.A. Address of Applicant: Via Caltana 28 I 35011 Campodarsego (PD) Italy (72)Name of Inventor: 1)SAMMARTIN Roberto 2)PERON Angelo
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A vertical lathe is described comprising a workpiece holding electro chuck (2) rotating around an axis (Z) of rotation the axis (Z) being oriented vertically with respect to a support plane of the lathe on the ground (T) and a tool bearing carriage (7) mounted on the lathe above the electro chuck (2) with respect to the vertical direction and movably guided from and towards the electro chuck (2) the tool bearing carriage (7) having at least one tool bearing member (11) with a principal axis (Y) of extension. The tool bearing carriage (7) is movable exclusively along a direction parallel to the direction of the axis of rotation (Z) of the electro chuck and the workpiece holding electro chuck (2) is movable transversely to the direction of movement of the carriage (7) exclusively along a direction (X) perpendicular to the axis of rotation (Z) of the electro chuck and in such a way that the principal axis (Y) of the tool bearing member (11) is coplanar with the plane described by the axis of rotation (Z) of the electro chuck (2) in its movement along the direction (X) of transverse movement.

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

(22) Date of filing of Application :03/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: TERMINAL ATTACHED ELECTRICAL WIRE AND TERMINAL

(51) International classification	:H01R4/18,H01R4/72	(71)Name of Applicant:
(31) Priority Document No	:2011271028	1)AUTONETWORKS TECHNOLOGIES LTD.
(32) Priority Date	:12/12/2011	Address of Applicant :1 14 Nishisuehiro cho Yokkaichi shi
(33) Name of priority country	:Japan	Mie 5108503 Japan
(86) International Application No	:PCT/JP2012/080705	
Filing Date	:28/11/2012	3)SUMITOMO ELECTRIC INDUSTRIES LTD.
(87) International Publication No	:WO 2013/088953	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)AIZAWA Takeshi
Number	:NA	2)MORIKAWA Satoshi
Filing Date	.1171	3)UCHIYAMA Yoshihiro
(62) Divisional to Application Number	:NA	4)TAKEDA Kazuaki
Filing Date	:NA	5)TONOSAKI Takashi

(57) Abstract:

In the present invention the terminal (15) of a terminal attached electrical wire (10) that results from the terminal (15) being connected to the terminus section of an electrical wire (11) and the terminus section being sealed with a thermal contraction tube (33) is provided with: a terminal connection section (16) that is connected to a corresponding terminal; an electrical wire connection section (18) that is connected to the terminus section of the electrical wire (11); and a connection section (22) that connects the terminal connection section (16) and the electrical wire connection section (18). In the connection section (22) the opening end (33A) of the thermal contraction tube (33) is covered and a water shedding section (32) that prevents adhered water from traveling to the opening end (33A) is provided to the terminal connection section (16) side of the opening end (33A).

No. of Pages: 28 No. of Claims: 18

(21) Application No.4472/DELNP/2014 A

1)TAIHO PHARMACEUTICAL CO. LTD.

Address of Applicant: 1 27 Kandanishiki cho Chiyoda ku

(19) INDIA

(22) Date of filing of Application :03/06/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: QUINOLYLPYRROLOPYRIMIDYL FUSED RING COMPOUND OR SALT THEREOF

(51) International (71)Name of Applicant: :C07D471/14,A61K31/519,A61P35/00 classification

(31) Priority Document No :2012037565 (32) Priority Date :23/02/2012

(33) Name of priority :Japan

country

(86) International :PCT/JP2013/054615 Application No

:22/02/2013 Filing Date

(87) International :WO 2013/125709 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA 1)SAGARA Takeshi 2)ITO Satoru

3)OTSUKI Sachie

Tokyo 1018444 Japan

(72)Name of Inventor:

4)NONOSHITA Katsumasa

(57) Abstract:

Filing Date

Provided is a novel compound having an EGFR inhibition activity and also having a cell proliferation inhibition effect. Also provided is a medicinal agent which has an EGFR inhibition activity and is therefore useful for the prevention and/or treatment of cancer. A compound represented by general formula (I) or a salt thereof.

No. of Pages: 120 No. of Claims: 11

(22) Date of filing of Application :03/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: MEMORY BASED ELECTRONICALLY SCANNED ARRAY ANTENNA 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 	:13/11/2012 :WO 2013/106129 :NA :NA :NA	(71)Name of Applicant: 1)RAYTHEON COMPANY Address of Applicant:870 Winter Street Waltham MA 02451 U.S.A. (72)Name of Inventor: 1)NOBLE William B. 2)BRUKIEWA Thomas F. 3)STEPHAN Larisa Angelique Natalya
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A system for controlling an active electronically scanned array (AESA) antenna which enables the AESA antenna to switch rapidly between different antenna states includes memories (38) connected to a common address bus (40). Each memory (38) is also connected to a digitally controlled RF signal transmission block (32) within the AESA antenna and stores digital control words for the digitally controlled RF signal transmission block (32). When a new address is provided on the address bus (40) each memory (38) outputs a new digital control word to its respective digitally controlled RF signal transmission block (32) causing a change in the state of the AESA antenna.

No. of Pages: 17 No. of Claims: 18

(22) Date of filing of Application :08/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: DRIVE SCREW ASSEMBLY AND LANDING GEAR ASSEMBLY WITH SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B64C :1208179.0 :10/05/2012 :U.K. :NA :NA	
(87) 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 landing gear assembly (10) includes a leg (12) that may be rotated between retracted and extended positions, a link assembly (14), and a drive screw assembly (16). The drive screw assembly (16) includes a casing (40), a piston (42) slidably coupled to the casing (40) for reciprocation relative to the casing (40) and a portion mounted to the link assembly (14) and where the drive screw assembly (16) is capable of locking and a unlocking.

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

(22) Date of filing of Application :22/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: GANAXOLONE FORMULATIONS AND METHODS FOR MAKING 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 	:28/11/2006 : NA :NA	(71)Name of Applicant: 1)MARINUS PHARMACEUTICALS Address of Applicant: 21 Business Park Drive, Branford, CT 06405, United States of America (72)Name of Inventor: 1)SHAW, Kenneth 2)ZHANG, Mingbao
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)ZHANG, Mingbao
(62) Divisional to Application Number Filed on	:4464/DELNP/2008 :26/05/2008	

(57) Abstract:

The present invention relates to a composition comprising particles having a volume weighted median diameter (D50) of the particles from about 50 nm to about 500 nm, each of the particles comprising ganaxolone, a complexing agent, and a dispersing agent and being cured until the particles exhibit a stable particle size.

No. of Pages: 180 No. of Claims: 49

(22) Date of filing of Application :02/04/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: TEST PACK TO MONITOR EFFECTIVENESS OF STERILIZATION PROCESS

(51) International classification :A61L2/28,C12Q1/22,C12M1/34 (71)Name of Applicant:

(31) Priority Document No :13/270491 (32) Priority Date :11/10/2011

(33) Name of priority country :U.S.A. (86) International Application

:PCT/US2012/058685 No :04/10/2012

Filing Date

(87) International Publication No: WO 2013/055569

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)AMERICAN STERILIZER COMPANY

Address of Applicant :5960 Heisley Road Mentor Ohio 44060

1834 U.S.A.

(72) Name of Inventor:

1)FRANCISKOVICH Phillip. P.

2) CREGGER Tricia A.

(57) Abstract:

A sterilization test pack including a base comprising a pair of recessed compartments wherein the recessed compartments are arranged in a non concentric relationship and are in fluid communication with each other; a cover attached to the base and forming a sealed enclosure for the recessed compartments; an external channel providing the only fluid communication between the sealed enclosure and an external environment; a selected sterilization indicator in a first of the recessed compartments; and a chemical integrator and/or a chemical indicator in a second of the recessed compartments in which the external channel is configured to allow only restricted flow of a gaseous sterilization medium into the recessed compartments and the base and cover are otherwise impenetrable by the gaseous sterilization medium.

No. of Pages: 24 No. of Claims: 18

(22) Date of filing of Application :03/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: TURBINE FOR A HYDROELECTRIC POWER PLANT AND HYDROELECTRIC POWER PLANT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F03B3/06 :10 2011 085 950.0 :08/11/2011 :Germany :PCT/EP2012/066995 :31/08/2012 :WO 2013/068144 :NA :NA	(71)Name of Applicant: 1)WOBBEN PROPERTIES GMBH Address of Applicant: Dreekamp 5 26605 Aurich Germany (72)Name of Inventor: 1)ROHDEN Rolf 2)H,,USER Jan Niko 3)LAMBERTZ Walter
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a turbine provided for a hydroelectric power plant comprising a hub (430); a plurality of turbine blades (440) that are provided on the hub (430); a pitch angle adjusting unit (460) that is coupled to the turbine blades (440) for adjusting the pitch angle of the turbine blades; a double acting hydraulic cylinder (450); and a piston rod (470) that is connected to said hydraulic cylinder. The piston rod (470) is coupled to the pitch angle adjusting unit (460) such that the pitch angle adjusting unit (460) carries out a rotational movement when the piston rod (470) is moved in the longitudinal direction. The double acting hydraulic cylinder (450) is provided in a hydraulic chamber that is coupled via a first and a second hydraulic line such that the double acting hydraulic cylinder can be moved by feeding a hydraulic fluid through the first or second hydraulic line and therefore causes an adjustment of the pitch angle of the turbine blades (440) via the coupling to the piston rod (470) and the pitch angle adjusting unit (460).

No. of Pages: 25 No. of Claims: 5

(22) Date of filing of Application :03/06/2014

(43) Publication Date: 06/02/2015

6)WU Yongzhong

(54) Title of the invention : NUCLEOTIDE SEQUENCES MEDIATING PLANT MALE FERTILITY AND METHOD OF USING SAME

(51) International classification (71)Name of Applicant: :C12N 15/56 1)PIONEER HI-BRED INTERNATIONAL, INC. (31) Priority Document No :11/166.609 (32) Priority Date Address of Applicant: 7100 N.W., 62nd Avenue, Johnston, :24/06/2005 (33) Name of priority country Iowa 50131-0552, USA U.S.A. :U.S.A. (86) International Application No :PCT/US2006/024273 (72)Name of Inventor: Filing Date :22/06/2006 1)ALBERTSEN Marc C. (87) International Publication No : NA 2)FOX Timothy W. (61) Patent of Addition to Application 3) HERSHEY Howard P. :NA Number 4)HUFFMAN Gary A. :NA Filing Date 5)TRIMNELL Mary

(62) Divisional to Application Number Filed on

:22/06/2006

:10081/DELNP/2007

(57) Abstract:

Nucleotide sequences mediating male fertility in plants are described, with DNA molecule and amino acid sequences set forth. Promoter sequences and their essential regions are also identified. The nucleotide sequences are useful in mediating male fertility in plants. In one such method, the homozygous recessive condition of male sterility causing alleles is maintained after crossing with a second plant, where the second plant contains a restoring transgene construct having a nucleotide sequence which reverses the homozygous condition. The restoring sequence is linked with a hemizygous sequence encoding a product inhibiting formation or function of male gametes. The maintainer plant produces only viable male gametes which do not contain the restoring transgene construct. Increase of the maintainer plant is also provided by self-fertilization, and selection for seed or plants which contain the construct.

No. of Pages: 125 No. of Claims: 65

(22) Date of filing of Application :03/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: ORAL CARE CLEANING AND TREATING DEVICE

(54) 5		(-4)
(51) International classification	:A61C17/02	(71)Name of Applicant:
(31) Priority Document No	:13/314257	1)MCNEIL PPC INC.
(32) Priority Date	:08/12/2011	Address of Applicant :199 Grandview Road Skillman New
(33) Name of priority country	:U.S.A.	Jersey 08558 U.S.A.
(86) International Application No	:PCT/US2012/067161	(72)Name of Inventor:
Filing Date	:30/11/2012	1)FOUGERE Richard J.
(87) International Publication No	:WO 2013/085803	2)FUSI Robert W. II
(61) Patent of Addition to Application	:NA	3)MCDONOUGH Justin E.
Number	*	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A device for directing a liquid onto a plurality of surfaces of the oral cavity the device including a handle a neck and a head where the head includes a cleaning component including a chamber for maintaining the liquid proximate the surfaces where the chamber is defined by front and rear sealing membranes inner side walls and a base inner wall and where the inner side walls each include a plurality of openings the device further including a first manifold and a second manifold a first port and a second port for conveying liquid; and means for providing an effective seal of the device within the oral cavity.

No. of Pages: 48 No. of Claims: 9

(22) Date of filing of Application :03/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: SULFIDE EXTENDED EPOXY RESINS AND BARRIER COATINGS APPLICATIONS THEREOF

(51) International classification :C08G59/30,C08G59/66,C09D163/00

(31) Priority Document No :61/576055 (32) Priority Date :15/12/2011

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

(86) International Application No :PCT/US2012/069718

Filing Date :14/12/2012

(87) International Publication No :WO 2013/090702

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

(71)Name of Applicant:

1)SUN CHEMICAL CORPORATION

Address of Applicant :35 Waterview Blvd. Parsippany NJ

07054 U.S.A.

(72)Name of Inventor: 1)WHITE Michael 2)ROSEN Josie

3)SCHOTTLAND Philippe

4)ARCURIO Ralph

(57) Abstract:

Provided is an oxygen barrier coating composition includes a resin including a compound of the following formula: o where Rl is an alkyl, cycloalkyl, aryl, alkyl aryl, glycol or polyol group, where the alkyl, cycloalkyl, aryl, alkyl aryl, glycol or polyol group is substituted with one or more glycidyl groups, the alkyl group of Rl is further substituted with one or more OH, cycloalkyl, aryl, heteroaryl or glycidyl ethers or combinations thereof, and the cycloalkyl, aryl, alkyl aryl, glycol or polyol group of Rl option ally is substituted with one or more alkyl, OH, cycloalkyl, aryl, heteroaryl or glycidyl ethers or combinations thereof, and R2 is an al o kyl, cycloalkyl, aryl or heteroaryl group, where the alkyl, cycloalkyl, aryl or heteroaryl group is substituted with one or more mer - capto groups, and the aryl, alkyl aryl, alkyl, cycloalkyl or heteroaryl group optionally is substituted with one or more alkyl, OH, eye - o loalkyl, aryl, heteroaryl or glycidyl ethers or combinations thereof. Also provided are methods of reducing the transmission rate of a gas through a substrate, the method including applying the gas barrier coating composition provided herein on the substrate and dry ing the gas barrier coating composition.

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

(22) Date of filing of Application :03/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: ORAL CARE CLEANING AND TREATING DEVICE

(= 1) =		
(51) International classification	:A61C17/02	(71)Name of Applicant:
(31) Priority Document No	:13/314263	1)MCNEIL PPC INC.
(32) Priority Date	:08/12/2011	Address of Applicant :199 Grandview Road Skillman New
(33) Name of priority country	:U.S.A.	Jersey 08558 U.S.A.
(86) International Application No	:PCT/US2012/067165	(72)Name of Inventor:
Filing Date	:30/11/2012	1)FOUGERE Richard J.
(87) International Publication No	:WO 2013/085804	2)FUSI Robert W. II
(61) Patent of Addition to Application	:NA	3)MCDONOUGH Justin E.
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A device for directing a liquid onto a plurality of surfaces of the oral cavity the device including a handle a neck and a head where the head includes a cleaning component including a chamber for maintaining the liquid proximate the surfaces where the chamber is defined by front and rear sealing membranes inner side walls and a base inner wall and where the inner side walls each include a plurality of openings the device further including a first manifold and a second manifold a first port and a second port for conveying liquid; and means for providing an effective seal of the device within the oral cavity.

No. of Pages: 53 No. of Claims: 9

(21) Application No.4478/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/06/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: RELAY TERMINAL

(51) International classification	:H01R4/18	(71)Name of Applicant:
(31) Priority Document No	:2011271005	1)AUTONETWORKS TECHNOLOGIES LTD.
(32) Priority Date	:12/12/2011	Address of Applicant :1 14 Nishisuehiro cho Yokkaichi shi
(33) Name of priority country	:Japan	Mie 5108503 Japan
(86) International Application No	:PCT/JP2012/081309	2)SUMITOMO WIRING SYSTEMS LTD.
Filing Date	:04/12/2012	3)SUMITOMO ELECTRIC INDUSTRIES LTD.
(87) International Publication No	:WO 2013/088987	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)AIZAWA Takeshi
Number	:NA	2)MORIKAWA Satoshi
Filing Date	.11/1	3)UCHIYAMA Yoshihiro
(62) Divisional to Application Number	:NA	4)TAKEDA Kazuaki
Filing Date	:NA	5)TONOSAKI Takashi

(57) Abstract:

This copper or copper alloy relay terminal (10) is conductively connected to an aluminum electrical wire (20) and a copper electrical wire (30) relays between the aluminum electrical wire (20) and the copper electrical wire (30) and is provided with: a first barrel section (11) caulked/crimped to an aluminum core wire (21) comprising the aluminum or aluminum alloy of the aluminum electrical wire (20) which is of a metal that differs from the copper or copper alloy configuring the relay terminal (10); a second barrel section (12) caulked/crimped to a copper core wire (31) of the copper electrical wire (30); a bottom plate (13) that connects the first barrel section (11) and the second barrel section (12); and a protrusion (41) (water shedding section (40)) that is provided to the bottom plate (13) and that restricts water from infiltrating into the first barrel section (11) side from the second barrel section (12) side.

No. of Pages: 33 No. of Claims: 13

(12) TATENT ATTEICATION TOBLICATION

(22) Date of filing of Application :02/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: BUCKET WITH SCREENING AND CRUSHING MEANS

(51) International classification :E02F3/407,E02F7/06,E02F3/96 (71)Name of Applicant : (31) Priority Document No 1)MECCANICA BREGANZESE S.P.A. IN BREVE MB :PD2011A000309 (32) Priority Date :30/09/2011 S.P.A. (33) Name of priority country Address of Applicant: Via Astico 30/A I 36030 Fara Vicentino :Italy (86) International Application No: PCT/IB2012/055189 (VI) Italy Filing Date :28/09/2012 (72)Name of Inventor: (87) International Publication No: WO 2013/046167 1)AZZOLIN Diego (61) Patent of Addition to 2) AZZOLIN Guido :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(21) Application No.2605/DELNP/2014 A

(57) Abstract:

(19) INDIA

A bucket (100) for crushing inert material comprises an outer casing (1) an inlet section (10) for the entry of the material to be crushed into the casing (1) and crushing unit (3) arranged in the casing (1) for crushing the material and a screening device (2) for screening the material to be crushed disposed in a position intermediate between the inlet aperture (10) and the crushing unit (3). The screening device (2) comprises at least one rotating member (20) the partial rotation of which is suitable for performing a screening of parts of material to be crushed which are of a size below a predetermined dimension.

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

(22) Date of filing of Application :03/06/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: APPARATUS AND METHOD FOR GENERATING MEDICAL ISOTOPES

(51) International classification :G21G1/08,G21G1/10,G21C1/30 (71)Name of Applicant:

(31) Priority Document No :13/373899 (32) Priority Date :05/12/2011 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2012/066214

No :21/11/2012 Filing Date

(87) International Publication No: WO 2013/119299

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)WISCONSIN ALUMNI RESEARCH FOUNDATION Address of Applicant :614 Walnut Street Madison WI 53726

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

1)PIEFER Gregory Richard 2)HELTEMES Thad Alexander 3)VAN ABEL Eric Nicholas

4) RADEL Ross Francis

(57) Abstract:

An apparatus for generating medical isotopes provides an annular fissile solution vessel surrounding a neutron generator. The annular fissile solution vessel provides for good capture of the emitted neutrons and a geometry that provides enhanced stability in an aqueous reactor. A neutron multiplier and/or a neutron moderator may be used to improve the efficiency and control the criticality of the reaction in the annular fissile solution vessel.

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

(22) Date of filing of Application :03/06/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention : ROOM TEMPERATURE GLASS TO GLASS GLASS TO PLASTIC AND GLASS TO CERAMIC/SEMICONDUCTOR BONDING

(51) International :B23K26/20,C03B23/20,B23K103/18

classification .B25K20/20,C05B25/20,B25K

(31) Priority Document No :13/291956 (32) Priority Date :08/11/2011 (33) Name of priority

country :U.S.A.

(86) International :PCT/US2012/063977

Application No
Filing Date :07/11/2012

(87) International :WO 2013/070791

Publication No . WO 2013

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

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

(71)Name of Applicant:

1)PICOSYS INCORPORATED

Address of Applicant : A Corporation Of The State Of California Dba Invenios. 320 N. Nopal St. Santa Barbara CA

93103 U.S.A.

(72)Name of Inventor:

1)KARAM Raymond Miller

2)ROUSSOS Georges 3)FINKLE Mark

4)HARVEY Daniella M.

5)ACKERMAN KARAM Pascal R.

(57) Abstract:

A process for room temperature substrate bonding employs a first substrate substantially transparent to a laser wavelength is selected. A second substrate for mating at an interface with the first substrate is then selected. A transmissivity change at the interface is created and the first and second substrates are mated at the interface. The first substrate is then irradiated with a laser of the transparency wavelength substantially focused at the interface and a localized high temperature at the interface from energy supplied by the laser is created. The first and second substrates immediately adjacent the interface are softened with diffusion across the interface to fuse the substrates.

No. of Pages: 32 No. of Claims: 24

(22) Date of filing of Application :03/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: FLOW IMPROVER FOR RESIN COATED SAND

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B22C1/02 :2011245000 :08/11/2011 :Japan :PCT/JP2012/078791 :07/11/2012 :WO 2013/069662 :NA :NA :NA	(71)Name of Applicant: 1)NOF CORPORATION Address of Applicant: 20 3 Ebisu 4 chome Shibuya ku Tokyo 1506019 Japan (72)Name of Inventor: 1)YOSHIMURA Takeshi
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(57) Abstract:

A flow improver for a resin coated sand according to the present invention comprises particles of a bivalent fatty acid metal salt having 8 to 24 carbon atoms and characterized in that the summary value (A) for grain size which is represented by formula (1) fulfills the relationship represented by the formula: A = 2.0 and the aggregation degree (B) (%) which is represented by formula (2) and is measured using a powder tester fulfills the relationship represented by the formula: B = 20 in the particles of the fatty acid metal salt which have been allowed to stand for 10 minutes under the environment of 80°C. Summary value (A) for grain size = (D90 D10)/D50 (wherein 1.0 = D50 = 40.0) (1) D10: a 10% integrated diameter (μ m) in terms of the volume of the particles of the fatty acid metal salt D50: a median diameter (μ m) in terms of the volume of the particles of the fatty acid metal salt D90: a 90% integrated diameter (μ m) in terms of the volume of the particles of the fatty acid metal salt Aggregation degree (B) = [(mass of the particles of the fatty acid metal salt remaining on a 350 μ m mesh sieve)/2]—100—(1/1)+[(mass of the particles of the fatty acid metal salt remaining on a 250 μ m mesh sieve)/2]—100—(3/5)+[(mass of the particles of the fatty acid metal salt remaining on a 150 μ m mesh sieve)/2]—100—(1/5)] (2)

No. of Pages: 34 No. of Claims: 4

(22) Date of filing of Application :03/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: METHOD OF ANALYZING VIDEO OR IMAGE DATA OF AN ABSORBENT ARTICLE

(57) Abstract:

A method for determining the proper placement of an absorbent article on an undergarment is provided. The method includes ecciving a still or video image of the absorbent article in the undergarment determining a central axis a longitudinal axis and a central point for the undergarment the absorbent article and the stains. The distance between the absorbent article longitudinal axis and the stain longitudinal axis is determined. The distance between the absorbent article central axis and the stain central axis is determined. The absorbent article is adjusted on the undergarment according to the distances determined between the stain axis and the absorbent article axis so that the center point of the stain is less than about 20 mm from the center point of the absorbent article.

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

(22) Date of filing of Application :03/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: LARGE SCALE METHOD FOR DISPENSING GRAINS OF POLLEN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A01H1/02 :61/558844 :11/11/2011 :U.S.A. :PCT/US2012/064059 :08/11/2012 :WO 2013/070846 :NA :NA	(71)Name of Applicant: 1)PIONEER HI BRED INTERNATIONAL INC. Address of Applicant: 7100 N.W. 62nd Avenue Johnston Iowa 50131 1014 U.S.A. (72)Name of Inventor: 1)COPE Jason M. 2)KRONE Todd L.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method is provided for bulk pollination of a plurality of plants. In various embodiments the method includes collecting a plurality of known grains of pollen loading the plurality of known grains of pollen into a bulk pollen distributing apparatus sensing a target pollination location of each of the plurality of plants using an electronic sensor and distributing the known grains of pollen to the plurality of plants with the bulk pollen distributing apparatus when the electronic sensor senses the target pollination location of each of the plants within a predefined proximity thereby pollinating the plurality of plants. A plurality of plants may be prepared for controlled pollination by preventing pollination of the plurality of plants by an alternate pollen source. Known grains of pollen may be dispensed to create predetermined gamete crosses with known plants.

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

(21) Application No.4486/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: ORAL CARE WHITENING 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 	:A61K8/22,A61K8/81,A61K8/891 :NA :NA :NA :PCT/US2011/066087 :20/12/2011 :WO 2013/095369 :NA :NA	(71)Name of Applicant: 1)COLGATE PALMOLIVE COMPANY Address of Applicant:300 Park Avenue New York New York 10022 U.S.A. (72)Name of Inventor: 1)BOYD Thomas 2)ONTUMI Dennis 3)MANDADI Prakasarao 4)CHOPRA Suman
Application Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Described herein are whitening compositions comprised of a peroxide component and an adhesion system which effectively provide whitening using a remarkably low level of peroxide. Methods of making and using these compositions are also described herein.

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

(22) Date of filing of Application :03/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: FOCAL POINT ADJUSTMENT DEVICE IMAGE CAPTURE DEVICE AND LENS BARREL

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G02B7/28,G02B7/36,G03B13/36 :2011247090 :11/11/2011 :Japan	(71)Name of Applicant: 1)NIKON CORPORATION Address of Applicant: 12 1 Yurakucho 1 chome Chiyoda ku Tokyo 1000006 Japan
(86) International Application No Filing Date (87) International Publication	:PCT/JP2012/079189 :09/11/2012 :WO 2013/069795	(72)Name of Inventor : 1)TOMITA Hiroyuki 2)MAEDA Toshiaki
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 focal point adjustment control device characterized by including: a focal point detection part for calculating an evaluation value relating to contrast of an image by an optical system and detecting the condition of focal point adjustment of the optical system; an acquisition part for acquiring from a lens barrel the maximum value and/or minimum value of an image plane motion coefficient indicating a correspondence relationship between the quantity of motion of a focal point adjustment lens included in the optical system and the quantity of motion of an image plane; and a controller employing the maximum value and/or the minimum value of the image plane motion coefficient for determining a driving speed of the focal point adjustment lens during detection of the condition of focal point adjustment by the focal point detection part.

No. of Pages: 94 No. of Claims: 23

(19) INDIA

(22) Date of filing of Application :02/04/2014

(21) Application No.2594/DELNP/2014 A

(43) Publication Date: 06/02/2015

(54) Title of the invention: COMMUTATING CIRCUIT BREAKER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:01/10/2012 :WO 2013/049790 :NA :NA :NA	(71)Name of Applicant: 1)FAULKNER Roger W. Address of Applicant:64 Cleveland Street Melrose MA 02176 U.S.A. (72)Name of Inventor: 1)FAULKNER Roger W.
Filing Date	:NA	

(57) Abstract:

A commutating circuit breaker that works by progressively inserting increasing resistance into a circuit via physical motion of a shuttle inked into the circuit by one set of sliding electrical contacts on the shuttle that connect the power through the moving shuttle to a sequence of different resistive paths with increasing resistance; the motion of the shuttle can be either linear or rotary. A feature is that at no point are the shuttle electrodes separated from the matching stationary stator electrodes to generate a powerful arc. Instead the current is commutated from one resistive path to the next with small enough changes in resistance at each step that arcing can be suppressed. The variable resistance can either be within the moving shuttle or the shuttle can comprise a commutating shuttle that moves the current over a series of stationary resistors.

No. of Pages: 88 No. of Claims: 36

(21) Application No.4503/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :04/06/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention : PREPARATION OF 5 HYDROXYMETHYLFURFURAL (HMF) FROM HEXOSE SOLUTIONS IN THE PRESENCE OF STEAM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:C07D307/46 :11193157.2 :13/12/2011 :EPO :PCT/EP2012/075055 :11/12/2012 :WO 2013/087613 :NA	(71)Name of Applicant: 1)BASF SE Address of Applicant: 67056 Ludwigshafen Germany (72)Name of Inventor: 1)BACKES Ren 2)BLANK Benoit 3)KINDLER Alois 4)FELDNER Carmen
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A process for preparing 5 hydroxymethylfurfural (HMF) characterized in that a) solutions (called starting solution hereinafter) comprising a hexose and an organic solvent having a boiling point greater than 200°C (at standard pressure) (called high boilers for short) and steam are supplied to a reaction vessel b) a conversion of the hexose to HMF in the presence of steam with simultaneous distillative removal of the HMF is effected in the reaction vessel and c) the distillate obtained is an aqueous HMF containing solution (called distillate hereinafter).

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

(19) INDIA

(22) Date of filing of Application :04/06/2014

(21) Application No.4504/DELNP/2014 A

(43) Publication Date: 06/02/2015

(54) Title of the invention: ENDOSSEOUS SINGLE TOOTH IMPLANT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61C8/00 :10 2011 056 253.2 :09/12/2011 :Germany :PCT/DE2012/100375 :09/12/2012 :WO 2013/083125 :NA :NA :NA	(71)Name of Applicant: 1)EPIPHANOSTICS GMBH Address of Applicant: M1/4nchner Strae 83 83607 Holzkirchen Germany (72)Name of Inventor: 1)DRR Walter
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(57) Abstract:

The invention relates to a single tooth implant for a fixed tooth replacement having a substantially cylindrical base body (10) that can be inserted into a hole made in a jaw bone an abutment (50) that can be inserted into the annular recess (16) of the base body (10) said abutment having a hole (60) for receiving a retaining screw a fastening head (58) for the tooth replacement and a retaining screw that can be inserted into the dummy hole of the base body (10) and which passes through the abutment.

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

(22) Date of filing of Application :04/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: TRANSMISSION SYSTEM WITH DEVICE FOR REGULATING THE GEAR CHANGE CURVE

(51) International classification :F16H55/56,F16H61/662 (71)Name of Applicant : (31) Priority Document No :MI2011A002250 1)PIAGGIO & C. S.P.A. Address of Applicant : Viale Rinaldo Piaggio 25 I 56025 (32) Priority Date :13/12/2011 (33) Name of priority country :Italy Pontedera PISA Italy (86) International Application No (72)Name of Inventor: :PCT/IB2012/057207 1)MARIOTTI Walter Filing Date :12/12/2012 (87) International Publication No :WO 2013/098689 2)NESTI Paolo (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A continuously variable transmission system for a motor cycle is described comprising a first drive sheave (12) operated by a transmission half shaft (14) and a second driven sheave connected to each other by a V belt. At least the drive sheave (12) is composed of a first half sheave (16) and a second half sheave (18) substantially conical sliding on the same axis joined in rotation. The first half sheave (16) is fitted internally with a speed regulator composed of a plurality of centrifugal masses (20) the movement of which is able to cause the axial shift in the direction of extension of the transmission half shaft (14) of said first half sheave (16) in relation to the corresponding second half sheave (18). The transmission system comprises a device (10) for regulating the gear change curve provided with electromechanical actuation means able to cause the selective intervention of a determined group of centrifugal masses (20) in such a way as to vary for the same number of revs of the engine the centrifugal force needed to achieve the axial shift of the first half sheave (16) in relation to the corresponding second half sheave (18).

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

(22) Date of filing of Application :04/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: AERODYNAMIC SEALS FOR ROTARY MACHINE

(51) International classification	:F16D	(71)Name of Applicant :
(31) Priority Document No	:13/542,780	. ,
(32) Priority Date	:06/07/2012	,
(33) Name of priority country	:U.S.A.	NEW YORK 12345, USA. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)BIDKAR, RAHUL ANIL
(87) International Publication No	: NA	2)CIRRI, MASSIMILIANO
(61) Patent of Addition to Application Number	:NA	3)THATTE, AZAM MIHIR
Filing Date	:NA	4)WILLIAMS, JOHN ROBERT
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An aerodynamic seal assembly for a rotary machine is provided. The assembly includes multiple sealing device segments disposed circumferentially intermediate to a stationary housing and a rotor. Each of the segments includes a shoe plate with a forward-shoe section and an aft-shoe section having multiple labyrinth teeth therebetween facing the rotor. The shoe plate is configured to allow a high pressure fluid to a front portion of the plurality of the labyrinth teeth and a low k pressure fluid behind the plurality of the labyrinth teeth and further configured to generate an aerodynamic force between the shoe plate and the rotor. The sealing device segment also includes multiple bellow springs or flexures connected to the shoe plate and to a top interface element, wherein the multiple bellow springs or flexures are configured to allow the high pressure fluid to occupy a forward cavity and the low pressure fluid to occupy an aft cavity. Further, the sealing device segments include a secondary seal attached to the top interface element at one first end and positioned about the multiple bellow springs or flexures and the shoe plate at one second end.

No. of Pages: 27 No. of Claims: 25

(22) Date of filing of Application :09/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: ROAD FINISHING MACHINE WITH VARIABLE SCREW SUSPENSION

(51) International classification	:E01C	(71)Name of Applicant :
(31) Priority Document No	:20 2012	1)Joseph Vgele AG
(22) B : : : B :	003 792.7	Address of Applicant :Joseph-Voegele-Strae 1, 67067
(32) Priority Date	:13/04/2012	Ludwigshafen/Rhein, Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)Martin SEIBEL
Filing Date	:NA	2)Thomas SCHMIDT
(87) 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:

Road finishing machine (100) with a chassis (10) and a screw bearing arrangement (1) for receiving a spreading screw (2), comprising a first and a second perforated support (28, 29) at the chassis (10) to fix the screw bearing arrangement (1) to the chassis (10), wherein the first and the second perforated supports (28, 29) each comprise first and second hole patterns (24, 25) to fix different screw bearing arrangements (1) to the road finishing machine (100) by means of the first hole pattern (24) or by means of the second hole pattern (25)

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

(22) Date of filing of Application :29/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: WEAVING OF THREE-DIMENSIONAL WOVEN HOLLOW LAYER FABRIC

(51) International alogaification	·D02D1/00	(71) Nome of Applicant
(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)TAPAN SHARMA
(32) Priority Date	:NA	Address of Applicant :205/1, SOMDUTTA VIHAR, NEAR
(33) Name of priority country	:NA	MEDICAL COLLEGE, MEERUT (UTTAR PRADESH)-250
(86) International Application No	:NA	004. Uttar Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)TAPAN SHARMA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Weaving of three-dimensional woven hollow layer fabric on power loom, handloom or any other machine in which fabric is made through twisting, intertwining, interweave or interlacing of yarn, by lateral or vertical movement of the warp let off or cloth take up motion; three layers of fabric are formed (for minimum three-dimensional structure) and then the upper one warp and lower one warp is interlaced with middle warp through lateral or vertical movement of the warp let off or cloth take up motion on machine.

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

(21) Application No.2640/DELNP/2013 A

(19) INDIA

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

(43) Publication Date: 06/02/2015

(54) Title of the invention: OBSTACLE RECOGNITION SYSTEM AND METHOD FOR A 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 	:B60W30/08 :2010224156 :01/10/2010 :Japan :PCT/IB2011/002267 :29/09/2011 :WO 2012/042355 :NA :NA	(71)Name of Applicant: 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant: 1 Toyota cho Toyota shi Aichi ken 471 8571 Japan (72)Name of Inventor: 1)IGARASHI Shinji 2)AKIYAMA Tomonori 3)YOSHIHAMA Yuki
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

For a driving assist system of a vehicle an object recognition method includes detecting an object (B) that is present around the vehicle (A) and enlarging the size of the object in a direction parallel to an indicator indicative of a lane boundary such as a white line curb wall or poles.

No. of Pages: 39 No. of Claims: 12

(21) Application No.4500/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/06/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: POLYMERISABLE MATERIAL

(51) International classification :C07F9/10,C08F30/02,G02B1/04 (71)Name of Applicant:

(31) Priority Document No :61/558058 (32) Priority Date :10/11/2011 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2012/053373

No :31/08/2012 Filing Date

(87) International Publication No:WO 2013/070306

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

:NA Number :NA

Filing Date

1) VERTELLUS SPECIALTIES INC.

Address of Applicant :201 North Illinois Street Suite 1800

Indianapolis Indiana 46204 U.S.A.

(72)Name of Inventor:

1)DRIVER Michael

(57) Abstract:

Polymerisable material which comprises a polymerisable group a siloxane group containing component and a zwitterionic group is described. The polymerisable material may be used to produce polymers and articles in particular contact lenses.

No. of Pages: 69 No. of Claims: 33

(21) Application No.1025/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :05/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: DATA PROCESSING APPARATUS, RECORDING APPARATUS AND CONTROL METHOD OF THE DATA PROCESSING APPARATUS

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:2012- 089074	1)SEIKO EPSON CORPORATION Address of Applicant :4-1, NISHI-SHINJUKU 2-CHOME,
(32) Priority Date	:10/04/2012	SHINJUKU-KU, TOKYO 163-0811, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)SHIOHARA, SUSUMU
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A data processing apparatus includes a processing unit 5 that distinguishes a command of a first command system including commands designating attributes of a printing form and a command of a second command system including commands designating attributes that are not defined in the first command system. When a recording instruction including an 10 instruction designating the printing form by a command of the first command system and data arranged in accordance with the printing form designated by the command of the first command system are input, the processing unit arranges the data included in the recording instruction in accordance with a 15 printing form designated by the command of the second command system to generate recording data.

No. of Pages: 51 No. of Claims: 21

(22) Date of filing of Application :01/08/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: ANALOG TO DIGITAL CONVERTER HYBRID USED FOR FLIGHT DATA RECORDER (FDR) SYSTEM FOR JAGUAR AIRCRAFT

(51) International classification	:H03K19/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ASERDC, HAL, AVIONICS DIVISION, KORWA
(32) Priority Date	:NA	Address of Applicant :AGM (DESIGN) ASERDC
(33) Name of priority country	:NA	HINDUSTAN AERONAUTICS LIMITED AVIONICS
(86) International Application No	:NA	DIVISION, KORWA, AMETHI-227412, UTTAR PRADESH,
Filing Date	:NA	INDIA
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)SUNEEL KUMAR SRIVASTAVA
Filing Date	:NA	2)MUKESH KUMAR VISHWAKARMA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This device is a 12 bit binary dual ramp integrating analog to Digital converter which converts DC input- differential, single ended, ratiometric or absolute into 12 bit digital output and working as controller unit of the DAU which contains decoding / multiplexing circuitry, latching device, counters and buffers constructed in the form of Hybrid micro circuit. This device has total 13 inputs, in which 1 input is clock signal, 8 logical inputs and 4 internally generated inputs. There are 22 outputs in which 7 system control outputs supplied to external devices and 9 control signal outputs which are internally supplied to other ICs for functioning of DAU and 6 are binary / digital output of ADC. The Input ranges are 0 to + 5 Volt, 0 to + 10 Volt, 0 to +20 Volt, \pm 5Volt, \pm 10 Volt. The power Supply Ranges are +15V \pm 0.5V, -15V \pm 0.5V, +5V \pm 0.5V

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

(22) Date of filing of Application :04/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: METHOD AND SYSTEM FOR DATA FILING 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 	:G06F17/30 :11306750.8 :22/12/2011 :EPO :PCT/EP2012/070316 :12/10/2012 :WO 2013/091925	(71)Name of Applicant: 1)AMADEUS Address of Applicant: 485 Route du Pin Montard Sophia Antipolis F 06410 Biot France (72)Name of Inventor: 1)SABAN David Olivier 2)BECKER Muriel
(61) Patent of Addition to Application	:WO 2013/091925 :NA	3)DORSO Julien
Number Filing Date (62) Divisional to Application Number	:NA :NA	4)BASSILANA Thierry
Filing Date	:NA	

(57) Abstract:

A method for updating data to ensure the correct version of the data is available for a user of a second data system wherein the data is capable of being stored in a first data entity and in a component of the second data system and wherein the method comprises in the second data system the steps of receiving via a computer an update request from the first data entity to update the data in the second component wherein the update request comprises an updated version of the data for updating the data; comparing via a computer the updated version of the data with a currently stored version of the data in the second component to determine a change therein; producing via a computer an operating function representative of the change in the data; applying via a computer the operating function to the currently stored version of the standard data to produce a resulting data and storing via a computer the operating function having the change therein which represents the difference between the currently stored version of the data and the updated version of the data to ensure the correct version of the data is capable of being output if requested.

No. of Pages: 31 No. of Claims: 15

(21) Application No.4517/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :04/06/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: RESIN COMPOSITION FOR FIXING ROTOR AUTOMOBILE AND METHOD FOR MANUFACTURING ROTOR

(51) International :H02K1/27,C08L63/00,H02K15/03

classification

(31) Priority Document No :2011260440 :29/11/2011 (32) Priority Date (33) Name of priority country :Japan

(86) International Application :PCT/JP2012/075560 No

:02/10/2012 Filing Date

(87) International Publication

:WO 2013/080654

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

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)SUMITOMO BAKELITE CO. LTD.

Address of Applicant :5 8 Higashi Shinagawa 2 chome

Shinagawa ku Tokyo 1400002 Japan

(72)Name of Inventor: 1)KITADA Tetsuya

(57) Abstract:

Provided is a solid resin composition for fixing that has outstanding filling characteristics and a rotor utilizing the same. This resin composition for fixing is used in a fixing member that is a constituent element of a rotor provided with: a rotor core (110) that comprises a laminate in which a plurality of plate members have been layered is fixed to a rotating shaft and is provided with a plurality of hole sections (150) disposed in the laminate along the edge section of the rotating shaft; magnets (120) for insertion into the hole sections (150); and a fixing member (130) formed by filling the space between the hole sections (150) and the magnets (120) with the resin composition for fixing and allowing the same to harden. The resin composition comprises a thermosetting resin (A) that includes an epoxy resin a hardening agent (B) and an inorganic filler (C) and the ICI viscosity of the epoxy resin at 150°C is 3 poise or less.

No. of Pages: 85 No. of Claims: 17

(22) Date of filing of Application :09/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: ROAD FINISHING MACHINE WITH MOBILE CONTROL PANEL

(51) International classification	:E01C	(71)Name of Applicant:
(31) Priority Document No	:20 2012 003 695.5	1)Joseph Vgele AG Address of Applicant :Joseph-Vgele-Strae 1, 67067
(32) Priority Date	:12/04/2012	Ludwigshafen/Rhein, Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)Ingo HERZBERG
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(==) 11		•

(57) Abstract:

The present invention relates to a road finishing machine with a control panel 1 that can be moved between end positions on the left and right sides of the road finishing machine in a control platform. According to the invention, the control panel 1 comprises a bearing roller 8, 9, 10 fixed by means of a thrust bearing which is engaged with a fixed bearing rail 6 provided at the control platform

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

(22) Date of filing of Application :31/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: NOVEL INDAZOLE COMPOUNDS, PREPARATION AND USES THEREOF

(51) International classification	:C07D231/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant : ANUSANDHAN BHAWA, RAFI
(86) International Application No	:NA	MARG, NEW DELHI-110001, INDIA Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)CHAITANYA SAXENA
(61) Patent of Addition to Application Number	:NA	2)DUMBALA SRINIVASA REDDY
Filing Date	:NA	3)KASHINATH KOMIRISHETTY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Indazole compounds of formula 1. Formula 1 Wherein: R1 are hydrogen or alkyl oraryl or heteroaryl; R2 are H or halogen R3 R4 R5 and R6, are independently hydrogen or alkyl, aryl, hetero arql; any two adjacent groups selected from R3, R4, R5, and R6may form a 3-8 membered cycle which may additionally contain hetero atoms; and their analogues, positional isomers, stereoisomers, derivatives, and pharmaceutically acceptable salt thereof.

No. of Pages: 30 No. of Claims: 8

(22) Date of filing of Application :02/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: METHOD AND APPARATUS FOR AUTOMATIC GENERATION OF RECOMMENDATIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06F17/30 :11180631.1 :08/09/2011 :EPO :PCT/EP2012/067227 :04/09/2012 :WO 2013/034553 :NA :NA :NA	(71)Name of Applicant: 1)AXEL SPRINGER DIGITAL TV GUIDE GMBH Address of Applicant: Schiffbauerdamm 22 10117 Berlin Germany (72)Name of Inventor: 1)KORST Jan 2)BARBIERI Mauro 3)CLOUT Ramon 4)PRONK Serverius Petrus Paulus
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(57) Abstract:

A recommender engine (100) for recommending content items to a user comprises: a profile generation unit having a pre profile input unit (110) which is configured to receive pre profile data comprising pre profile text data suitable for identifying entities of interest to a given user and having a pre profile analysis unit (112) which is connected with the pre profile input unit (110) and configured to extract from the pre profile data identification data identifying the entities of interest and to generate an initial user profile data set for the given user from the extracted identification data; a query generation unit (120) which is connected with the profile generation unit and configured to generate using the extracted identification data from the initial user profile data set at least two queries semantically different from each other to be directed to at least one content repository; a content retrieval unit (128) which is connected with the query generation unit (120) and configured to issue the generated queries to the at least one content repository (122) and which is configured to receive from the at least one content repository in response to the queries content related response data comprising respective hit lists having at least one respective content location identifier indicative of a storage location of a respective content item; and an interleaver unit (132) which is connected with the content retrieval unit and which is configured to generate from the different hit lists a single recommendation list by interleaving the content location identifiers comprised in different ones of the hit lists with each other.

No. of Pages: 29 No. of Claims: 15

(21) Application No.4535/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :04/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: COLOR CHANGING COMPOSITIONS

	· ·	
(51) International classification :A61K8/34,A61K8/81,A61Q11/00		(71)Name of Applicant :
(31) Priority Document No	:NA	1)COLGATE PALMOLIVE COMPANY
(32) Priority Date	:NA	Address of Applicant :300 Park Avenue New York New York
(33) Name of priority country	:NA	10022 U.S.A.
(86) International Application	.DCT/LIS2011/075210	(72)Name of Inventor:
No	:PCT/US2011/065310	1)SZEWCZYK Gregory
Filing Date	:16/12/2011	2)PATEL Neeta Atul
(87) International Publication	:WO 2013/089761	3)JOGUN Suzanne
No	.WO 2013/089/01	4)PRENCIPE Michael
(61) Patent of Addition to	·NIA	
Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application	.NIA	
Number	:NA	
Filing Date	:NA	

(57) Abstract:

Described herein are oral care compositions comprising an antibacterial agent and a dissolvable film comprising a pigment which provide a color change signal after a sufficient period of brushing wherein the dentifrice base has water activity less than 0.78 and comprises anionic polymer in free or salt form 10 25% by weight of the dentifrice base and anionic surfactant less than 3% by weight; together with methods of making and using the compositions.

No. of Pages: 21 No. of Claims: 14

(22) Date of filing of Application :02/04/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: METHODS FOR CO PRODUCTION OF ALKYLBENZENE AND BIOFUEL FROM NATURAL OILS

(51) International classification: C07C2/64, C07C15/073, C10G3/00 (71) Name of Applicant:

(31) Priority Document No :13/242833 (32) Priority Date :23/09/2011

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

(86) International Application :PCT/US2012/050747

:14/08/2012 Filing Date

(87) International Publication :WO 2013/043279

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)UOP LLC

Address of Applicant :25 East Algonquin Road P. O. Box

5017 Des Plaines Illinois 60017 5017 U.S.A.

(72)Name of Inventor:

1)BOZZANO Andrea G.

2)GRIFFITHS Matthew James 3)ANUMAKONDA Amarendra

(57) Abstract:

Embodiments of methods for co production of linear alkylbenzene and biofuel from a natural oil are provided. A method comprises the step of deoxygenating the natural oils to form a stream comprising paraffins. A first portion of the paraffins are dehydrogenated to provide mono olefins. Then benzene is alkylated with the mono olefins under alkylation conditions to provide an alkylation effluent comprising alkylbenzenes and benzene. Thereafter the alkylbenzenes are isolated to provide the alkylbenzene product. A second portion of the paraffins is processed to form biofuel.

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

(22) Date of filing of Application :04/06/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention : APPARATUS AND METHOD FOR TREATING AQUEOUS SOLUTIONS AND CONTAMINANTS THEREIN

(57) Abstract:

The present disclosure is generally directed to devices and methods of treating aqueous solutions to help remove or otherwise reduce levels concentrations or amounts of one or more contaminants. The present disclosure relates to a apparatus including a substantially self contained housing or container which is adapted to receive components including at least one counterelectrode (e.g. cathode) and at least one photoelectrode (e.g. anode) provided or arranged around at least one UV light source and/or receive contain and/or circulate fluid or aqueous solution.

No. of Pages: 61 No. of Claims: 19

(22) Date of filing of Application :04/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: TRANSVERSE GROOVES PROVIDING VENTING IN TREADS FOR RETREADED TIRES

(31) Priority Document No (32) Priority Date (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 PCT/US2011/066327 20/12/2011	(71)Name of Applicant: 1)MICHELIN RECHERCHE ET TECHNIQUE S.A. Address of Applicant:Route Louis Braille 10 CH 1763 Granges Paccot Switzerland 2)COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN (72)Name of Inventor: 1)COLBY E. Bruce 2)TSIHLAS Dimitri G. 3)ZARAK Cesar E. 4)IKONOMOV Metodi L.
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(57) Abstract:

The present invention includes an improved tire tread having recessed lateral grooves and a tire having the same. Particular embodiments of the tread include a tread thickness bounded depthwise by a top side configured to engage a ground surface during tire operation and a bottom side configured to attach to a tire carcass the thickness extending laterally between a first side edge and a second side edge and longitudinally in a lengthwise direction of the tread. The tread further includes a longitudinal groove in fluid communication with the top side or the bottom side of the tread thickness and a lateral groove in fluid communication with the bottom side of the tread thickness extending from the first side edge intersecting the longitudinal groove forming a vent passageway extending from the longitudinal groove and to the first side edge. The invention includes methods of forming such treads and molds there for.

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

(22) Date of filing of Application :04/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: TITANIUM CONTAINING GRANULAR POWDER AND METHOD FOR PRODUCTION THEREOF AND EXHAUST GAS TREATMENT CATALYST USING SAME AND METHOD FOR PRODUCTION THEREOF

(51) International classification: B01J23/30,B01D53/94,B01J23/28 (71) Name of Applicant: (31) Priority Document No 1)JGC CATALYSTS AND CHEMICALS LTD. :2011286115 (32) Priority Date :27/12/2011 Address of Applicant: 16th Floor Solid Square East Tower 580 (33) Name of priority country Horikawa cho Saiwai ku Kawasaki shi Kanagawa 2120013 Japan :Japan (86) International Application (72)Name of Inventor: :PCT/JP2012/008353 1)SETO Kiwamu :27/12/2012 Filing Date 2)ADACHI Kentaro (87) International Publication :WO 2013/099253 No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

To provide: a titanium containing granular powder which has good moldability into honeycomb structures exhibits high abrasion resistance and shows little decrease in specific surface area after baking; a method for the production of the granular powder; a honeycomb type catalyst for treating exhaust gas said honeycomb type catalyst being obtained from the granular powder; and a method for the production of the honeycomb type catalyst. [Solution] A titanium containing granular powder which comprises at a preset ratio a composite oxide containing titanium together with tungsten and/or molybdenum and at least one kind of additive selected from among a nitrogen compound containing tungsten or molybdenum a sulfur compound containing tungsten or molybdenum. A honeycomb type catalyst for treating exhaust gas which is obtained by molding the granular powder into a honeycomb structure.

No. of Pages: 91 No. of Claims: 12

(21) Application No.2598/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :02/04/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: METHODS AND SYSTEMS FOR OLEFIN PRODUCTION

(51) International :C07C11/00,C07C11/02,C07C11/06 classification

(31) Priority Document No :13/299656

(32) Priority Date :18/11/2011 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2012/055341

:14/09/2012 Filing Date

(87) International Publication: WO 2013/074194

No (61) Patent of Addition to

:NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)UOP LLC

Address of Applicant: 25 East Algonquin Road P.O. Box 5017

Des Plaines Illinois 60017 5017 U.S.A.

(72)Name of Inventor:

1)WERBA Greg

2)LANKTON Steven

3)KOZUP Steven

4)DA SILVA FERREIRA ALVES Joao Jorge

5)LUEBKE Charles P.

6)LIU Kirk

(57) Abstract:

One example method of the invention includes a process for producing an olefin comprising the steps of communicating a feed stream that comprises a paraffin to a distillation section communicating a distillation section output stream to a reactor and reacting the distillation section output stream in the reactor to produce a reactor output stream comprising an olefin. A splitter feed stream that is in communication with and downstream from the reactor output stream is communicated to an olefin splitter and a splitter output stream is communicated to a heat pump compressor. A heat pump compressor output stream is communicated to the distillation section and heat is used from the heat pump compressor output stream to reheat a distillation section stream that contains unreacted paraffin.

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

(19) INDIA

(22) Date of filing of Application :02/04/2014

(21) Application No.2599/DELNP/2014 A

(43) Publication Date: 06/02/2015

(54) Title of the invention: IMPROVING ENERGY EFFICIENCY IN ADSORPTIVE SEPARATION

(51) International classification	:B01D15/18,C07C7/12	(71)Name of Applicant:
(31) Priority Document No	:13/292713	1)UOP LLC
(32) Priority Date	:09/11/2011	Address of Applicant :25 East Algonquin Road P.O. Box 5017
(33) Name of priority country	:U.S.A.	Des Plaines Illinois 60017 5017 U.S.A.
(86) International Application No	:PCT/US2012/056475	(72)Name of Inventor:
Filing Date	:21/09/2012	1)FREY Stanley J.
(87) International Publication No	:WO 2013/070326	2)PETTENGILL Lewis H.
(61) Patent of Addition to Application	:NA	3)VAN DE COTTE Michael R.
Number	:NA	
Filing Date	.1171	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

THE PRESENT PROCESS COMPRISES A MEANS FOR ENERGY SAVINGS IN ONE OR MORE PROCESS PUMPS BY DRIVING THE ONE OR MORE PUMPS WITH A VARIABLE SPEED DRIVING MEANS. THE INVENTION IS PARTICULARLY USEFUL IN THE SEPARATION OF AN ADSORBED PRODUCT FROM A MIXTURE OF COMPONENTS USING SIMULATED MOVING BED ADSORPTION ASSOCIATED WITH A LARGE CIRCULATING STREAM PUMPED WITH VARIABLE SPEED DRIVING MEANS FOR CONSERVATION OF ENERGY RELATIVE TO THE KNOWN ART. THE IMPROVEMENT IS PARTICULARLY APPLICABLE TO A PROCESS FOR THE SEPARATION OF PARA XYLENE FROM MIXED C AROMATICS.

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

(22) Date of filing of Application :04/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: PACKAGED ORAL CARE IMPLEMENT

(51) International classification	:B65D75/36	(71)Name of Applicant:
(31) Priority Document No	:61/576652	1)COLGATE PALMOLIVE COMPANY
(32) Priority Date	:16/12/2011	Address of Applicant :300 Park Avenue New York New York
(33) Name of priority country	:U.S.A.	10022 U.S.A.
(86) International Application No	:PCT/US2012/069627	(72)Name of Inventor:
Filing Date	:14/12/2012	1)MOSKOVICH Robert
(87) International Publication No	:WO 2013/090659	2)HERNANDEZ Marisela
(61) Patent of Addition to Application	:NA	3)CARSE Paul Donald
Number	:NA	4)KOLB Matthew Lee
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A package (11) that comprises a front cover (40) and a back cover (60) at least a first portion of the front cover (40) or the back cover (60) being formed of a first material and one of the front cover (40) and the back cover (60) being formed of a second material the second material being more rigid than the first material. The first portion formed of the first material is capable of being deflected without permanent deformation of the display package. An oral care implement (10) may be included within the package (11) and in some embodiments the first portion is adjacent the head (27).

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

(21) Application No.4531/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :04/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: COLOR CHANGING ORAL COMPOSITIONS CONTAINING FILM

(51) International classification :A61K8/34,A61K8/49,A61K8/73 (71)Name of Applicant: (31) Priority Document No 1)COLGATE PALMOLIVE COMPANY :NA (32) Priority Date Address of Applicant :300 Park Avenue New York New York :NA (33) Name of priority country 10022 U.S.A. :NA (86) International Application (72)Name of Inventor: :PCT/US2011/065311 No 1)PAN Guisheng :16/12/2011 Filing Date 2)SZEWCZYK Gregory (87) International Publication No:WO 2013/089762 3)LIN Nora (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA

(57) Abstract:

Filing Date

Described herein are powder coated films comprising a polymer matrix designed for use in a children's toothpaste compositions comprising the films; and methods of making and using the same.

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

(22) Date of filing of Application :04/06/2014 (43) Publication Date : 06/02/2015

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

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C01B21/14,B01J19/02 :201110452018.1 :29/12/2011 :China :PCT/EP2012/076289 :20/12/2012 :WO 2013/098174 :NA :NA :NA	(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 2)GUIT Rudolf Philippus Maria 3)RIESTHUIS Theodorus Friederich Maria
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(57) Abstract:

A method for preparing hydroxylammonium in a reaction zone in a continuous process comprising optionally directly introducing nitric acid comprising < 0.1 ppm Mo into the reaction zone; wherein the nitric acid introduced is transported stored transferred in vessels and pipes comprising steel; wherein the reaction is carried out in vessels of which the walls of the vessels and connecting pipes comprise steel; wherein said steel comprises 0 to 0.08 wt% C and 0 to 0.03 wt% Mo.

No. of Pages: 13 No. of Claims: 11

(21) Application No.4533/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :04/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: METHOD FOR PROCESSING ASH PARTICULARLY FLY ASH

:F23C10/24,C01F17/00,C01G5/00 :20116228 :02/12/2011 :Finland	(71)Name of Applicant: 1)JYV,,SKYL,,N ENERGIA OY Address of Applicant: Kivritehtaankatu 8 C FI 40100 Jyvskyl Finland (72)Name of Inventor:
:PCT/FI2012/051196 :30/11/2012 :WO 2013/079804	1)V,,IS,,NEN Ari 2)VALKONEN Jussi 3)PER,,M,,KI Siiri 4)SOIKKELI Ville
:NA :NA	5)RYYMIN Risto
	:20116228 :02/12/2011 :Finland :PCT/FI2012/051196 :30/11/2012 :WO 2013/079804 :NA :NA

(57) Abstract:

Method for processing ash particularly fly ash in which method several elements are separated from the ash. In the method both noble metals and rare earth elements are separated.

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

(19) INDIA

(22) Date of filing of Application :02/04/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: ASSEMBLY HAVING A FLANGE

(51) International classification :F16L23/026,F16L23/032 (71)Name of Applicant : :10 2011 007 388.4 (31) Priority Document No

:NA

(32) Priority Date :14/04/2011 (33) Name of priority country :Germany

(86) International Application No :PCT/EP2012/056778

Filing Date :13/04/2012 (87) International Publication No :WO 2012/140197

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

1) SIEMENS AKTIENGESELLSCHAFT

(21) Application No.2616/DELNP/2014 A

Address of Applicant: Wittelsbacherplatz 2 80333 M¹/₄nchen

Germany

(72)Name of Inventor: 1)FREUND Wolfgang

(57) Abstract:

Filing Date

The invention relates to flanges (FL) for welding onto a pipe end (PE) of a pipe for a pressure bearing flange connection (FLC) of two pipe ends (PE) wherein the flange (FL) extends in a circumferential direction about a central axis (AX) of the pipe and has a first end face (FS) in the axial direction of the pipe end (PE) wherein the first end face (FS) has a sealing groove (SG) extending in the circumferential direction which sealing groove (SG) divides the end face (FS) into a radially inner inside surface (IS) and a radially outer outside surface (OS). In order to avoid rework the inside surface (IS) is axially recessed by a recess (RS) on average relative to the outside surface (OS). The invention is equally applicable to an adaptation ring or an assembly having a flange or adaptation ring.

No. of Pages: 30 No. of Claims: 8

(22) Date of filing of Application :04/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: THREADED JOINT WITH LOW TIGHTENING TORQUE

(51) International classification :E21B17/042,F16L15/00 (71)Name of Applicant : (31) Priority Document No 1)VALLOUREC OIL AND GAS FRANCE :11/04147 (32) Priority Date :29/12/2011 Address of Applicant: 54 rue Anatole France F 59620 Aulnoye (33) Name of priority country :France Avmeries France (86) International Application No (72)Name of Inventor: :PCT/FR2012/000542 1)DAVID Didier Filing Date :20/12/2012 (87) International Publication No :WO 2013/098491 2) CARROIS Fabien (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A tubular threaded joint (30) comprising a first body (C1) ended by an outer stop (BE) and linked to a male thread (PC1) extended by an end portion (PT1) forming an inner stop surface (B1) at the axial end thereof such that the joint comprises a second body (C2) defining at a free end a bearing surface (SA) for the outer stop and having on the inner surface thereof an initial portion (PT2) linking the bearing surface to a female thread (PC2) screwed onto the male thread and ending with a internal shoulder (El) facing the inner stop such that the connecting profile between one of the outer stop the inner stop the bearing surface and/or the internal shoulder has a profile whereof the diameter has a variable transverse cross section along a length of the body that is less than one of the end portion or initial portion.

No. of Pages: 31 No. of Claims: 15

(21) Application No.4521/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :04/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: APPARATUS AND METHOD FOR MAKING ENDLESS REINFORCED BELTS

(51) International classification :B29D29/08,B29C43/22,B29C43/28

(31) Priority Document No :61/570814 (32) Priority Date :14/12/2011

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

(86) International Application :PCT/US2012/069932

Filing Date :14/12/2012

(87) International Publication :WO 2013/090835

No (61) Patent of Addition to

(61) Patent of Addition to
Application Number
Filing Date

(22) Printing Leading 1. NA

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

(71)Name of Applicant:

1)THE GATES CORPORATION

Address of Applicant :(a Delaware Corporation) 1551

Wewatta Street Denver CO 80202 U.S.A.

(72)Name of Inventor: 1)PASCH Lambert

2)KNOX John Graeme

(57) Abstract:

A system method and apparatus for making endless belts having a profile layer a fully embedded helically wound cord layer and a top layer. The apparatus has a rotatable mandrel (2) with a profile complementary to the belt profile (1) two or one engagement rolls adjacent the mandrel to maintain forced wrapped engagement of the profile layer on a portion thereof; a cord applicator which may include a heated blade (5) that plows a groove in the profile layer into which the cord is laid and fused thereto. A laminator applies the top layer onto the reinforced carcass. A system of buffer rolls (14) handles the loose portion of the profile layer or carcass guiding it.

No. of Pages: 37 No. of Claims: 36

(21) Application No.4523/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :04/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: SOLUBILIZED MAGNOLOL ANALOGS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:A61K8/34,A61K8/49,A61Q11/00 :NA :NA :NA :PCT/US2011/065021 :15/12/2011	(71)Name of Applicant: 1)COLGATE PALMOLIVE COMPANY Address of Applicant: 300 Park Avenue New York New York 10022 U.S.A. (72)Name of Inventor: 1)HOURIGAN Regina 2)MASTRULL Jeffrey 3)MATTAI Jairajh
No	:WO 2013/089719	4)MASTERS James
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A composition comprising a solubilized magnolol analog comprising at least one magnolol analog chosen from propyl magnolol isopropyl magnolol butyl magnolol and isobutyl magnolol and a sorbitan ester. These solubilized analogs are useful in personal care oral care and home care compositions to provide anti bacterial activity and reducing the expression of pro inflammatory mediators. If isopropyl is selected then the sorbitan ester is at least one of polyoxyethylene 20 sorbitan monooleate and a proviso that if isobutyl magnolol is selected then the sorbitan ester is poloxyethylene 20 sorbitan monooleate.

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

(21) Application No.2282/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :31/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: A NOVEL COMPOSITION FOR DIABETES

(51) International classification	:A61K36/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DR. SYED TANVIR ALI
(32) Priority Date	:NA	Address of Applicant :319/5, SECOND FLOOR,, NEB
(33) Name of priority country	:NA	SARAI, MAIDAN GARHI ROAD, NEW DELHI-110068 Delhi
(86) International Application No	:NA	India
Filing Date	:NA	2)GURMUKH SINGH GHULDU
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)DR. SYED TANVIR ALI
Filing Date	:NA	2)GURMUKH SING GHULDU
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

This invention relates to a herbal formulation for treating obesity and related symptoms. The herbal formulation comprises extracts of Trigonella foenum graecum, Momordica charanti, Camellia senensis with or without know additives.

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

(22) Date of filing of Application: 13/03/2013 (43) Publication Date: 06/02/2015

(54) Title of the invention: METHOD AND INFORMATION SYSTEM FOR INFORMING A VEHICLE DRIVER ABOUT CONDITIONS OF A PLANNED PASSING MANEUVER

(21) Application No.2282/DELNP/2013 A

(51) International classification :B60W50/08 (71)Name of Applicant: (31) Priority Document No 1)ROBERT BOSCH GMBH :10 2010 042 115.4 (32) Priority Date Address of Applicant :Postfach 30 02 20 70442 Stuttgart :07/10/2010 (33) Name of priority country Germany :Germany (86) International Application No :PCT/EP2011/065987 (72)Name of Inventor: Filing Date :15/09/2011 1)HUELBUSCH Katja (87) International Publication No :WO 2012/045558 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

(19) INDIA

The invention relates to a method for informing a vehicle driver about conditions of an imminent passing maneuver, wherein a speed of a leading vehicle is determined and is compared to a speed of a vehicle of the vehicle driver, a passing duration is estimated and/or calculated, and said duration is displayed to the vehicle driver directly and/or in a processed form.

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

(21) Application No.2283/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :31/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: A NOVEL COMPOSITION FOR WEIGHT MANAGEMENT

(51) International classification	:A61K36/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. SYED TANVIR ALI
(32) Priority Date	:NA	Address of Applicant :319/5, SECOND FLOOR, SARAI,
(33) Name of priority country	:NA	MAIDAN GARHI ROAD, NEW DELHI - 110068 Delhi India
(86) International Application No	:NA	2)GURMUKH SINGH GHULDU
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DR. SYED TANVIR ALI
(61) Patent of Addition to Application Number	:NA	2)GURMUKH SINGH GHULDU
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This invention relates to a herbal formulation for treating obesity and related symptoms. The herbal formulation comprises extracts of Camellia sinensis, Garcinia combogia and Coffea arabica with or without know additives.

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

(21) Application No.4540/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/06/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention: TREATMENT OF ADRENAL INSUFFICIENCY

(51) International classification	:A61K9/50,A61K31/573	(71)Name of Applicant:
(31) Priority Document No	:1119985.8	1)DIURNAL LIMITED
(32) Priority Date	:19/11/2011	Address of Applicant :8th Floor Eastgate House 34 44
(33) Name of priority country	:U.K.	Newport Road Cardiff CF24 OAB U.K.
(86) International Application No	:PCT/GB2012/052864	(72)Name of Inventor:
Filing Date	:19/11/2012	1)HUATAN Hiep
(87) International Publication No	:WO 2013/072707	2)ROSS Richard
(61) Patent of Addition to Application	:NA	3)WHITAKER Martin
Number	:NA	
Filing Date	.1121	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The disclosure relates to the treatment of adrenal insufficiency with particular but not limiting application to paediatric treatment regimens the treatment of the elderly and non human animals.

No. of Pages: 30 No. of Claims: 46

(22) Date of filing of Application :05/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: SYSTEMS DEVICES AND METHODS FOR SAMPLE ANALYSIS USING MASS SPECTROMETRY

(51) International classification	,	(71)Name of Applicant:
(31) Priority Document No	:61/566932	1)SMITHS DETECTION MONTREAL INC.
(32) Priority Date	:05/12/2011	Address of Applicant :3225 Francis Hughes Suite 100 Laval
(33) Name of priority country	:U.S.A.	Quebec H71 5A5 Canada
(86) International Application No	:PCT/IB2012/002917	(72)Name of Inventor :
Filing Date	:05/12/2012	1)HENDRIKSE Jan
(87) International Publication No	:WO 2013/084069	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	3.7.4	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A mass spectrometry system for screening a sample for one or more analytes includes a pre mass spectrometry screening apparatus configured to pre screen an ionized sample to generate output correlated to the composition of the sample and a mass spectrometer. A sample gate is opened to allow flow of at least a portion of the ionized sample to the mass spectrometer and closed to prevent flow of the ionized sample to the mass spectrometer. A processing system compares results of the pre mass spectrometry screening to an analyte database wherein correlation of the results to an analyte within the analyte database comprises a preliminary positive identification. When the processing system determines that a preliminary positive identification is made it causes the gate to open for a period of time. However when the processing system determines that a preliminary positive identification is not made it causes the gate to remain closed.

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

(22) Date of filing of Application :05/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: COMPOSITIONS AND METHODS FOR TREATING HEPATITIS C VIRUS

(51) International (71)Name of Applicant: :A61K31/4196,A61K31/513,A61P31/14 classification 1)GILEAD PHARMASSET LLC (31) Priority Document Address of Applicant : C/o Gilead Sciences Inc. 333 Lakeside :61/564500 Drive Foster City CA 94404 U.S.A. (72)Name of Inventor: (32) Priority Date :29/11/2011 (33) Name of priority 1)CLEARY Darryl G. :U.S.A. 2) REYNOLDS Charles J. country (86) International 3)BERREY Miriam Michelle :PCT/US2012/066605 Application No 4)HINDES Robert G. :27/11/2012 Filing Date 5)SYMONDS William T. (87) International 6)RAY Adrian S. :WO 2013/082003 Publication No 7)MO Hongmei (61) Patent of Addition to :NA 8) HEBNER Christy M. **Application Number** 9)OLIYAI Reza :NA Filing Date 10)ZIA Vahid (62) Divisional to 11)STEFANIDIS Dimitrios :NA **Application Number** 12)PAKDAMAN Rowchanak :NA Filing Date 13)CASTEEL Melissa Jean

(57) Abstract:

Disclosed herein are a composition and unit dosage form for the treatment of hepatitis C virus (HCV) infection comprising GS 7977 and at least one pharmaceutically acceptable excipient as well as methods for making said composition and unit dosage form. Also disclosed herein is a method of treating a subject preferably a human infected with hepatitis C virus said method comprising administering to the subject for a time period an effective amount of GS 7977 and an effective amount of ribavirin. In one aspect the method comprises administering to the subject an interferon free treatment regimen comprising an effective amount of GS 7977 and an effective amount of ribavirin. In a particular aspect the method is sufficient to produce an undetectable amount of HCV RNA in the subject for at least 12 weeks after the end of the time period.

No. of Pages: 80 No. of Claims: 55

(19) INDIA

(22) Date of filing of Application :02/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: HAND TIGHTENED HYDRAULIC FITTING

(51) International classification	:F16L19/00,F16L19/02	(71)Name of Applicant:
(31) Priority Document No	:61/580269	1)THE GATES CORPORATION
(32) Priority Date	:26/12/2011	Address of Applicant :1551 Wewatta Street Denver CO 80202
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/070239	(72)Name of Inventor:
Filing Date	:18/12/2012	1)ZULAUF Keith E.
(87) International Publication No	:WO 2013/101534	2)GILBREATH Donald R.
(61) Patent of Addition to Application	:NA	3)EATON Richard A.
Number	:NA	4)LEASURE Randall Mark
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.4441/DELNP/2014 A

(57) Abstract:

This disclosure relates generally to hose couplings useful for mining applications more particularly to a fluid coupling capable of generally fully tightened by hand including a visual lock for visual indication and safety when in a hand tightened position. The coupling generally includes a male portion (110) a female portion (120) a retaining member (130) and a locking member (140,150). The male portion passes through the retaining member and the retaining member threadingly engages the female member. The locking member prevents unthreading of the retaining member from the female member.

No. of Pages: 22 No. of Claims: 25

(22) Date of filing of Application :02/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: METHOD FOR PRODUCING FUEL OIL

(51) International classification	:C10G3/00,C10L1/04	(71)Name of Applicant:
(31) Priority Document No	:2011249712	1)KITAKYUSHU FOUNDATION FOR THE
(32) Priority Date	:15/11/2011	ADVANCEMENT OF INDUSTRY SCIENCE AND
(33) Name of priority country	:Japan	TECHNOLOGY
(86) International Application No	:PCT/JP2012/079412	Tr
Filing Date	:13/11/2012	shi Fukuoka 8080135 Japan
(87) International Publication No	:WO 2013/073528	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)ASAOKA Sachio
Number	:NA	2)LI Xiaohong
Filing Date	.11/1	3)KIMURA Toshiyuki
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided is a method that is for producing fuel oil and that is able to cheaply and highly efficiently produce a fuel oil or starting material thereof having as the primary component n paraffin or isoparaffin from a starting material oil containing triglyceride fatty acids even while reducing hydrogen pressure. The method for producing fuel oil has a step for producing fuel oil having one or both of n paraffin and isoparaffin as the primary component by contacting hydrogen gas and a starting material oil containing triglyceride fatty acids under the condition of a hydrogen pressure of no greater than 2 MPa to a catalyst resulting from supporting on a porous metal oxide support one or more metal elements belonging to group nine or group ten of the periodic table and one or more group six element oxides belonging to group six of the periodic table. The weight ratio of the group six elements to the metal elements contained in the catalyst is no greater than 1.0 in terms of the metal.

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

(21) Application No.4444/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: AEROSOL PHARMACEUTICAL COMPOSITION OF PROTEASE INHIBITORS AND PRODUCTION THEREOF

(51) International :A61K9/12,A61K38/55,A61K47/10 classification

(31) Priority Document No :2011144624 :03/11/2011 (32) Priority Date

(33) Name of priority country: Russia

(86) International Application :PCT/RU2012/000896

No :01/11/2012

Filing Date (87) International Publication :WO 2013/066214

(61) Patent of Addition to :NA

Application Number :NA Filing Date

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

(71)Name of Applicant:

1)ZHIRNOV Oleg Petrovich

Address of Applicant :ul. Glavnaya 8 80 Dedovsk

Moskovskava obl. 143530 Russia

(72)Name of Inventor:

1)ZHIRNOV Oleg Petrovich

(57) Abstract:

The invention relates to medicine, and aimed at the creation of pharmaceutical aerosols with active substances of protein nature and propellant ejection systems for the treatment of a wide range of human diseases. Invention describes a quantitative ratio of the components and their mixing procedure for the preparation of an aerosol composition allowing generating the aerosol of an active protein substance from the group of protease inhibitors. The developed pharmaceutical aerosol formulation of protease inhibitors will be widely used in medicine, since the disturbance of proteolytic balance, requiring correction with protease inhibitors, develops in many human and animal diseases, such as respiratory infections, including influenza, herpetic lesions of skin and mucous membranes, chronic obstructive bronchial pneumonia, asthma and others.

No. of Pages: 24 No. of Claims: 7

(21) Application No.4558/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/06/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: IDLE INTAKE AIR ADJUSTMENT DEVICE

(51) International classification: F02D29/00,F02D9/02,F02M23/00 (71) Name of Applicant:

(31) Priority Document No :2012002951 (32) Priority Date :11/01/2012

(33) Name of priority country :Japan

(86) International Application :PCT/JP2012/083413

No :25/12/2012 Filing Date

(87) International Publication :WO 2013/105426

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

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

(57) Abstract:

1)KABUSHIKI KAISHA F.C.C.

Address of Applicant: 7000 36NakagawaHosoe choKita

kuHamamatsu shi Shizuoka 4311304 Japan

(72)Name of Inventor: 1)Makita Shouii

2) Miyachi Kazuyoshi

Provided is an idle intake air adjustment device with which gear shift shock during downshifting of the transmission can be effectively alleviated. This idle intake air adjustment device (100) is equipped with an idle adjustment device (110) and an ECU (300). A bypass passage (112) is provided within the body (111) of the idle adjustment device (110) and an idle adjustment valve (120) is provided within the bypass passage (112). The cylindrically formed valve main body (121) of the idle adjustment valve (120) is equipped with an inflow side aperture part (122) an outflow side aperture part (123) and a second aperture part (124). The inflow side aperture part (122) opens in the axial direction of the valve main body (121) thereby introducing intake gas. The outflow side aperture part (123) is formed in the outer circumferential part of the valve main body (121) and supplies intake gas during idling. The second aperture part (124) is formed in the outer circumferential part of the valve main body (121) has a larger aperture area than the outflow side aperture part (123) and supplies intake gas for blipping.

No. of Pages: 62 No. of Claims: 6

(19) INDIA

(22) Date of filing of Application :05/06/2014

(21) Application No.4552/DELNP/2014 A

(43) Publication Date: 06/02/2015

(54) Title of the invention: LIQUID ACTIVATION SYSTEM

(51) International classification	:A61Q11/00,A61K8/44	(71)Name of Applicant:
(31) Priority Document No	:61/577572	1)COLGATE PALMOLIVE COMPANY
(32) Priority Date	:19/12/2011	Address of Applicant :300 Park Avenue New York New York
(33) Name of priority country	:U.S.A.	10022 U.S.A.
(86) International Application No	:PCT/US2012/070578	(72)Name of Inventor:
Filing Date	:19/12/2012	1)XU Guofeng
(87) International Publication No	:WO 2013/096427	2)MILLER Steven
(61) Patent of Addition to Application	:NA	3)GRONLUND Jennifer
Number	:NA	
Filing Date	,11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Described herein are systems for removing selected components e.g. stabilizing agents or preservatives from a liquid composition just prior to use using activated charcoal or an affinity matrix filter together with variant and alternative designs methods of making and using the product and components thereof.

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

(22) Date of filing of Application :05/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: METHOD AND DEVICE FOR SAMPLE 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 	:06/12/2012 :WO 2013/086183	(71)Name of Applicant: 1)CYTOVERA INC. Address of Applicant: 10 Hammond Pond Pkwy Unit 102 Chestnut Hill MA 02467 U.S.A. (72)Name of Inventor: 1)HUANG Lotien R.
(86) International Application No	:PCT/US2012/068233	(72)Name of Inventor:
Filing Date	:06/12/2012	1)HUANG Lotien R.
(87) International Publication No	:WO 2013/086183	
` '	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In accordance with an aspect of the present disclosure there is provided an apparatus for the processing of biological sample. The apparatus comprises a first sheet of material a second sheet of material bonded to the first sheet of material and a plurality of chambers defined between the first sheet of material and the second sheet of material the plurality of chambers including a sample dissociation chamber including an inlet and an outlet; a waste collection chamber including an inlet in fluid communication with the outlet of the sample dissociation chamber and a cell refinement chamber including an inlet in fluid communication with the sample dissociation chamber and an outlet.

No. of Pages: 100 No. of Claims: 35

(22) Date of filing of Application :05/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: ANALYSIS DEVICE ANALYSIS METHOD AND COMPUTER 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 	:G06F17/50 :2012081541 :30/03/2012 :Japan :PCT/JP2013/057090 :13/03/2013 :WO 2013/146279 :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)NIWA Toshiyuki 2)SUZUKI Noriyuki 3)HIWATASHI Shunji 4)TOYOKAWA Shin
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(57) Abstract:

An analysis device (1): generates on the basis of finite element model data material physical property data and stress distribution data first displacement distribution data which denotes a displacement distribution of a member arising from spring back; generates on the basis of the finite element model data and the material physical property data second displacement distribution data which denotes a displacement component of the member in each characteristic vibration deformation mode; derives a degree of matching between the first displacement distribution data and each second displacement distribution data; and selects one or a plurality of characteristic vibration deformation modes on the basis of the degree of matching.

No. of Pages: 58 No. of Claims: 9

(21) Application No.4555/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: SHEAR BAND WITH INTERLACED REINFORCEMENTS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International 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) NA Filing Date (13) NA Filing Date (14) PCT/US2011/06 (15) PCT/US2011/06 (16) PCT/US2011/06 (17) PCT/US2011/06 (17) PCT/US2011/06 (18) PCT/US2011/06	MICHELIN
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(57) Abstract:

A shear band that may be used e.g. in a non pneumatic tire is provided. The shear band uses interlaced reinforcing elements positioned within a shear layer of elastomeric material. A variety of configurations may be used to create the interlaced positioning of the reinforcing elements including e.g. a horizontal diamond or vertical diamond configuration.

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

(21) Application No.4556/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/06/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention: FLUID DISCHARGE VIBRATION DAMPING STRIPS FOR ACOUSTIC PROTECTION OF AIRCRAFT TURBOMACHINE FAN CASING

(51) International :F04D29/66,F02C7/045,B64D33/02

classification

(31) Priority Document No :11 61819 (32) Priority Date :16/12/2011 (33) Name of priority country: France

(86) International Application :PCT/FR2012/052938

No

:14/12/2012 Filing Date

(87) International Publication :WO 2013/088088

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

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

Filing Date

(71)Name of Applicant:

1)SNECMA

Address of Applicant: 2 boulevard du Gnral Martial Valin F

75015 Paris France (72)Name of Inventor: 1)ROFFI Guillaume

2)TRAN Julien

(57) Abstract:

The invention relates to an acoustic protection device (4) for an aircraft turbomachine fan casing comprising an acoustic protection panel (6) forming a shell ring sector centred on a central axis (2) the device also comprising one or more vibration damping strips (10) pressed firmly on one side against the exterior surface (6a) of the panel (6) and on the other side against an interior surface of the casing each damping strip (10) having two opposite edge faces (14) each having an upstream end and a downstream end which are spaced apart in the direction of the central axis (2). According to the invention at least one of the two opposite edge faces (14) of at least one of the damping strips (10) is shaped in such a way that the liquid present on this edge face can flow under gravity toward one/or the other of its upstream and downstream ends.

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

(22) Date of filing of Application :02/06/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: SYSTEM FOR INDUCTIVELY TRANSFERRING ELECTRIC ENERGY TO A VEHICLE USING CONSECUTIVE SEGMENTS

(51) International classification :B60L5/00,B60M7/00,B60M1/10 (71)Name of Applicant:

:09/11/2012

:WO 2013/068537

(31) Priority Document No :1119540.1 :10/11/2011 (32) Priority Date

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

(86) International Application :PCT/EP2012/072275

Filing Date

(87) International Publication

No

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)BOMBARDIER TRANSPORTATION GMBH

Address of Applicant : Schneberger Ufer 1 10785 Berlin

Germany

(72)Name of Inventor:

1)WORONOWICZ Konrad

2)CZAINSKI Robert 3) ANDERS Dominik 4)NIKLES Thomas

5)S-HNGEN Matthias

(57) Abstract:

The invention relates to a system for transferring electric energy to a vehicle (81) in particular to a track bound vehicle such as a light rail vehicle or to a road automobile wherein the system comprises an electric conductor arrangement for producing an alternating electromagnetic field and for thereby transferring the energy to the vehicle (81) the conductor arrangement comprises a plurality of consecutive segments (T1,T2,T3) wherein the segments (T1,T2,T3) extend along the path of travel of the vehicle (81) each segment (T1,T2,T3) comprising at least one alternating current line for carrying an alternating current in order to produce the alternating electromagnetic field the system comprises a current supply (4) for supplying electric energy to the segments (T1,T2,T3) the segments are electrically connected in parallel to each other to the current supply (4) for a sequence of consecutive segments a converter (K) is assigned and connected to each segment wherein the assigned converter (K) is connected to the current supply (4) and is adapted to convert a current carried by the current supply (4; 108) to an alternating current carried by the at least one alternating current line of the segment so that there is a sequence of assigned converters (K) for the corresponding sequence of consecutive segments (T1,T2,T3) each of the converters (K) of the sequence of assigned converters (K) is connected to a synchronization link (SL) for synchronizing operation of the sequence of assigned converters (K) the system is adapted to synchronize the sequence of assigned converters (K) in a manner so that the electromagnetic field produced by the sequence of consecutive segments is continuous at the interface or interfaces between the consecutive segments.

No. of Pages: 47 No. of Claims: 13

(22) Date of filing of Application :05/06/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: METHOD FOR OPERATING A WIND TURBINE OR A WIND FARM

(51) International classification :F03D9/00,F03D9/02,F03D7/04 (71)Name of Applicant :

:10 2011 088 313.4 (31) Priority Document No

(32) Priority Date :12/12/2011 (33) Name of priority country :Germany

(86) International Application No :PCT/EP2012/074900

Filing Date :10/12/2012 (87) International Publication No: WO 2013/087553

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)WOBBEN PROPERTIES GMBH

Address of Applicant: Dreekamp 5 26605 Aurich Germany

(72)Name of Inventor: 1)DE BOER Joachim

(57) Abstract:

The invention relates to a method for operating a wind turbine a wind farm or the like and a power to gas unit electrically connected thereto. The wind turbine or the wind farm generates electrical power when there is adequate wind and feeds the electrical power into an electric network connected to the wind turbine or to the wind farm. Each wind turbine is operated with a predetermined power curve. Electrical power is generated by the wind turbine or the wind farm once a first wind velocity (start wind) is reached. The wind turbine or the wind farm is in partial load operation as long as the wind velocity lies between the first wind velocity (start wind) and a second wind velocity (nominal wind). The wind turbine or the wind farm is in a nominal power range if the wind velocity lies in a range that is greater than the second wind velocity (nominal wind velocity). Electrical power generated by the wind turbine or the wind farm preferably at least a predetermined part thereof is consumed in the power to gas unit such that a combustible gas in particular hydrogen and/or methane gas or the like is produced in the power to gas unit. The portion of the electrical power that the wind turbine or the wind farm generates in partial load operation and that is not consumed in the power to gas unit is set nearly constant for a predetermined time period for example 10 minutes or more for example 1 hour.

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

(22) Date of filing of Application :03/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: PANEL JOINING STRUCTURE AND PANEL JOINING 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 	:28/12/2011 :WO 2013/099018	(71)Name of Applicant: 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant: 1 Toyota cho Toyota shi Aichi 4718571 Japan (72)Name of Inventor: 1)GOTO Toshihiro
	:WO 2013/099018 :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The problem addressed by the present invention is inhibiting the dripping down or scraping off of adhesive when a part to be joined and a part to be joined with are bonded. This panel joining structure (10) is provided with a first panel (18) having a step part (26) extending in a direction that crosses a vertical direction and a joining part (28) extending upward in the vertical direction from one end part of the step part (26) in that crossing direction and a second panel (14) having a facing part (36) that extends in that crossing direction and also is made to overlap the step part (26) on the upward vertical direction side a part (38) to be joined that extends in the upward vertical direction from one end part of the facing part (36) in that crossing direction and is joined to the joining part (28) by adhesion and welding and a downward part (40) that extends downward in the vertical direction from the other end of the facing part (36) in that crossing direction.

No. of Pages: 24 No. of Claims: 4

(10) 7.77.

(43) Publication Date : 06/02/2015

(21) Application No.4468/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/06/2014

(51) International classification	:G01S13/78	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SAAB AB
(32) Priority Date	:NA	Address of Applicant :S 581 88 Linkping Sweden
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:PCT/SE2011/051533	1)LUNDQVIST Anders
Filing Date	:16/12/2011	2)KENSING Vibeke
(87) International Publication No	:WO 2013/089606	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
/==\ .11		1

(57) Abstract:

The invention relates to a method for decision support of a combat object (1) in a combat situation comprising the steps of: a) detecting (3) an enemy object (2) such that a plurality of characteristic parameters of the enemy object (2) is determined b) calculating (4) at least one quality factor for at least one combat sensor of the combat object (1) wherein each quality factor is adapted for indicating identification ability of a combat sensor and calculating (4) at least one signature factor for at least one enemy sensor of the enemy object (2) based on a predetermined model wherein each signature factor is adapted for indicating identification ability of an enemy sensor c) allocating (5) each quality factor calculated in the previous step b) to each combat sensor and allocating (5) each signature factor calculated in the previous step b) to each enemy sensor and d) controlling (6) each combat sensor against the enemy object (2) based on the result of the previous step c). In this way support for the pilot on a target oriented basis is provided in order to make a quick and efficient decision in a combat situation.

No. of Pages: 11 No. of Claims: 9

(22) Date of filing of Application :03/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: TERMINAL FITTING

(51) International classification	:H01R4/18,H01R4/62	(71)Name of Applicant :
(31) Priority Document No	:2011271012	1)AUTONETWORKS TECHNOLOGIES LTD.
(32) Priority Date	:12/12/2011	Address of Applicant :1 14 Nishisuehiro cho Yokkaichi shi
(33) Name of priority country	:Japan	Mie 5108503 Japan
(86) International Application No	:PCT/JP2012/080681	2)SUMITOMO WIRING SYSTEMS LTD.
Filing Date	:28/11/2012	3)SUMITOMO ELECTRIC INDUSTRIES LTD.
(87) International Publication No	:WO 2013/088952	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)AIZAWA Takeshi
Number	:NA	2)MORIKAWA Satoshi
Filing Date	.11/11	3)UCHIYAMA Yoshihiro
(62) Divisional to Application Number	:NA	4)TAKEDA Kazuaki
Filing Date	:NA	5)TONOSAKI Takashi

(57) Abstract:

The objective of the present invention is to provide a terminal fitting that eliminates core wire breakage and is less affected by springback. The terminal fitting (20) is crimped to an aluminum conductor wire having a core wire (12) resulting from a plurality of single wires (11) being combined. The terminal fitting (20) is provided with: a bottom plate section (22) at which the core wire (12) is carried; and a pair of barrel pieces (25L,25R) that are crimped to the core wire (12) and are connected to the bottom plate section (22) in a manner so as to encircle the core wire (12) carried at the bottom plate section (22). At the tip sections of the barrel pieces (25L,25R) are respectively formed overlapped sections (24L,24R) at which the plate members forming the barrel pieces (25L,25R) are folded back and overlapped. When the barrel pieces (25L,25R) are clinched/crimped to the core wire (12) the overlapped sections (24L,24R) contact each other without coming between the single wires (11).

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

(22) Date of filing of Application :05/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: PLANT GROWTH PROMOTING MICROBES AND USES 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 	:61/570237 :13/12/2011 :U.S.A. :PCT/US2012/069579 :13/12/2012 :WO 2013/090628 :NA :NA	(71)Name of Applicant: 1)MONSANTO TECHNOLOGY LLC Address of Applicant:800 North Lindbergh Blvd. St. Louis MO 63167 U.S.A. (72)Name of Inventor: 1)BULLIS David T. 2)GRANDLIC Christopher J. 3)MCCANN Ryan 4)KEROVUO Janne S.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Microbial strains compositions and methods of use thereof to enhance the growth and/or yield of a plant are provided. Also provided are materials and methods for presenting inhibiting or treating the development of plant pathogens or phytopathogenic diseases. The disclosure also provides non naturally occurring plant and derivatives thereof such as plants artificially infected with a microbial strain of the invention.

No. of Pages: 71 No. of Claims: 24

(22) Date of filing of Application :05/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: SYSTEMS AND METHODS OF AUTOMATIC GENERATION AND EXECUTION OF DATABASE QUERIES

(57) Abstract:

There is thus provided in accordance with a preferred embodiment of the present invention a system for automatically generating and executing database queries the system including a user interface operative to allow a user to select at least one selected predefined database report from a list of predefined database reports and automatic database query generation functionality operative to automatically generate a database query corresponding to the at least one selected predefined database report the database query including at least one predefined combinable page.

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

(22) Date of filing of Application :05/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention : NOVEL LUMINESCENT LANTHANIDE CHELATES WITH ENHANCED EXCITATION PROPERTIES

(51) International classification :C09K11/06,G01N33/58,C07D213/40

(31) Priority Document No :PA 2011 00996

(32) Priority Date :22/12/2011
(33) Name of priority

(33) Name of priority country :Denmark

(86) International PCT/EP2012/076618
Application No

Filing Date :21/12/2012

(87) International Publication No :WO 2013/092992

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

Filing Date
(62) Divisional to
Application Number
Filing Date

SNA
:NA

(71)Name of Applicant: 1)DHR FINLAND OY

Address of Applicant :Biolinja 12 FI 20750 Turku Finland

(72)Name of Inventor: 1)MELTOLA Niko 2)SUND Henri 3)TAKALO Harri

(57) Abstract:

The present application discloses a luminescent lanthanide chelate comprising one or more chromophoric moieties of the formula (I) or of the formula (III) wherein R R and R each independently are selected from carbon containing substituents forming a C O bond with the neighbouring oxygen atom R and R each represent a bond between the chromophoric moiety and other moieties of the chelate and Ln is a lanthanide ion as well as the corresponding luminescence lanthanide chelating ligand. The application also discloses a detectable molecule comprising a biospecific binding reactant (such as an antibody) conjugated to the luminescent lanthanide chelate as well as a method of carrying out a biospecific binding assay the use of such a detectable molecule in a specific bioaffinity based binding assay utilizing time resolved fluorometric determination of a specific luminescence and a solid support material conjugated with the luminescent lanthanide chelate.

No. of Pages: 59 No. of Claims: 14

(21) Application No.4575/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/06/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: INTERNAL COMBUSTION ENGINE

(51) International :F02D29/02,F02B33/00,H01M8/00 classification

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

(33) Name of priority country :NA

(86) International Application :PCT/JP2011/006900

:09/12/2011 Filing Date

(87) International Publication :WO 2013/084273

No

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

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)TOYOTA JIDOSHA KABUSHIKI KAISHA

Address of Applicant: 1 Toyota cho Toyota shi Aichi 4718571

(72) Name of Inventor:

1)NAKAO Hidefumi

2)SUGANUMA Hiroyuki 3)YAMAMOTO Kohsuke

(57) Abstract:

An embodiment of the present invention provides an internal combustion engine (10) provided with: a system (84) for automatically stopping the internal combustion engine (10) when a predetermined stopping condition is satisfied and for automatically restarting the internal combustion engine (10) when a predetermined restart condition is later satisfied; a turbo charger (24) provided with a compressor (28) disposed in an intake channel (16) and a turbine (26) disposed in an exhaust channel (18); and a generator apparatus (40) including a generator body unit (42) in which an air introduction channel (44) connected to the intake channel so as to introduce air via the compressor is connected to a gas discharge channel (50) connected to the exhaust channel so as to supply gas to the turbine. The generator apparatus (40) is configured to operate at least when the internal combustion engine is stopped by the system (84).

No. of Pages: 35 No. of Claims: 11

(21) Application No.4576/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: NOVEL BACTERIOPHAGES

(51) International classification :C12N7/00,A61P31/02,A61P31/04 (71)Name of Applicant :
(31) Priority Document No :1119167.3 1)NOVOLYTICS LIMITED
(32) Priority Date :07/11/2011 Address of Applicant :Sumner

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

(86) International Application :PCT/GB2012/052770

Filing Date :07/11/2012

(87) International Publication :WO 2013/068743

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

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

(57) Abstract :

1)NOVOLYTICS LIMITED
Address of Applicant :Sumner House St Thomass Road
Chorley Lancashire PR7 1HP U.K.
(72)Name of Inventor:
1)JIA Ying

The present invention provides a bacteriophage with effective antibacterial activity against Staphylococcus strains and in particular MRSA. There is also provided a pharmaceutical composition comprising said bacteriophage and a method of treating a bacterial infection using a composition comprising said bacteriophage.

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

(21) Application No.4578/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/06/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention: TITANIUM OXIDE CONTAINING ALUMINIUM OXIDE PARTICLES BASED ON CORUNDUM MELTED IN AN ELECTRIC ARC FURNACE FROM CALCINED ALUMINA AND A METHOD FOR THE PRODUCTION THEREOF

(51) International classification: C01F7/38.C09K3/14.C04B35/111 (71)Name of Applicant:

(31) Priority Document No :10 2011 087 147.0 (32) Priority Date :25/11/2011

(33) Name of priority country :Germany

(86) International Application :PCT/EP2012/073471

No

:23/11/2012

Filing Date

(87) International Publication :WO 2013/076249

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

Filing Date (62) Divisional to Application :NA Number

:NA Filing Date

1)CENTER FOR ABRASIVES AND REFRACTORIES RESEARCH AND DEVELOPMENT C.A.R.R.D. GMBH

Address of Applicant : Seebacher Allee 64 A 9524 Villach St.

Magdalen Austria

(72)Name of Inventor:

1)SACHSE Sebastian

2)BOERGER Andreas

3)KRAL Alexander

(57) Abstract:

The present invention relates to titanium oxide containing aluminium oxide particles based on corundum melted in an electric arc furnace from calcined alumina. The particles have an aluminium oxide content of > 97.0 % by weight a titanium oxide content of between 1.3 and 1.8 % by weight and a zirconium oxide content of between 0.02 and 0.1 % by weight. The aluminium oxide particles have an arithmetic mean compactness of < 0.8.

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

(21) Application No.4506/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :04/06/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention: APPARATUS AND METHOD FOR CONTROLLING A DOWNHOLE DEVICE

(51) International :E21B21/10,E21B23/00,E21B34/10

classification

(31) Priority Document No :1120448.4 (32) Priority Date :28/11/2011 (33) Name of priority country: U.K.

(86) International Application :PCT/GB2012/052928

:28/11/2012 Filing Date

(87) International Publication :WO 2013/079929

No

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

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

Number :NA Filing Date

(71)Name of Applicant:

1)OILSCO TECHNOLOGIES LIMITED

Address of Applicant :109 Holburn Street Aberdeen AB10

6BO U.K.

(72)Name of Inventor:

1)MACHOCKI Krzysztof

(57) Abstract:

Apparatus for controlling a downhole device in a well has a body with a control slot and pin movable in the slot. The slot has a first inactive loop in which the pin can cycle between different idling configurations and a second active loop in which the pin can move between different configurations which correspond to active and inactive configurations of the downhole device. The pin can be switched between the first and second loops and can cycle between the different configurations within without switching between the different loops. The slot can be provided on a piston and the axial movement of the piston in the bore can drive the relative movement of the pin and the slot.

No. of Pages: 62 No. of Claims: 36

(22) Date of filing of Application :04/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: REDUCTION OF GALECTIN 3 LEVELS BY PLASMAPHERESIS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G01N33/53 :61/568210 :08/12/2011 :U.S.A. :PCT/US2012/057749 :28/09/2012 :WO 2013/085604 :NA :NA	(71)Name of Applicant: 1)ELIAZ Isaac Address of Applicant: 721 Jonive Road Sebastopol California 95472 U.S.A. (72)Name of Inventor: 1)ELIAZ Isaac
Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention is directed to the removal of serum gal 3 from circulation by plasmapheresis using gal 3 binding agents in either a fixed bed or in a form easily removed such as by being complexed with magnetic particles. This method on its own brings a sharp reduction and relief from the inflammation and fibroses that can be induced by circulating gal 3. The process may be combined with the administration of gal 3 binding agents such as modified citrus pectin to further lower unbound gal 3 levels to the point where gal 3 in the tissues may be addressed. This method may also be combined with removal of TNF receptors to provide an effective treatment for cancer.

No. of Pages: 30 No. of Claims: 23

(22) Date of filing of Application :04/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: TEMPERATURE CONTROL OF GLASS RIBBONS DURING FORMING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 		(71)Name of Applicant: 1)CORNING INCORPORATED Address of Applicant: 1 Riverfront Plaza Corning New York 14831 U.S.A. (72)Name of Inventor:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:28/11/2012 :WO 2013/082067 :NA	1)FOURNEL Olivier
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A method of cooling a glass ribbon formed using a fusion draw process. The method includes forming a glass ribbon using the fusion draw process. The glass ribbon once formed passes vertically through a glass transition temperature region. The glass ribbon is directed through a protective plenum at least partially located in a bottom of the draw region. A gas is directed into the protective plenum and vertically along a broad surface of the glass ribbon. The gas is directed out of the protective plenum through at least one outlet slot formed through a sidewall of the protective plenum at no less than about 100 Nm3/h.

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

(21) Application No.4509/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :04/06/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention : METHOD FOR RESHAPING A TURBOMACHINE BLADE THAT HAS AT LEAST ONE ZONE THAT HAS BECOME DEFORMED USING PEENING

(51) International classification	:B23P6/00,F01D5/00,F01D5/34	(71)Name of Applicant:
(31) Priority Document No	:1161272	1)SNECMA
(32) Priority Date	:07/12/2011	Address of Applicant :2 boulevard du Gnral Martial Valin F
(33) Name of priority country	:France	75015 Paris France
(86) International Application No	:PCT/FR2012/052811	(72)Name of Inventor:
Filing Date	:05/12/2012	1)DERRIEN Grard
(87) International Publication No	:WO 2013/083918	
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.11/2	

(57) Abstract:

Method for reshaping a turbomachine blade (2) comprising at least one deformed zone (Z) the method involving acquisition of a profile of said blade comparing said profile against a reference profile in order therefrom to deduce at least one deformed zone (Zj) of the blade (2) comparing the deformed zone (Zj) against a deformation database (7) containing a plurality of deformed zones (Zj) each respectively associated with a plurality of settings (Pj) for a peening device (3) determining the setting (Pj) associated with said deformed zone (Zj) and peening the deformed zone (Zj) of the blade (2) using the peening device (3) on the basis of said determined setting (Pj) so as to restore said zone (Z) to the proper shape.

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

(21) Application No.4604/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/06/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention : HERBICIDAL COMPOSITION CONTAINING CERTAIN PYRIDINE CARBOXYLIC ACIDS AND (2,4-DICHLOROPHENOXY)

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A01N43/40,A01N25/32 :61/567419 :06/12/2011 :U.S.A. :PCT/US2012/067937 :05/12/2012 :WO 2013/085988 :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)OVALLE Daniel 2)CARRANZA GARZON Nelson M. 3)ROJAS CALVO Carlos E. 4)PANIAGUA Leonardo 5)REICHERT Alberto 6)MASTERS Robert A.
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(57) Abstract:

Herbicidal compositions comprising 4-amino-3-chloro-6-(4-chloro-2-iluoro-3-methoxyphenyl)pyridine-2-carboxylic acid (I) or a derivative thereof and 2,4-D or a derivative thereof.

No. of Pages: 27 No. of Claims: 25

(21) Application No.4488/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/06/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: A FAN ASSEMBLY

(51) International classification :F04D25/08,F04F5/16,F04F5/46 (71)Name of Applicant :

(31) Priority Document No :1120268.6 (32) Priority Date :24/11/2011

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

(86) International Application No: PCT/GB2012/052743

Filing Date :05/11/2012 (87) International Publication No: WO 2013/076454

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)DYSON TECHNOLOGY LIMITED

Address of Applicant :Intellectual Property Department Dyson Technology Limited Tetbury Hill Malmesbury Wiltshire SN16 ORP U.K.

(72)Name of Inventor:

1)POULTON Roy 2)DAVIS Alan

3)HODGETTS Joseph

(57) Abstract:

A nozzle for a fan assembly includes an air inlet an air outlet an interior passage for conveying air from the air inlet to the air outlet an annular inner wall and an outer wall extending about the inner wall. The interior passage is located between the inner wall and the outer wall. The inner wall at least partially defines a bore through which air from outside the nozzle is drawn by air emitted from the air outlet. A flow control port is located downstream from the air outlet. A flow control chamber is provided for conveying air to the flow control port. A control mechanism selectively inhibits a flow of air through the flow control port to deflect an air flow emitted from the air outlet.

No. of Pages: 38 No. of Claims: 22

(19) INDIA

(22) Date of filing of Application :03/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: OIL PUMP FOR VEHICLE AND VEHICLE WITH 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 	:F04C2/08 :2011266236 :05/12/2011 :Japan :PCT/IB2012/002534 :29/11/2012 :WO 2013/084039 :NA :NA :NA	(71)Name of Applicant: 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant: 1 Toyota cho Toyota shi Aichi ken 471 8571 Japan 2)AISIN AW CO. LTD. (72)Name of Inventor: 1)OBATA Tatsuo 2)KIMURA Hiromichi 3)KUWAHARA Takeshi 4)KITAGAWA Katsuhide 5)MORISAWA Kunio 6)SENO Masamitsu 7)YATA Hirotaka 8)ATARASHI Tomoo
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(21) Application No.4489/DELNP/2014 A

(57) Abstract:

A plate is interposed between a rear cover and a pump body. The pump chamber is formed between the plate and the pump body.

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

(22) Date of filing of Application :06/06/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention : MECHANICAL SYSTEM COMPRISING A WEAR PART AND A SUPPORT AND A BUCKET COMPRISING AT LEAST ONE SUCH MECHANICAL SYSTEM

(51) International classification (31) Priority Document No	:E02F9/28 :1161353	(71)Name of Applicant : 1)SAFE METAL
(32) Priority Date	:08/12/2011	Address of Applicant :2 place de Francfort F 69003 Lyon
(33) Name of priority country	:France	France
(86) International Application No	:PCT/EP2012/074860	(72)Name of Inventor:
Filing Date	:07/12/2012	1)MARCHAND Fabrice
(87) International Publication No	:WO 2013/083812	
(61) Patent of Addition to Application NumberFiling Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a mechanical system (1) comprising a wear part (10) and a support (20) which belong to the equipment of a construction machine. The support (20) comprises a base (22) a nose (30) which extends from the base (22) along a main axis (X30) and to each side of the base (22) a housing (24) for receiving a lug belonging to the wear part (10). The mechanical system (1) is characterised in that the nose (30) comprises a first area (40) which is located in the vicinity of the proximal end (31) of the nose (30) and which comprises at least six planar faces arranged in opposite pairs delimiting sections of a first type and a second area (80) which is located in the vicinity of the distal end (33) of the nose (30) and which comprises at least six planar faces arranged in opposite pairs delimiting sections of a second type each planar face of the second area (80) being less inclined relative to the main axis (X30) than the planar face of the first area (40) which is located in the extension of said planar face in the proximal direction (D31).

No. of Pages: 29 No. of Claims: 10

(21) Application No.4616/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/06/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: MEDICAL TUBING DETECTION AND MANAGEMENT

(51) International classification :A61J1/20,A61J1/22,A61M39/08 (71)Name of Applicant:

(31) Priority Document No :13/296883 :15/11/2011 (32) Priority Date

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

(86) International Application :PCT/US2012/065154

No :15/11/2012 Filing Date

(87) International Publication No:WO 2013/074717

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)SMITHS MEDICAL ASD INC.

Address of Applicant :160 Weymouth Street Rockland MA

02370 U.S.A.

(72)Name of Inventor: 1)ADAMS Grant 2)WILKOWSKE Eric

(57) Abstract:

An illuminated medical tubing set that provides visual indications of characteristics relating to the type and operating status of the tubing. An illuminated tubing set system includes an optical element a fluid conduit and a power source. A system for medical tubing detection and management includes an infusion manifold housing having at least one fluid channel therethrough. At least one fluid input port can be provided in the infusion manifold housing and the at least one fluid input port can be configured to (i) connect fluidically to illuminated medical tubing and (ii) be in fluidic communication with the at least one fluid channel through the infusion manifold housing. A fluid output port can be provided in the infusion manifold housing and the fluid output port could be configured to be in fluidic communication with the at least one fluid channel through the infusion manifold housing. At least one photosensor can be provided in the infusion manifold housing and the at least one photosensor can be configured to receive light from the illuminated medical tubing that is connected to the at least one fluid input port; and the fluid output port can be configured to connect fluidically to fluid output tubing.

No. of Pages: 41 No. of Claims: 39

(22) Date of filing of Application :06/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: TRACERS AND METHOD OF MARKING HYDROCARBON LIQUIDS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:1120924.4 :06/12/2011 :U.K.	(71)Name of Applicant: 1)JOHNSON MATTHEY PUBLIC LIMITED COMPANY Address of Applicant:5th floor 25 Farringdon Street London EC4A 4AB U.K. (72)Name of Inventor: 1)MCCALLIEN Duncan William John 2)EDWORTHY Ian Stuart 3)CROUD Vincent Brian
Number	*- *-	S)CROOD VINCENT BITAIN
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention concerns a method of marking a hydrocarbon liquid comprising the step of adding to said liquid, as a tracer compound, a compound of Formula I: wherein, each X is independently selected from the group consisting of a hydrogen atom, a bromine atom, a fluorine atom, a partially or fully halogenated alkyl group, a linear, branched or cyclic C i-C20 alkyl group and a phenyl group substituted with one or more halogen atoms, an alkyl group or a halogenated alkyl group; each Y is independ o ently selected from the group consisting of a bromine atom, a fluorine atom, a partially or fully halogenated alkyl group, a branched or cyclic C 1 alkyl group and a phenyl group substituted with at least one alkyl group and/or a halogenated alkyl group; Z is selec o ted from the group consisting of (i) a phenyl group substituted with one or more halogen atoms, an aliphatic group or a halogenated aliphatic group, (ii) a partially or fully halogenated alkyl group or (iii) a linear, branched or cyclic C 1-C20 alkyl group with the pro viso that when each Y is a fluorine atom, Z is not a linear or branched C1-C20 alkyl group.

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

(21) Application No.4606/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/06/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention: ORTHOPEDIC IMPLANT AUGMENTS

(51) International classification(31) Priority Document No(32) Priority Date	:A61F2/30,A61F2/28,A61B17/70 :61/567971 :07/12/2011	(71)Name of Applicant: 1)SMITH & NEPHEW INC. Address of Applicant: 1450 Brooks Road Memphis TN 38116
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No Filing Date (87) International Publication	:PCT/US2012/068219 :06/12/2012 :WO 2013/086172	 (72)Name of Inventor: 1)SHEA Jeffrey J. 2)QUINN Nathaniel M. 3)GOLDBERG Daniel R.
No	.WO 2013/080172	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Systems methods and devices are described for providing orthopedic implant augments having fastener locking mechanisms. The augments include a surface for mating with an implant component and a surface for interfacing with a patient s bone. The fastener locking mechanisms are aligned such that the augment may be locked in a variety of orientations while maintaining close contact with both an implant and a patient s bone. The alignment of the locking mechanisms provides variability and adjustability to the augment to address a variety of bone anatomies and requirements.

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

(22) Date of filing of Application :06/06/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention : METHOD OF FOAMING POLYOLEFIN USING ACRYLATED EPOXIDIZED FATTY ACID AND FOAM PRODUCED 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 	:C08J9/00,C08J9/12 :13/308608 :01/12/2011 :U.S.A. :PCT/US2012/067260 :30/11/2012 :WO 2013/082403 :NA :NA	(71)Name of Applicant: 1)SEALED AIR CORPORATION (US) Address of Applicant: 200 Riverfront Boulevard Elmwood Park NJ 07407 U.S.A. (72)Name of Inventor: 1)CASSIDY Edward F. 2)MAHON William J. 3)RAMESH Natarajan S. 4)VADHAR Parimal M.
(62) Divisional to Application Number Filing Date	:NA :NA	
(57) A1		

(57) Abstract:

The presently disclosed subject matter relates generally to method of producing thermoplastic foam from a blend of polyolefin and acrylated epoxidized fatty acid using a phsyical blowing agent. Specifically the presently disclosed subject matter includes embodiments wherein the acrylated epoxidized fatty acid is added to the polyolefin resin in an amount of from about 0.1 % to about 10% based on the total weight of the resin. The presently disclosed subject matter also includes the foam produced by the disclosed method.

No. of Pages: 39 No. of Claims: 15

(19) INDIA

(22) Date of filing of Application :06/06/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: ORAL CARE WHITENING COMPOSITIONS

(51) International

:A61Q11/00,A61K8/81,A61K8/891

classification (31) Priority Document No

:PCT/US2011/066087

(32) Priority Date

:20/12/2011

(33) Name of priority country: U.S.A. (86) International Application :PCT/US2012/070238

Filing Date

:18/12/2012

:NA

(87) International Publication No

:WO 2013/096245

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

Filing Date

(62) Divisional to Application :NA

Number Filing Date (71)Name of Applicant:

1)COLGATE PALMOLIVE COMPANY

(21) Application No.4608/DELNP/2014 A

Address of Applicant :300 Park Avenue New York New York

10022 U.S.A.

(72)Name of Inventor:

1)BOYD Thomas

2)ONTUMI Dennis

3)MANDADI Prakasarao

4)CHOPRA Suman

5)NESTA Jason

6)PIMENTA Paloma

(57) Abstract:

Described herein are whitening compositions comprising a peroxide source and an adhesion system comprising a hydrophobic component comprising a silicone adhesive; and a dental surface adhesion enhancing agent which are physically stable and effectively provide whitening. Methods of making and using these compositions are also described herein.

No. of Pages: 18 No. of Claims: 32

(10) 7.77.

(21) Application No.4609/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: VEHICLE FOR A MAGNETIC LEVITATION TRACK

(51) International classification	:B60L13/10,B61B13/08	(71)Name of Applicant:
(31) Priority Document No	:102011056180.3	1)MAX B-GL BAUUNTERNEHMUNG GMBH & CO. KG
(32) Priority Date	:08/12/2011	Address of Applicant :Max Bgl Strae 1 92369 Sengenthal
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2012/074745	(72)Name of Inventor:
Filing Date	:07/12/2012	1)B-GL Stefan
(87) International Publication No	:WO 2013/083755	
(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 vehicle for a magnetic levitation track having a coach body (1) and a propulsion and supporting device (4) as well as at least one levitation frame (2) fastened on the coach body (1) and the propulsion and supporting device (4). The levitation frame (2) can be deflected transversely to the longitudinal axis of the propulsion and supporting device (4) and a spring suspension system (12,14,20,21) is arranged between the levitation frame (2) and propulsion and supporting device (4). The levitation frame (2) has a traverse (13) and a carrier (17) which are connected to each other in an articulated fashion.

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

(21) Application No.4518/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :04/06/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention : TYRE COMPRISING A COMPOSITION ESSENTIALLY FREE OF GUANIDINE DERIVATIVE AND COMPRISING A PRIMARY AMINE

(51) International classification(31) Priority Document No(32) Priority Date	:C08K5/17,B60C1/00,C08L9/06 :1162181 :21/12/2011	1)COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN
(33) Name of priority country	:France	Address of Applicant :12 Cours Sablon F 63000 Clermont
(86) International Application No		Ferrand France
Filing Date	:17/12/2012	2)MICHELIN RECHERCHE ET TECHNIQUE S.A.
(87) International Publication No	:WO 2013/092523	(72)Name of Inventor :
(61) Patent of Addition to	:NA	1)DARNAUD Christelle
Application Number	:NA	2)LONGCHAMBON Karine
Filing Date	.IVA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention therefore relates to a tyre comprising a rubber composition based on at least one diene elastomer a reinforcing filler predominantly comprising silica a crosslinking system said composition being essentially free of guanidine derivative and also comprising a primary amine of formula (I): R NH (I) in which R represents a linear or branched hydrocarbon based group comprising from 8 to 24 carbon atoms.

No. of Pages: 36 No. of Claims: 27

(22) Date of filing of Application :04/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention : THREADED TUBULAR COMPONENT AND METHOD FOR COATING SUCH A THREADED TUBULAR COMPONENT

(51) International classification :C10M169/04,F16L57/06,F16L58/04

(31) Priority Document No :11/04148

(32) Priority Date :29/12/2011

(33) Name of priority country :France

(86) International :PCT/FR2012/000541

Application No
Filing Date

Section 17 R201
Section 17 R201
Section 17 R201

(87) International Publication No :WO 2013/098490

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

Filing Date
(62) Divisional to
Application Number
Filing Date

INA
:NA
:NA

(71)Name of Applicant:

1)VALLOUREC OIL AND GAS FRANCE

Address of Applicant :54 rue Anatole France F 59620 Aulnoye

Avmeries France

2)NIPPON STEEL & SUMITOMO METAL

CORPORATION (72)Name of Inventor:

1)GARD Eric

2)GOUIDER Mohamed

3)PETIT Mikael 4)PINEL Eliette

(57) Abstract:

The subject matter of the invention is a tubular element intended for drilling and/or operating hydrocarbon wells having one end (1; 2) comprising at least one threaded area (3; 4) characterised in that the end (1; 2) is at least partially coated with a dry film (12) comprising a matrix (13) including a mixture of at least one alkali polysilicate and at least one semi crystalline thermoplastic organic polymer. The invention also relates to a method for producing a dry film (12) comprising a matrix (13) including a mixture of at least one alkali polysilicate and at least one semi crystalline thermoplastic organic polymer on such a tubular element intended for drilling and/or operating hydrocarbon wells.

No. of Pages: 31 No. of Claims: 25

(21) Application No.4620/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/06/2014

(43) Publication Date: 06/02/2015

1)PETRUSO Ronald T.

(54) Title of the invention: PRODUCTION OF BIOFUEL FROM TOBACCO PLANTS

(51) International classification :C10G3/00,C10L1/02,C11B1/10 (71)Name of Applicant : (31) Priority Document No 1) DELAWARE VALLEY COLLEGE OF SCIENCE & :61/567107 (32) Priority Date :05/12/2011 **AGRICULTURE** (33) Name of priority country Address of Applicant: 700 East Butler Avenue Doylestown :U.S.A. (86) International Application No: PCT/US2012/067687 Pennsylvania 18901 U.S.A. Filing Date :04/12/2012 (72)Name of Inventor:

(87) International Publication No :WO 2013/085870
(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to Application

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

(57) Abstract:

A method of producing biofuel from tobacco biomass including solvent extraction of the tobacco biomass with methyl acetate or ethyl acetate transesterification of the oil obtained from the biomass and separation of the biofuel from the transesterified product. Excellent yields of biofuel based on the weight of the biomass are obtained.

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

(21) Application No.4621/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/06/2014 (43) Publication Date: 06/02/2015

:NA

:NA

(54) Title of the invention: AN AEROSOL GENERATING DEVICE WITH A CAPILLARY INTERFACE

(51) International classification :A24F47/00,A61M15/06 (71)Name of Applicant : (31) Priority Document No 1)PHILIP MORRIS PRODUCTS S.A. :11192697.8 (32) Priority Date Address of Applicant : Ouai Jeanrenaud 3 CH 2000 Neuchatel :08/12/2011 (33) Name of priority country :EPO Switzerland (86) International Application No (72)Name of Inventor: :PCT/EP2012/074513 Filing Date :05/12/2012 1)DUBIEF Flavien (87) International Publication No :WO 2013/083634 (61) Patent of Addition to Application :NA Number :NA

(62) Divisional to Application Number Filing Date

(57) Abstract:

Filing Date

There is provided an aerosol generating device comprising a storage portion (113,501) for storing aerosol forming substrate (115,505). The device comprises: a vaporizer (119,509) for heating the aerosol forming substrate (115,505) a capillary material (117,507) for conveying the liquid aerosol forming substrate (115,505) from the storage portion (113,501) towards the vaporizer (119,509) by capillary action and a porous material (201,301,405,511) between the capillary material (117,507) and the vaporizer (119,509).

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

(21) Application No.4622/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/06/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention : SYSTEM FOR PROCESSING BATTERY PLATES AND ARRANGEMENT THEREOF IN THE PROVIDED BATTERY HOUSING

(51) International :H01M10/14,H01M10/16,H01M10/04

classification

(31) Priority Document No :10 2011 118 092.7 (32) Priority Date :10/11/2011

(33) Name of priority country :Germany

(86) International :PCT/DE2012/001072

Application No :PC1/DE2012/0010/2

Filing Date .08/11/2012

(87) International Publication No :WO 2013/067993

(61) Patent of Addition to Application Number :NA

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

(71)Name of Applicant:

1)SASIT INDUSTRIETECHNIK GMBH

Address of Applicant : Kopernikusstrasse 58 08056 Zwickau

Germany

(72)Name of Inventor: 1)MEIER Jochen

2)FRIEDENBERGER Andr"

(57) Abstract:

The invention relates to a system for processing battery plates and arrangement thereof in the battery housing comprising transportation apparatuses and individual processing stations such as insertion stations tin bath lead casting station wherein the battery plates which are to be processed are arranged as plate stacks in a plurality of clamping cassettes which are provided for this purpose for processing wherein the clamping cassettes which are equipped with the plate stacks are arranged in a vertically oriented transportation apparatus (1) which rotates in a circle in this position and the individual processing stations (2.1 2.n) are arranged at the top at the bottom and/or laterally outside the transportation apparatus which rotates in a vertically oriented circular movement and such that they can be supplied from there to the clamping cassette which is positioned in each case in the position of the processing station (2.1 2.n).

No. of Pages: 23 No. of Claims: 6

(22) Date of filing of Application :03/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: SYSTEMS AND METHODS FOR PROCESSING CELLS

(51) International classification	:A61B10/00	(71)Name of Applicant :
(31) Priority Document No	:61/557127	1)AUXOCELL LABORATORIES INC.
(32) Priority Date	:08/11/2011	Address of Applicant :71 Grove St. Chestnut Hill MA 02467
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/064130	(72)Name of Inventor:
Filing Date	:08/11/2012	1)TAGHIZADEH Rouzbeh R.
(87) International Publication No	:WO 2013/070899	2)MEADE John
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1171	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention efficiently and cost effectively extracts and collects cells from a tissue. The inventors have discovered that the tissue can be effectively fragmented and the resulting cells can be purified using a system or kit with multiple components. An advantage of the present invention is that tissue processing takes place in a closed system such that sterility can be maintained throughout the process even if certain components are removed during processing for example through the use of valves clamps and heat seals. Furthermore any or all of the steps can be automated or manually accomplished according to the specific needs of the application or the user.

No. of Pages: 44 No. of Claims: 50

(22) Date of filing of Application :03/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention : COMPOSITE BODY SUPPORT MEMBER AND METHODS FOR THE MANUFACTURE AND RECYCLING 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 	:05/12/2012 :WO 2013/085945 :NA :NA	(71)Name of Applicant: 1)HERMAN MILLER INC. Address of Applicant: 855 East Main Avenue Zeeland MI 49464 U.S.A. (72)Name of Inventor: 1)SCHMITZ Johann Burkhard 2)PLIKAT Claudia 3)ZWICK Carola E.M. 4)ZWICK Roland R.O. 5)KURRASCH Andrew
Filing Date	:NA	

(57) Abstract:

A body support structure includes a molded polymeric support grid having a three dimensional molded contour. The support grid includes a body support region having a plurality of through openings separated by a plurality of lands. In one embodiment an area of the openings is greater than an area of the lands. In another embodiment the ratio of a surface area of the lands relative to an area defined by an outer peripheral edge is less than or equal to 0.74. A fabric layer is bonded to the plurality of lands and covers the plurality of openings. Methods of manufacturing and recycling the body structure are also provided.

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

(21) Application No.4610/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: ABSORBENT ARTICLES WITH HOOK AND LOOP FASTENING SYSTEMS

(51) International classification	:A61F13/62,A44B18/00	(71)Name of Applicant:
(31) Priority Document No	:13/293188	1)THE PROCTER & GAMBLE COMPANY
(32) Priority Date	:10/11/2011	Address of Applicant :One Procter & Gamble Plaza Cincinnati
(33) Name of priority country	:U.S.A.	Ohio 45202 U.S.A.
(86) International Application No	:PCT/US2012/064337	(72)Name of Inventor:
Filing Date	:09/11/2012	1)RAMOSMEDINA Nayda Liz
(87) International Publication No	:WO 2013/071031	2)LOONEY Michael Timothy
(61) Patent of Addition to Application	:NA	3)ASHRAF Arman
Number	:NA	4)KLINE Mark James
Filing Date	.IVA	5)HORN Thomas Alexander
(62) Divisional to Application Number	:NA	6)MARCHE Thierry J.
Filing Date	:NA	7)BLANC Olivier J.

(57) Abstract:

A hook for use on a male fastening material in a fastening system wherein the hook is configured for use with a fibrous material as a female fastening material in the fastening system.

No. of Pages: 44 No. of Claims: 24

(22) Date of filing of Application :06/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: REPLACEMENT HAIR STRAND HAVING A HAIR JOINING ELEMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:A41G5/00 :A 1815/2011 :12/12/2011 :Austria :PCT/AT2012/000309 :07/12/2012 :WO 2013/086546 :NA	(71)Name of Applicant: 1)HAIRDREAMS HAARHANDELS GMBH Address of Applicant :Floraquellweg 9 A 8051 Graz Austria (72)Name of Inventor: 1)OTT Gerhard
(61) Patent of Addition to Application		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a replacement hair strand having a hair joining element consisting of a flat thermoplastic platelet (1) having a replacement hair strand (2) embedded in the end thereof wherein in order to ensure a secure join with a head hair strand (4) at least one rib (3) running obliquely with respect to the strand direction protrudes from one of the two flat sides of the platelet (1). At the base thereof the rib (3) can have approximately the thickness (d) of the platelet (1) and towards the free end thereof the rib can be tapered. The height (h) of the rib (3) corresponds preferably to at most the longitudinal extent (l) of the platelet (1) extended in the strand direction.

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

(22) Date of filing of Application :06/06/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: METHOD FOR PRODUCING NUTRITIONAL COMPOSITION

(51) International :A23L1/305,A23L1/304,A61K33/00 classification

(31) Priority Document No :2011270610 :09/12/2011 (32) Priority Date (33) Name of priority country: Japan

(86) International Application: PCT/JP2012/081974

:10/12/2012

Filing Date

(87) International Publication :WO 2013/085059 No

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

:NA Filing Date

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

(71)Name of Applicant: 1)MEIJI CO. LTD.

Address of Applicant: 2 10 Shinsuna 1 chome Koto ku Tokyo

1368908 Japan

(72) Name of Inventor: 1)HORIMOTO Tomohito

(57) Abstract:

A method for producing a nutritional composition according to the present invention is a method for producing a nutritional composition containing a protein and a mineral group comprising at least two minerals and comprises adding (a) a powder or an agueous solution of at least one mineral that can be converted into the form of a bivalent ion when prepared into an agueous solution or (b) a mineral powder mixture comprising at least one mineral that can be converted into the form of a bivalent ion when prepared into an aqueous solution and at least one another mineral that is included in the mineral group to an aqueous protein rich solution containing a whey protein in such an amount that the mass of a protein derived from the whey protein becomes 2 to 12 g/100 ml and agitating the resultant mixture. In the method when there is any remaining mineral spices among the mineral group a powder of the remaining mineral spices is also added to the above mentioned aqueous protein rich solution simultaneously or sequentially and then agitating the resultant mixture.

No. of Pages: 48 No. of Claims: 13

(21) Application No.4525/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :04/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: FILM CONTAINING 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 N (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :PCT/US2011/065308 :16/12/2011	(71)Name of Applicant: 1)COLGATE PALMOLIVE COMPANY Address of Applicant: 300 Park Avenue New York New York 10022 U.S.A. (72)Name of Inventor: 1)SZEWCZYK Gregory 2)PATEL Neeta Atul 3)JOGUN Suzanne 4)PRENCIPE Michael
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(57) Abstract:

Described herein are compositions comprising a film wherein the film comprises a pigment and is adapted to release the pigment at a specific point in time during use; and methods of making and using the same.

No. of Pages: 17 No. of Claims: 14

(19) INDIA

(22) Date of filing of Application :04/06/2014

(21) Application No.4526/DELNP/2014 A

(43) Publication Date: 06/02/2015

(54) Title of the invention: METHOD FOR PRODUCING COOKED AND FROZEN PASTA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A23L1/16 :2011281089 :22/12/2011 :Japan :PCT/JP2012/083208 :21/12/2012 :WO 2013/094724 :NA :NA	(71)Name of Applicant: 1)NISSHIN FOODS INC. Address of Applicant: 25 Kandanishikicho 1 chome Chiyoda ku Tokyo 1018441 Japan (72)Name of Inventor: 1)IRIE Kentarou 2)KOIZUMI Norio 3)NAKANISHI Yumiko 4)SUGA Youhei 5)MAEDA Tatsurou
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provided is a cooked and frozen pasta which can be stored in a frozen state over a long time and after thawing exhibits a good appearance and good texture comparable to freshly cooked fresh pasta. A method for producing a cooked and frozen pasta characterized by comprising extruding a dough under a pressure of 80 200 kgf/cm to make noodles boiling the thus obtained fresh pasta and then freezing the same.

No. of Pages: 25 No. of Claims: 5

(21) Application No.4527/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :04/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: ORAL CARE COMPOSITIONS

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application	1:A61Q11/00,A61K8/86,A61K8/21 :NA :NA :NA :PCT/US2011/066074 :20/12/2011 :WO 2013/095366 :NA :NA	(71)Name of Applicant: 1)COLGATE PALMOLIVE COMPANY Address of Applicant:300 Park Avenue New York New York 10022 U.S.A. (72)Name of Inventor: 1)MORGAN Andre 2)JOZIAK Marilou 3)PRENCIPE Michael
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed herein are compositions comprising a fluoride ion source a poly(propylene oxide)/poly(ethylene oxide) copolymer and optionally a sparingly soluble acid; and methods of using and of making the same.

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

(21) Application No.4528/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :04/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: SYSTEM PROVIDING ENZYME CATALYZED REACTION

· / · · · · · / · · · · · · · · · · · ·	(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application	:NA :PCT/US2011/065827 :19/12/2011 :WO 2013/095331 :NA :NA	1)COLGATE PALMOLIVE COMPANY Address of Applicant :300 Park Avenue New York New York 10022 U.S.A. (72)Name of Inventor: 1)BOYD Thomas 2)XU Guofeng 3)ADAMS Richard 4)PIERCE Robert 5)SAMAROO Derek
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(57) Abstract:

Described herein are packages for storing and dispensing multi part tooth whitening formulations wherein the contents of the parts are mixed a peracid and/or dioxirane whitening agent is formed. Particular multi part tooth whitening formulations using this principle and methods of use thereof are also provided.

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

(21) Application No.4529/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :04/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: ORAL CARE COMPOSITIONS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A61K8/25,A61K8/34,A61K8/73 :NA :NA :NA	(71)Name of Applicant: 1)COLGATE PALMOLIVE COMPANY Address of Applicant: 300 Park Avenue New York New York 10022 U.S.A.
 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:PCT/US2011/066093 :20/12/2011 o:WO 2013/095370 :NA :NA	(72)Name of Inventor: 1)FISHER Steven 2)COLLIGAN Mary 3)PRENCIPE Michael 4)TAMBS Gary
Number Filing Date	:NA :NA	

(57) Abstract:

Described herein are preservative systems which prevent the growth of microorganisms in silica based dentifrices compositions comprising the same; and methods of making and using the same.

No. of Pages: 19 No. of Claims: 13

(21) Application No.4630/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: LINE BALANCING UPS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H02J3/26,H02J9/06 :NA :NA :NA :PCT/US2011/060358 :11/11/2011 :WO 2013/070237 :NA :NA :NA	(71)Name of Applicant: 1)SCHNEIDER ELECTRIC IT CORPORATION Address of Applicant:132 Fairgrounds Road West Kingston RI 02892 U.S.A. (72)Name of Inventor: 1)GAMBORG Gorm
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(57) Abstract:

A method for controlling an uninterruptible power supply (UPS) having a polyphase power input and an input power circuit coupled to the polyphase power input includes determining to reduce a load on a first phase of the polyphase power input and in response thereto controlling the input power circuit to reduce a first input current drawn from the first phase by a first amount and increase a second input current drawn from a second phase of the polyphase power input by a second amount. The UPS may determine to reduce the load on the first phase in response to a request from a smart grid to reduce the load on the first phase or in response to a local determination to reduce the load on the first phase.

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

(22) Date of filing of Application :07/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: OPERATION PLANNING SYSTEM AND METHOD FOR CREATING OPERATION PLAN

(51) International classification :G06Q50/06,H02J3/00,H02J13/00 (71)Name of Applicant :

(31) Priority Document No :2011246821 (32) Priority Date :10/11/2011 (33) Name of priority country :Japan

(86) International Application

No :PCT/JP2012/078922 Filing Date :08/11/2012

(87) International Publication :WO 2013/069717

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

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

pplication Number :NA

(57) Abstract:

1)KABUSHIKI KAISHA TOSHIBA
Address of Applicant: 1 1 Shibaura 1 chome Minato ku Tokyo
1058001 Japan
(72)Name of Inventor:
1)OBARA Reiko
2)NODA Hideki
3)KOBAYASHI Takenori
4)ISOGAI Taichi
5)YAMADA Takahiro

Provided are an operation planning system and a method for creating operation plans that are capable of creating an operation plan aiming to reduce environmental load whilst taking into consideration the allowable range for a customer. A supply curve (S) for power supply that matches one demand curve (D) pattern stored beforehand is created by combining power generation amounts for each type of power supply. An environmental load indicator (Ep) for a supply amount indicated by the supply curve (S) is calculated on the basis of environmental load information stored beforehand. Next reducible amounts information is stored beforehand for each power consumption reduction characteristic for each customer; a required reduction amount required so that the supply curve (S) matches a prescribed curve is calculated; a reducible supply amount is calculated on the basis of the reducible amounts information; and a reducible indicator (Dp) being the reducible supply amount divided by the required reduction amount is calculated. The supply curve (S) is adjusted until a determination is made that the environmental load indicator (Ep) and the reducible indicator (Dp) are within a certain range.

No. of Pages: 42 No. of Claims: 12

(22) Date of filing of Application :04/06/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: WAVE POWERED GENERATOR

:08/11/2012

(51) International classification

:F03B13/16,F03B13/18,F03B13/20

(31) Priority Document No :1119292.9 (32) Priority Date :08/11/2011

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

(86) International Application :PCT/GB2012/052775

Filing Date

(19) INDIA

(87) International Publication :WO 2013/068748

No

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

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

Filing Date

(71)Name of Applicant:

1)MARINE POWER SYSTEMS LIMITED

Address of Applicant: Ethos Building Kings Road SA1

Swansea Waterfront Swansea SA1 8AS U.K.

(21) Application No.4524/DELNP/2014 A

(72)Name of Inventor:

1)FOSTER Graham

(57) Abstract:

The generator comprises: at least one energy capturing float (2) which is movable in response to wave motion; a reaction member (1) to be positioned below the energy capturing float; connecting lines (4a 4b 4c 4d) for connecting the at least one energy capturing float to the reaction member and defining a spacing (D3) between the energy capturing float and the reaction member; energy convertors (3a 3b 3c 3d) for converting relative movement between the reaction member and at least one respective energy capturing float to useful energy. The generator includes depth setting means such as adjustable lines (8a 8b) connected to auxiliary floats (7a 7b) or adjustable mooring lines (9a 9b 9c 9d) securing the reaction member to the sea bed B for setting the depth (D1) of the reaction member in the sea.

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

:NA

(19) INDIA

(22) Date of filing of Application :07/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: SYSTEMS AND METHODS FOR PROVIDING A DYNAMIC ELECTRONIC STORAGE UNIT

(51) International classification :G06F13/14,G06F1/16,G06F3/06 (71)Name of Applicant: (31) Priority Document No 1)SULLIVAN Jason A. :61/558420 (32) Priority Date :10/11/2011 Address of Applicant :299 South Main Street Suite 1300 Salt (33) Name of priority country Lake City Utah 84111 U.S.A. :U.S.A. (86) International Application (72)Name of Inventor: :PCT/US2012/064681 1)SULLIVAN Jason A. No :12/11/2012 Filing Date (87) International Publication No:WO 2013/071241 (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA

(57) Abstract:

Filing Date

Number

The present invention relates to a modular electronic storage unit. The unit includes an electronic circuit board riser. An electronic storage card having a storage device is removably coupled to the electronic circuit board riser and is in communication with the electronic circuit board riser. A controller is couple to the electronic circuit board rise that provides support for communicating between the electronic storage card and an external computing device. In one embodiment two or more electronic storage cards are removably coupled to the electronic circuit board riser and are in a RAID. Further the controller is a RAID controller. In another embodiment the storage device is a solid state storage device.

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

(19) INDIA

(22) Date of filing of Application :07/06/2014

(21) Application No.4637/DELNP/2014 A

(43) Publication Date: 06/02/2015

(54) Title of the invention: LUBRICANT 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 No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F16N11/08 :10 2012 100 035.2 :03/01/2012 :Germany :PCT/EP2012/075291 :12/12/2012 :WO 2013/102538 :NA :NA :NA	(71)Name of Applicant: 1)PERMA TEC GMBH & CO. KG Address of Applicant: Hammelburger Strae 21 97717 Euerdorf Germany (72)Name of Inventor: 1)EISENBACHER Egon 2)BHNER Kuno 3)GROM Manfred
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(57) Abstract:

The invention relates to a lubricant dispenser having a lubricant cartridge (1) which has a lubricant storage space (2) having an outlet opening (3) for lubricant (4) a carrier (5) which is connected to the lubricant cartridge (1) in a detachable manner and accommodates a battery operated motor (6) for driving a spindle (7) and a plunger (8) connected to the spindle (7) for ejecting the lubricant (4) wherein an output shaft (9) of the motor (6) is connected to the spindle (7) by means of an adapter (10) and wherein the adapter (10) is mounted in a rotationally movable manner in an accommodation space (11) of the carrier (5) that is open towards the lubricant cartridge (1). A rolling bearing (12) which is arranged between the carrier (5) and the adapter (10) is provided as the bearing of the adapter (10). The adapter (10) is secured axially against falling out of the accommodation space by means of a retaining means (13) that is fastened to the carrier (5) and preferably designed as a lid.

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

(19) INDIA

(22) Date of filing of Application :06/06/2014

(21) Application No.4638/DELNP/2014 A

(43) Publication Date: 06/02/2015

(54) Title of the invention: METHOD AND DEVICE FOR SENSING THE SURROUNDINGS OF A MOVEMENT ASSISTANT BY MEANS OF SOUND SIGNALS WHICH ARE EMITTED IN THE FORM OF PULSES

 (51) International classification
 :G01S15/10,G01S15/93
 (7

 (31) Priority Document No
 :10 2011 088 225.1
 (32) Priority Date
 :12/12/2011

 (33) Name of priority country
 :Germany
 G

 (86) International Application No
 :PCT/EP2012/072446
 (7

 Filing Date
 :13/11/2012

 (87) International Publication No
 :WO 2013/087320

(61) Patent of Addition to Application
Number
Filing Date

Number

Filing Date

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

:G01S15/10,G01S15/93 (71)Name of Applicant :

1)ROBERT BOSCH GMBH

Address of Applicant :Postfach 30 02 20 70442 Stuttgart

Germany

(72)Name of Inventor:

1)KARL Matthias

(57) Abstract:

A method for determining the position and/or the movement of objects in the surroundings of a movement assistant by means of sound signals which are emitted in the form of pulses and are reflected at at least one object is provided in which method at least one sound pulse (S,S,S) which has frequencies below the ultrasonic frequency range is received and used. In addition an associated device for carrying out the method a cover apparatus for the device and a vehicle having the device according to the invention are disclosed.

No. of Pages: 58 No. of Claims: 21

(22) Date of filing of Application :03/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: FLUID APPLICATOR FOR A PERSONAL CARE APPLIANCE

(51) International classification (31) Priority Document No	:B26B21/44 :61/568877	(71)Name of Applicant: 1)THE GILLETTE COMPANY
(32) Priority Date(33) Name of priority country	:09/12/2011 :U.S.A.	Address of Applicant :World Shaving Headquarters IP/Legal Patent Department 3E One Gillette Park Boston Massachusetts
(86) International Application No Filing Date	:PCT/US2012/068338 :07/12/2012	02127 U.S.A. (72)Name of Inventor :
(87) International Publication No	:WO 2013/086254	1)WAIN Kevin James
(61) Patent of Addition to Application Number	:NA :NA	
Filing Date (62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A fluid dispensing cartridge for a personal care appliance with a fluid applicator having a baffle with a rear wall and an opposing resilient front flap. The baffle defines at least one outlet port. The resilient front flap contacts a portion of the rear wall in a first position and is spaced apart from the portion in a second position.

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

(22) Date of filing of Application :03/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: LINKAGE MECHANISM PRODUCING A VIRTUAL PIVOT AXIS FOR A RAZOR

(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date NA Filing Date SNA Filing Date	Filing Date (62) Divisional to Application Number	:NA :NA	(71)Name of Applicant: 1)THE GILLETTE COMPANY Address of Applicant:World Shaving Headquarters IP/Legal Patent Department 3E One Gillette Park Boston Massachusetts 02127 U.S.A. (72)Name of Inventor: 1)HOWELL Daren Mark 2)GOODHEAD Ian Anthony
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(57) Abstract:

A razor blade assembly connected to a handle via a linkage mechanism is provided including a razor cartridge that rotates about a virtual pivot axis. The linkage mechanism is suspended from the handle for rotating the cartridge about the virtual pivot axis. The virtual pivot axis is positioned in a virtual pivot axis region located forward of the cartridge midpoint toward the front edge of the cartridge and into the skin. The virtual pivot axis region is defined by a first boundary and a second boundary.

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

(19) INDIA

(21) Application No.4482/DELNP/2014 A

(22) Date of filing of Application :03/06/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention: RAZOR WITH PIVOTING FLUID CONNECTOR

(33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (87) International Publication No Filing Date (88) International Application No Supplication No Supplication Number Filing Date (89) International Publication No Supplication No Supplication Number Filing Date (80) International Application No Supplication No Supplication No Supplication Number Filing Date	Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:26/11/2012 :WO 2013/085734 :NA :NA	(72)Name of Inventor : 1)BURROWES Lee
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(57) Abstract:

A fluid dispensing razor with a handle defining a cavity configured to receive a fluid reservoir. A fluid dispensing cartridge is mounted to the handle. A fluid connector is pivotably coupled to the handle. The fluid connector has a neutral position and a biased loading position. The fluid connector in the biased loading position is inclined at an angle of about 10 degrees to about 60 degrees relative to the fluid connector in the neutral position.

No. of Pages: 23 No. of Claims: 15

(22) Date of filing of Application :03/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: ABSORBENT ARTICLE COMPRISING A FRAGRANCE OR ODOR CONTROL 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 	:A61L15/46 :11194570.5 :20/12/2011 :EPO :PCT/US2012/068339 :07/12/2012 :WO 2013/095948 :NA :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)CAPUTI Mariangela 2)BELLUCCI Remo 3)TORDONE Adelia Alessandra
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(57) Abstract:

An absorbent article selected from a sanitary napkin an incontinence pad and a pantyliner comprises a topsheet layer a backsheet layer optionally one or more intermediate layers enclosed between the topsheet and the backsheet a fastening adhesive applied on said backsheet garment facing surface and a liquid fragrance or odor control composition applied on or within a layer of said absorbent article. The liquid fragrance or odor control composition comprises from 5 to 50%wt of one or more esters selected from menthyl acetate menthyl lactate menthyl propionate menthyl butyrrate cis 3 hexenyl acetate methyl dihydrojasmonate methyl jasmonate hexyl iso butyrate linalyl acetate benzyl acetate phenyl ethyl acetate and less than 5%wt of other esters. The resulting articles present reduced degradation of the fastening adhesive layer due to the migration of components of the fragrance or odor control composition into the fastening adhesive layer.

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

(22) Date of filing of Application :26/07/2013

(43) Publication Date: 06/02/2015

(54) Title of the invention: PHYTOSANITARY COMPOSITION COMPRISING ESSENTIAL OILS THAT POTENTIATE ANTIFUNGAL ACTIVITY

(51) International :A01N65/00,A01N65/22,A01N65/24 (31) Priority Document No :P201130390 (32) Priority Date :18/03/2011

(33) Name of priority :Spain

country (86) International

Application No :PCT/ES2012/070005

Filing Date :05/01/2012

(87) International Publication No :WO 2012/127082

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

(71)Name of Applicant:

1)BIOFUNGITEK SOCIEDAD LIMITADA

Address of Applicant :Parque Tecnologico de Bizkaia Edificio

800 2ª Planta E 48170 Zamudio (Bizkaia) Spain

(72)Name of Inventor:

1)UGALDE MARTINEZ Unai Ona 2)RODRIGUEZ URRA Ana Belen 3)UBEGUN LIZASO Ainara

(57) Abstract:

The present invention relates to phytosanitary compositions with fungicidal properties that comprise a mixture of essential oils obtained from plants and agents with known fungicidal properties, such as alkali metal or ammonium bicarbonates, and compounds based on copper or the salts thereof, for use, principally, in contact-protection against fungal infections in cultivated plants and post-harvest, and also in other antifungal applications. In said compositions, the effect of the agents that have known fungicidal properties is potentiated synergistically by the aforementioned essential oils. The present invention also relates to the use of said essential oils as potentiators for agents with known fungicidal properties.

No. of Pages: 21 No. of Claims: 16

(22) Date of filing of Application :05/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: COMPOSITIONS COMPRISING GALLATES AND GALLAMIDES

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:A61Q17/00,A61Q11/00,A61R31/23 :13/333209 :21/12/2011 :U.S.A. :PCT/US2012/070062 :17/12/2012 :WO 2013/096182 :NA	(71)Name of Applicant: 1)COLGATE PALMOLIVE COMPANY Address of Applicant: 300 Park Avenue New York New York 10022 U.S.A. (72)Name of Inventor: 1)JARACZ Stanislav 2)XU Guofeng 3)MILLER Steven 4)LEIGH Leonora 5)PICQUET Guillaume 6)DU THUMM Laurence
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Described herein are compositions for topical use comprising an antibacterially effective concentration of a gallate or gallamide compound which is a polysubstituted cycloalkyl or heterocycloalkyl wherein the substituents are selected from hydroxy hydroxymethyl fluoro chloro amino nitro or a moiety of formula X (CO) (3,4,5 trihydroxyphenyl) wherein X is selected from O and NH provided that the substituents comprise at least two moieties of formula X (CO) (3,4,5 trihydroxyphenyl) attached to adjacent carbons in free or in orally or topically acceptable salt form as well as methods of making and using the same.

No. of Pages: 31 No. of Claims: 25

(22) Date of filing of Application :05/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: PUNCH TOOL PUNCH TIP AND METHOD OF SECURING A PUNCH TIP WITH A PUNCH BODY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B21D28/34,B21D37/04 :13/294754 :11/11/2011 :U.S.A. :PCT/US2012/063505 :05/11/2012 :WO 2013/070536 :NA :NA	(71)Name of Applicant: 1)WILSON TOOL INTERNATIONAL INC. Address of Applicant: 12912 Farnham Avenue White Bear Lake MI 55110 U.S.A. (72)Name of Inventor: 1)MOREHEAD John H. 2)LEE Brian J. 3)JOHNSTON Kevin A. 4)TIMP Richard L.
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(57) Abstract:

A punch tip (16) design configured to be universal in its application with wide varieties of punch assemblies and various punch body (14) designs from which universal application of the punch tip (16) is exemplified. Ancillary components (34,16,50) used with the various punch body (14) designs enhance ease by which the operator can sen lectively manipulate the same for alternately securing or releasing the punch tip (16).

No. of Pages: 95 No. of Claims: 65

(21) Application No.4572/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: COMMUNICATION SYSTEM

(51) International classification	:H04W88/10	(71)Name of Applicant:
(31) Priority Document No	:1120963.2	1)NEC CORPORATION
(32) Priority Date	:06/12/2011	Address of Applicant :7 1 Shiba 5 chome Minato ku Tokyo
(33) Name of priority country	:U.K.	1088001 Japan
(86) International Application No	:PCT/JP2012/080255	(72)Name of Inventor:
Filing Date	:15/11/2012	1)GANAPATHY Suresh
(87) International Publication No	:WO 2013/084723	2)AHLUWALIA Jagdeep Singh
(61) Patent of Addition to Application	:NA	3)GUPTA Neeraj
Number	:NA	4)KAWAGUCHI Kenji
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A communication system is described in which transferring means are configured for transferring at least one information element from a first base station to a second base station. In one embodiment the information element is sent internally to a communication apparatus comprising the first and second base stations or externally via a communication node external to the apparatus. In one embodiment the information element is sent between the two base stations via a communication node of a communication network.

No. of Pages: 35 No. of Claims: 29

(22) Date of filing of Application :26/07/2013 (43) Publication Date: 06/02/2015

(54) Title of the invention: ELECTRICAL CONTACT ARRANGEMENT FOR A COATING PROCESS

(51) International classification: C25D13/12, C25D13/22, F16B2/06 (71) Name of Applicant:

(31) Priority Document No :13/015626 (32) Priority Date :28/01/2011

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

(86) International Application :PCT/US2011/052248

No :20/09/2011 Filing Date

(87) International Publication :WO 2012/102764

(61) Patent of Addition to

:NA **Application Number** :NA Filing Date

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

1)PPG INDUSTRIES OHIO INC.

Address of Applicant: 3800 West 143rd Street Cleveland Ohio

44111 U.S.A.

(72) Name of Inventor:

1)KABAGAMBE Benjamin 2)MCCAMY James W.

3)BOYD Donald W.

(57) Abstract:

A protective coating is applied to the electrically conductive surface of a reflective coating of a solar mirror by biasing a conductive member having a layer of a malleable electrically conductive material e.g. a paste against a portion of the conductive surface while moving an electrodepositable coating composition over the conductive surface. The moving of the electrodepositable coating composition over the conductive surface includes moving the solar mirror through a flow curtain of the electrodepositable coating composition and submerging the solar mirror in a pool of the electrodepositable coating composition. The use of the layer of a malleable electrically conductive material between the conductive member and the conductive surface compensates for irregularities in the conductive surface being contacted during the coating process thereby reducing the current density at the electrical contact area.

No. of Pages: 43 No. of Claims: 22

(22) Date of filing of Application :26/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: METAL CLAD POLYMER 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 (62) Divisional to Application Number 	:08/02/2012 :WO 2012/110383 :NA :NA	(71)Name of Applicant: 1)INTEGRAN TECHNOLOGIES Address of Applicant:6300 Northam Drive Mississauga Ontario L4V 1H7 Canada (72)Name of Inventor: 1)TOMANTSCHGER Klaus 2)WANG Andrew 3)NAGARAJAN Nandakumar 4)NEACSU Mioara
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A metal clad polymer article includes a polymeric material with or without particulate addition. The polymeric material defines a permanent substrate. A metallic material covers at least part of a surface of the polymeric material. The metallic material has a microstructure which at least in part is at least one of fine grained with an average grain size between 2 and 5 000 nm and amorphous. The metallic material has an elastic limit between 0.2% and 15%. At least one intermediate layer can be provided between the polymeric material and the metallic material. A stress on the polymeric material at a selected operating temperature reaches at least 60% of its ultimate tensile strength at a strain equivalent to the elastic limit of said metallic material.

No. of Pages: 44 No. of Claims: 27

(22) Date of filing of Application :05/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: NOVEL DERIVATIVES OF HEMIN WITH ANTIBACTERIAL AND ANTIVIRAL ACTIVITY

(51) International classification	:C07K14/795,C07F15/02,A61K38/41	(71)Name of Applicant : 1)OBSCHESTVO S OGRANICHENNOI
(31) Priority Document No	:2011146831	OTVETSTVENNOSTIYU PHARMENTERPRISES
(32) Priority Date	:17/11/2011	Address of Applicant :prospekt Vernadskogo 86/5 Moscow
(33) Name of priority country	:Russia	119571 Russia (72)Name of Inventor :
(86) International Application No Filing Date	:PCT/RU2012/000939 :15/11/2012	1)NEBOLSIN Vladimir Evgenievich 2)ZHELTUKHINA Galina Alexandrovna 3)OKOROCHENKOV Sergei Alexandrovich
(87) International Publication No	:WO 2013/073998	
(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 NOVEL DERIVATIVES OF HEMIN OF GENERAL FORMULA (I) AND TO THE PRODUCTION AND USE THEREOF AS ANTIBACTERIAL AND/OR ANTIVIRAL AGENTS INCLUDING IN THE FORMULATION OF PHARMACEUTICAL COMPOSITIONS. ADVANTAGES OF THE NOVEL ANTIBACTERIAL AND ANTIVIRAL AGENTS ON THE BASIS OF DERIVATIVES OF HEMIN INCLUDE THE BIOCOMPATIBILITY AND BIODEGRADABILITY THEREOF AND THE HIGH DEGREE OF EFFECTIVENESS THEREOF AGAINST RESISTANT BACTERIA AND WIDESPREAD VIRUSES WHICH ARE DANGEROUS TO HUMANS AND THE LACK OF TOXICITY.

No. of Pages: 54 No. of Claims: 29

(22) Date of filing of Application :05/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: SOLAR CELL MODULE AND SOLAR CELL ARRAY ROOFING STRUCTURE USING SAME

(51) International classification :E04D13/18,H
(31) Priority Document No :2011244268
(32) Priority Date :08/11/2011
(33) Name of priority country :Japan

(86) International Application No :PCT/JP2012/078817

Filing Date :07/11/2012 (87) International Publication No :WO 2013/069673

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

:E04D13/18,H01L31/042 (71)Name of Applicant :

1)XSOL CO. LTD.

Address of Applicant :Karasuma Chuo Bldg. 659 Tearaimizu cho Nishikikoji agaru Karasumadoori Nakagyo ku Kyoto shi

Kyoto 6048152 Japan (72)Name of Inventor:

1)KAWAKATSU Kazushi

(57) Abstract:

A solar cell array is formed by directly fixing solar cell modules on a roof. Right and left position racks (3) each equipped with a terminal box (34) are disposed at the right and left ends of each of the upper ends of solar cell modules (1) and an intermediate position rack (2) is disposed at an intermediate position thereof. Each of the racks (2 3) is directly fixed on a roof (8) by a screw (4) thereby installing the solar cell modules (1) on the roof (8). In the terminal box (34) a connector (35) connected to the output terminals of the solar cell modules (1) a terminal (351) etc. are disposed. The terminal boxes (34) of the right and left position racks (3) are combined with each other and the solar cell modules (1) are connected in series by a connection cable (36) thereby outputting power to a conditioner on a per column basis. The solar cell modules (1) are sequentially fixed from the lower level to the upper level by using a starter (5) on the eaves side of the roof (8) and fixtures (7) for installing the racks (2 3) to form a solar cell array (A).

No. of Pages: 46 No. of Claims: 8

(22) Date of filing of Application :05/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: HORIZONTAL AND VERTICAL WELL FLUID PUMPING SYSTEM

(51) International classification :F04B47/00,E21B43/12,E21B47/008

(31) Priority Document No :61/570981 (32) Priority Date :15/12/2011

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

(86) International Application No :PCT/CA2012/001156

Filing Date :17/12/2012

(87) International Publication: WO 2013/086623

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

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

(71)Name of Applicant:

1)RAISE PRODUCTION INC.

Address of Applicant :2620 58 Avenue SE Calgary Alberta

T2C 1G5 Canada (72)Name of Inventor: 1)LAING Eric 2)STEELE Geoff 3)FLETCHER Dan

4)OHMER Herve

(57) Abstract:

A pump system for producing fluids from a reservoir using a wellbore having a vertical section with a casing defining an annulus a transitional section and a horizontal section and a production tubing having a vertical section and a horizontal section wherein the system includes a completion with an isolation device in the annulus near the bottom of the vertical section a gas/liquid separator for receiving produced fluids from the horizontal section and a vertical lift pump; a continuous flow path from the terminus of the production tubing to the vertical section; a plurality of horizontal pumps in the horizontal section each having an intake exposed to the reservoir and an outlet in the continuous flow path. The horizontal length of the production tubing is closed to the reservoir except through the horizontal pumps. A method of producing fluids includes isolating a vertical section of a wellbore from a horizontal section; isolating the production tubing from the reservoir; pumping fluid from the reservoir adjacent a toe segment into a production tubing toe segment and towards the heel segment; and pumping fluid from the reservoir adjacent a heel segment into the production tubing heel segment and towards the vertical section and pumping fluid up the vertical section to the surface. Also disclosed is a diaphragm pump.

No. of Pages: 73 No. of Claims: 42

(21) Application No.6714/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/07/2013 (43) Publication Date: 06/02/2015

(54) Title of the invention: A PROCESS FOR THE PRODUCTION OF (METH) ACRYLIC ACID AND DERIVATIVES AND POLYMERS PRODUCED THEREFROM

(51) International :C07C51/38,C07C51/48,C07C57/04

classification (31) Priority Document No :1102249.8

(32) Priority Date :09/02/2011 (33) Name of priority country: U.K.

(86) International Application :PCT/GB2012/050272

No :08/02/2012 Filing Date

(87) International Publication :WO 2012/107758

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

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

(71)Name of Applicant:

1)LUCITE INTERNATIONAL UK LIMITED

Address of Applicant: Cumberland House 15 17 Cumberland

Place Southampton Hampshire SO15 2BG U.K.

(72)Name of Inventor:

1)JOHNSON David William 2) EASTHAM Graham Ronald 3)POLIAKOFF Martyn

4)HUDDLE Thomas Andrew

(57) Abstract:

A method of extracting (meth)acrylic acid from an aqueous reaction medium into an organic phase in contact therewith is described. The aqueous reaction medium is formed from at least one base catalyst and at least one dicarboxylic acid selected from maleic fumaric malic itaconic citraconic mesaconic and citramalic acid or mixtures thereof in aqueous solution and contains the base catalysed decarboxylation products of the base catalysed reaction. The method includes either the addition of at least one of the said dicarboxylic acids and/or a pre cursor thereof to the aqueous reaction medium to enhance the solvent extraction of the (meth)acrylic acid into the organic solvent or maintaining the level of base catalyst to dicarboxylic acid and/or pre cursor at a sub stoichiometric level during the extraction process. The method extends to a process of producing (meth)acrylic acid its esters and polymers and copolymers thereof.

No. of Pages: 70 No. of Claims: 22

(21) Application No.4492/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: 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 	:H04W52/02 :1120958.2 :06/12/2011 :U.K. :PCT/JP2012/080251 :15/11/2012 :WO 2013/084721 :NA	(71)Name of Applicant: 1)NEC CORPORATION Address of Applicant: 7 1 Shiba 5 chome Minato ku Tokyo 1088001 Japan (72)Name of Inventor: 1)GANAPATHY Suresh 2)AHLUWALIA Jagdeep Singh 3)GUPTA Neeraj 4)KAWAGUCHI Kenji
(61) Patent of Addition to Application		3)GUPTA Neeraj

(57) Abstract:

A communication system is described in which at least one of the first and second base station modules of a dual mode access point is configured to provide information as regards to its operating mode to the other base station module. In one embodiment the operating mode information is provided via an internal interface coupling the first and second base station modules.

No. of Pages: 25 No. of Claims: 27

(21) Application No.4493/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: CHOCOLATE PRODUCT WITH TROPICALISED SHELL

(51) International classification :A23G1/00,A23G1/54,A23G1/32 (71)Name of Applicant: (31) Priority Document No :11191972.6

(32) Priority Date :05/12/2011 (33) Name of priority country :EPO

(86) International Application :PCT/EP2012/074527 No

:05/12/2012 Filing Date

(87) International Publication No:WO 2013/083641

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

Number :NA Filing Date

(62) Divisional to Application :NA

1)NESTEC S.A.

Address of Applicant : Avenue Nestl 55 CH 1800 Vevey

Switzerland

(72)Name of Inventor: 1)ALTHAUS Tim Oliver

2)PALZER Stefan

3)NIEDERREITER Gerhard

4)CHISHOLM Helen 5)BOVET Nicolas

(57) Abstract:

The present invention is directed to a chocolate product with a tropicalized shell comprising chocolate and a humectant liquid and a non tropicalised chocolate core.

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

(22) Date of filing of Application :03/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: RAW EDGE V BELT FOR DOUBLE SIDED TRANSMISSION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:02/11/2012 :WO 2013/069244 :NA	(71)Name of Applicant: 1)BANDO CHEMICAL INDUSTRIES LTD. Address of Applicant: 6 6 Minatojima Minamimachi 4 chome Chuo ku Kobe shi Hyogo 6500047 Japan (72)Name of Inventor: 1)FUJIWARA Takashi
(61) Patent of Addition to Application		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In this raw edge V belt for double sided transmission bottom cogs (3) are formed at a set pitch along the lengthwise direction on the inner peripheral side of a belt main body (2) the inner peripheral side of the belt main body (2) is covered by an inside reinforcing fabric (4) top cogs (5) are formed at a set pitch along the lengthwise direction of the outer peripheral side of the belt main body (2) the outer peripheral side of the belt main body (2) is covered by an outside reinforcing fabric (6) and an adhesive rubber layer (7) is disposed between the bottom cogs (3) and the top cogs (5). A core wire (8) is disposed along the lengthwise direction of the adhesive rubber layer (7) and seen from the lengthwise direction the bottom cogs (3) are split into a V shaped cross section and the top cogs (5) are spit into an inverted V shaped cross section. The distance of the peaks of the bottom cogs (3) from the core wire (8) and the distance of the peaks of the top cogs (5) from the core wire (8) are caused to be approximately equivalent.

No. of Pages: 25 No. of Claims: 4

(21) Application No.789/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :18/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : METHOD AND DEVICE FOR THE ACTIVATION OF AT LEAST ONE ENERGY MANAGEMENT FUNCTION IN A VEHICLE

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F02D :102012204918.5 :27/03/2012 :Germany :NA :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)BREITENBACHER, JUERGEN 2)SCHMUCKER, CLEMENS 3)KOENIGSMANN, MARTIN HOLGER
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(57) Abstract:

The present subject matter relates to a method for the activation of at least one energy management function as well, an associated device, a computer program product and a data processing program for executing the method for activating at least an energy management function (12.1, 12.2) in a vehicle depending on the actual state of a battery (40). According to the present subject matter, at least one parameter (44.1, 44.2, 44.3) is determined and/or detected for determining the actual state of the battery (40), wherein the validity of the value of the at least a detected and/or determined parameters (44.1, 44.2, 44.3) is represented by a state variable (24.1, 24.2), which is adjusted after a reset operation and/or battery change to a basic state and is changed as a function of a predetermined criteria from the basic state to a set state.

No. of Pages: 28 No. of Claims: 10

(21) Application No.810/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :19/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: EXHAUST EMISSION CONTROL SYSTEM OF INTERNAL COMBUSTION ENGINE

(51) International classification(31) Priority Document No(32) Priority Date	:F01N :2012- 138789 :20/06/2012	(71)Name of Applicant: 1)HONDA MOTOR CO.,LTD. Address of Applicant: 1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556, JAPAN
(33) Name of priority country(86) International Application No	:Japan :NA	(72)Name of Inventor: 1)HIROYA NAKAZAWA
Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:NA : NA :NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

It is an object of the present invention to enable earlier activation of a catalyst, in an exhaust emission control system of an internal combustion engine in which at least a part of a catalytic converter is housed in an exhaust muffler. [Means for solving the problems] An exhaust gas deriving port 44A that is opened so as to be oriented to the part of an upstream-side exhaust pipe 28, which is housed in an exhaust muffler 29A, is provided on the downstream end of a downstream-side exhaust pipe 30A in the exhaust muffler 29A.

No. of Pages: 45 No. of Claims: 8

(21) Application No.4561/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: SELF HOLDING FEATURE FOR A SCREW

(51) International classification	:A61B17/88,A61B17/86	(71)Name of Applicant :
(31) Priority Document No	:61/567390	1)SYNTHES GMBH
(32) Priority Date	:06/12/2011	Address of Applicant :Eimattstrasse 3 CH 4436 Oberdorf
(33) Name of priority country	:U.S.A.	Switzerland
(86) International Application No	:PCT/US2012/067174	(72)Name of Inventor:
Filing Date	:30/11/2012	1)FELDER Martin
(87) International Publication No	:WO 2013/085805	2)DURANTE Oliviero
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A bone fixation device comprises an elongated body extending from a head at a proximal end to a shaft at a distal end along a central longitudinal axis. A slotted opening extends distally into the head by a predetermined distance the opening defining a spring portion on a lateral side thereof the spring portion being biased toward the central longitudinal axis and configured to be deflectable away from the central longitudinal axis upon application of a radially expansive force thereto.

No. of Pages: 17 No. of Claims: 20

(12) THE NITH TENERTHON TO BEIGHTIC

(21) Application No.4562/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: AGRICULTURAL TRACTOR FRONT END INSTALLATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:B60K11/04 :1121608.2 :15/12/2011 :U.K. :PCT/EP2012/074928 :10/12/2012 :WO 2013/087562	(71)Name of Applicant: 1)AGCO SA Address of Applicant: Avenue Blaise Pascal F 60026 Beauvais France (72)Name of Inventor: 1)DUCROQUET Frederic 2)SAP Bruno
(61) Patent of Addition to Application Number	:NA :NA	Zyon Brand
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	
		•

(57) Abstract:

An agricultural tractor (10) comprises an engine (26) and a cooling package (24) supported in front of a cab (18). The cooling package comprises a radiator (30) and fan (28) disposed between the engine and cab the radiator having a major surface which is aligned longitudinally so that an airflow forced through the radiator by the fan is generally transverse with respect to the tractor's forward direction of travel. The orientation of the radiator provides for a narrower front end installation which improves the driver's field of view and relaxes limitations on steering angles and cooling package size.

No. of Pages: 12 No. of Claims: 9

(22) Date of filing of Application :05/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: PERSONAL CARE APPLIANCE 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 (62) Divisional to Application Number 	:B26B21/44 :61/568895 :09/12/2011 :U.S.A. :PCT/US2012/068335 :07/12/2012 :WO 2013/086252 :NA :NA	(71)Name of Applicant: 1)THE GILLETTE COMPANY Address of Applicant: World Shaving Headquarters IP/Legal Patent Department 3E One Gillette Park Boston Massachusetts 02127 U.S.A. (72)Name of Inventor: 1)BURROWES Lee 2)JESSEMEY Paul Michael 3)WAIN Kevin James
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A personal care appliance having a handle defining a cavity. A fluid connector is positioned within the cavity. A fluid reservoir is positioned within the cavity. The fluid reservoir has a frangible seal that is spaced apart from the fluid connector. A cover is mounted to the handle over the cavity.

No. of Pages: 18 No. of Claims: 15

(21) Application No.4564/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention : HERBICIDAL COMPOSITONS COMPRISING TRIFLUOROME THANESULFONANILIDES AND SAFENERS

(51) International classification :A01N25/32,A01N47/02,A01P13/00

(31) Priority Document No :1121314.7 (32) Priority Date :09/12/2011

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

(86) International Application No :PCT/EP2012/074485

Filing Date :05/12/2012

(87) International Publication :WO 2013/083622

(61) Patent of Addition to
Application Number :NA

Application Number
Filing Date

(62) Divisional to

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

(71)Name of Applicant:
1)SYNGENTA LIMITED

Address of Applicant : European Regional Centre Priestley Road Surrey Research Park Guildford Surrey GU2 7YH U.K.

(72)Name of Inventor:

1)DE FRAINE Paul John

2)SPINNEY Mark

3)WHITTINGHAM William Guy

4)ZELAYA Ian Zlexei 5)REES Anne Mary

(57) Abstract:

The present invention relates to compositions for protecting crop of useful plants from the harmful effects of certain sulphonanilide derivative herbicides as well as methods for protecting crops of useful plants from the harmful effects of these herbicides and methods for combating weeds in crops of useful plants.

No. of Pages: 46 No. of Claims: 16

(21) Application No.4567/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/06/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: LIQUID ACTIVATION SYSTEM

(51) International :A61Q11/00,A61Q19/10,A61K8/44

classification

(31) Priority Document No :61/577555 (32) Priority Date :19/12/2011 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2012/070572

:19/12/2012 Filing Date

(87) International Publication :WO 2013/096425

No

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

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

Filing Date (57) Abstract:

(71)Name of Applicant:

1)COLGATE PALMOLIVE COMPANY

Address of Applicant :300 Park Avenue New York New York

10022 U.S.A.

(72)Name of Inventor:

1)XU Guofeng 2)MILLER Steven

3)GRONLUND Jennifer

Described herein are compositions comprising an unactivated liquid an immobilized sparingly soluble acid or base such that during storage the unactivated liquid is not in contact with the immobilized sparingly soluble acid or base but upon use the unactivated liquid contacts the immobilized sparingly soluble acid or base whereby the pH of the liquid is altered thereby activating the liquid to provide a benefit; together with variant and alternative designs methods of making and using the compositions and components thereof.

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

(21) Application No.811/DEL/2013 A

(19) INDIA

(22) Date of filing of Application: 19/03/2013 (43) Publication Date: 06/02/2015

(54) Title of the invention : SPRAY POWDER WITH A SUPERFERRITIC IRON-BASED COMPOUND AS WELL AS A SUBSTRATE, IN PARTICULAR A BRAKE DISK WITH A THERMAL SPRAY LAYER

(57) Abstract:

The invention relates to a spray powder with a superferritic iron-based 5 compound for the thermal coating of a substrate, wherein the spray powder includes, apart from impurities, a chemical list from the list of chemical elements consisting of C, Mn, Cr, Mo, Ni, Nb, P, S, Si, Fe, Al, O, and Zr. In accordance with the invention, the spray powder has the following chemical composition: C at a maximum up to 0.7% by weight, 10 Mn at a maximum up to 0.7% by weight; Ni at a maximum up to 0.5% by weight, Nb at a maximum up to 1.2% by weight, P at a maximum up to 0.1% by weight, S at a maximum up to 0.1% by weight, Si at a maximum up to 0.2% by weight, Cr in the range from 20% to 40% by weight, Mo in the range 2.0% to 6% by weight, and a ceramic component Al203/Zr02 up 15 to a maximum of 50% by weight, with the remainder being Fe, and otherwise a total of a maximum of 0.4% by weight of further chemical components being contained as impurities. The invention furthermore relates to a substrate, in particular to a brake disk, having a superferritic thermal spray layer.

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

(22) Date of filing of Application :06/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention : METHOD OF AND DEVICE FOR GENERATING TRUE RANDOM NUMBERS AND A GAMING 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 	:11008930.7 :09/11/2011 :EPO	(71)Name of Applicant: 1)NOVOMATIC AG Address of Applicant: Wiener Strasse 158 A 2352 Gumpoldskirchen Austria (72)Name of Inventor: 1)HOMER Alois
 (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 generating true random numbers by way of a quantum optic process the device comprising: a light source for generating at least one single photon within a light beam; and at least two detectors each for detecting single photons within the beam thereby providing detector signals; and control means; wherein the detectors for detecting single photons each comprises at least one quantum dot; and wherein the detectors are positioned at substantially equivalent spatial position of detection probability of single photons in the beam; and wherein the control means are provided and adapted to control generation of a series of single photons and to register the detector signals for generating the true random number values.

No. of Pages: 32 No. of Claims: 15

(22) Date of filing of Application :06/06/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention : RESOURCE ALLOCATION METHOD BY MEANS OF COORDINATION AMONG DIFFERENT 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 (62) Divisional to Application Number 	:G06Q50/06 :NA :NA :NA :NA :PCT/JP2011/006877 :09/12/2011 :WO 2013/084268 :NA :NA	(71)Name of Applicant: 1)HITACHI LTD. Address of Applicant: 6 6 Marunouchi 1 chome Chiyoda ku Tokyo 1008280 Japan (72)Name of Inventor: 1)IIJIMA Koichiro 2)NOGUCHI Takashi 3)FUKUMOTO Takashi 4)HIRASAWA Shigeki
Filing Date	:NA :NA	

(57) Abstract:

The invention pertains to a method of continuously providing services by resource allocation done by means of coordination among multiple business entities said coordination pertaining to the providing of infrastructure services such as electric power water and rail transport said services being provided by the business entities. In a resource allocation method in which in response to an allocation request whether to accept or reject said request is assessed on an individual basis by the entity that has received same and reduction quantity and desirability are determined through negotiation determining the request recipient that will accomplish the allocation and determining the request method are problems. Particular problems addressed are high precision estimation of: an assessment criterion for allocation by different business entities; and a possible allocation method. Infrastructure service usage plans and infrastructure service supply plans are shared among multiple business entities. If a resource shortage occurs a deadline for solving same by allocation is computed. In accordance with the length of time until the deadline the request recipient and the allocation method are changed thereby predicting the likelihood of a change in a plan of another business entity.

No. of Pages: 64 No. of Claims: 16

(21) Application No.4625/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/06/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention : METHOD AND MEDIA HANDLING UNIT FOR USE IN A VOIP BASED 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 Filing Date (62) Divisional to Application Number 	:H04L29/06 :NA :NA :NA :PCT/EP2011/073870 :22/12/2011 :WO 2013/091718 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant: S 16483 Stockholm Sweden (72)Name of Inventor: 1)NOLDUS Rogier August Caspar Joseph 2)DEN HARTOG Jos
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a method and a media handling unit (8) for switching from forwarding a first media stream to forwarding a second media stream to a media recipient (2) in a VoIP based communications network. According to the invention the first and second media streams are buffered in memory (14 16) prior to switching providing slack time to allow switching without disturbance.

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

(22) Date of filing of Application :21/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: CORROSION MONITORING DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:G01F :13/452,294 :20/04/2012 :U.S.A. :NA	Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK, 12345, USA U.S.A. (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	:NA : NA :NA :NA :NA :NA	1)KULKARNI, ABHIJEET MADHUKAR 2)EYERS, WILLIAM KEITH ALBERT 3)MANN, RICHARD MICHAEL ASHLEY 4)RICHARDSON, MARK DAVID

(57) Abstract:

This disclosure describes, in one embodiment, a corrosion monitoring device to monitor fluid flowing to a turbo-machine. The device comprises an elongated body member in the form of a threaded rod. The elongated body member comprises test elements that have material properties responsive to the corrosive components. In one example, the test elements comprise cylindrical tubes that can slide onto the threaded rod. The assembly is positioned in flow streams and, more particularly, finds particular use in the flow stream of fluid found in an inlet system that couples with a turbine (e.g., a gas or steam turbine).

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

(22) Date of filing of Application :06/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: ORTHOPEDIC AUGMENTS HAVING RECESSED POCKETS

(51) International classification :A61F2/38,A61F2/30,A61F2/28 (71)Name of Applicant : (31) Priority Document No 1)SMITH & NEPHEW INC. :61/568023 (32) Priority Date Address of Applicant: 1450 Brooks Road Memphis TN 38116 :07/12/2011 (33) Name of priority country :U.S.A. U.S.A. (86) International Application No :PCT/US2012/068304 (72) Name of Inventor: Filing Date :06/12/2012 1)SHEA Jeffrey J. (87) International Publication No :WO 2013/086235 2)GOLDBERG Daniel R. (61) Patent of Addition to 3)QUINN Nathaniel M. :NA **Application Number** 4)TSAI Stanley :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

Systems devices and methods are described for providing orthopedic augments having recessed pockets that receive a fixation material. The orthopedic augments include an outer surface that interfaces with a patient s tissue or bone and an inner surface that interfaces with an implant the inner surface comprising a recessed pocket configured to receive a fixation material a rim around at least a portion of the recessed pocket and a port in the rim wherein the recessed pocket extends along the inner surface in at least a direction laterally from the port.

No. of Pages: 28 No. of Claims: 35

(21) Application No.4618/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention : INFORMATION PROCESSING DEVICE INFORMATION PROCESSING 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 	:G06Q30/02,G06K9/00 :2011273193 :14/12/2011 :Japan :PCT/JP2012/007268 :13/11/2012 :WO 2013/088637 :NA :NA	(71)Name of Applicant: 1)SONY CORPORATION Address of Applicant: 1 7 1 Konan Minato ku Tokyo 1080075 Japan (72)Name of Inventor: 1)KASAHARA Shunichi 2)KOMORI Akihiro
. ,		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An information processing system that acquires image data corresponding to an object; acquires content based on a determination of whether the image data is direct image data that is directly acquired or indirect image data that is indirectly acquired; and outputs the acquired content.

No. of Pages: 46 No. of Claims: 25

(22) Date of filing of Application :06/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention : BRAIDED WIRE MANUFACTURING METHOD AND BRAIDED WIRE MANUFACTURING 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 	:2012175492 :08/08/2012 :Japan :PCT/JP2013/070148 :25/07/2013 :WO 2014/024689 :NA	(71)Name of Applicant: 1)SUMITOMO WIRING SYSTEMS LTD. Address of Applicant: 1 14 Nishisuehiro cho Yokkaichi shi Mie 5108503 Japan (72)Name of Inventor: 1)KOBAYASHI Eiji
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The purpose of the present invention is to obtain a braided wire manufacturing method and a braided wire manufacturing device which are capable of manufacturing a braided wire that is accurately braided without causing distortion. This braided wire manufacturing device (20) is a device in which a plurality of conductive wires (12) are supplied from a wire supply mechanism (30) braided as a braided wire (10) from a convergence position (S1) after passing through a net mouth die (5) and the braided wire (10) which has passed through a guide roller (1) is wound using a capstan unit (40). The guide roller (1) has a guide width (W1) capable of horizontal restriction processing such that the movement of the braided wire (10) in a horizontal direction falls within a predetermined restricted width from an ideal center position. Further the guide roller (1) has a second feature of being provided at a height of the braiding pitch of the braided wire (10) from the convergence position (S1) in a vertical direction.

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

(22) Date of filing of Application :21/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: GEOTHERMAL POWER GENERATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	UNION :NA :NA : NA : NA :NA :NA :NA	(71)Name of Applicant: 1)ALSTOM TECHNOLOGY LTD Address of Applicant :BROWN BOVERI STRASSE 7, 5400 BADEN, SWITZERLAND (72)Name of Inventor: 1)SUTER, FRANZ
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A valve arrangement (16) for a geothermal steam turbine generator (10) comprises first and second steam control valves (18, 20) for regulating the supply of steam to the steam turbine generator (10). The first and second steam control valves are arranged in parallel in a steam supply line (24) and the first steam control valve (18) has a smaller fully-open diameter than the second steam control valve (20). The first steam control valve (18) is arranged to regulate the volume flow rate of steam supplied to the steam turbine generator (10) during a speedcontrol phase, until the steam turbine generator (10) attains a predetermined rotational speed at which it can be connected to an ac electrical system. The second steam control valve (20) is arranged to regulate the volume flow rate of steam supplied to the steam turbine generator (10) during a load-control phase, after the end of the speed-control phase, once the steam turbine generator (10) has attained the predetermined rotational speed and is connected to the ac electrical system.

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

(19) INDIA

(22) Date of filing of Application :05/06/2014

(21) Application No.4582/DELNP/2014 A

(43) Publication Date: 06/02/2015

(54) Title of the invention: INTEGRATED FINGERPRINT AND HAZARDOUS MATERIAL SENSOR AUTOMATIC ENTRY CONTROL FOR PEOPLE SAID ENTRY CONTROL COMPRISING SUCH AN INTEGRATED SENSOR AND USE OF SUCH A SENSOR FOR SECURITY CHECKPOINTS IN AN AIRPORT

(51) International classification	:G07C9/00	(71)Name of Applicant :
(31) Priority Document No	:10 2011 118 666.6	1)EADS DEUTSCHLAND GMBH
(32) Priority Date	:16/11/2011	Address of Applicant : Willy Messerschmitt Strae 85521
(33) Name of priority country	:Germany	Ottobrunn Germany
(86) International Application No	:PCT/EP2012/072615	2)AIRSENSE ANALYTICS GMBH
Filing Date	:14/11/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2013/072364	1)GOTTHARDT Cordula
(61) Patent of Addition to Application	:NA	2)G–BEL Johann
Number	:NA	3)L-BAU Jrg
Filing Date	.1 \r 1	4)WALTE Andreas
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		·

(57) Abstract

The invention relates to an integrated fingerprint and hazardous material sensor arrangement for checkpoints for persons and hazardous materials. First the fingerprint sensor can detect a fingerprint. The fingerprint sensor is then brought into the active region of a hazardous material sensor device which can analyze a material sample provided by the person to be checked upon touching the scanner. The security checkpoints in airports can thereby be designed to be more efficient.

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

(21) Application No.4584/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: CONTAINER AND CAP

(51) International classification :B65D25/42,B65D6/40,B65D41/18

(31) Priority Document No :11188301.3 (32) Priority Date :08/11/2011

(33) Name of priority country: EPO

(86) International Application :PCT/EP2012/071600

No Filing Date :1C1/E12012

(87) International Publication :WO 2013/068292

No (61) Patent of Addition to ...

Application Number Filing Date :NA

(62) Divisional to Application
Number
:NA

Filing Date

(71)Name of Applicant:

1)CROWN PACKAGING TECHNOLOGY INC.

Address of Applicant: 11535 South Central Avenue Alsip

Illinois 60803 2599 U.S.A. (72)Name of Inventor:
1)WATSON Martin John

(57) Abstract:

A container (100) comprising: a substantially circular opening (406); and a radially projecting curled lip (408) extending around the opening for securing a substantially circular cap over the opening by way of a snap fit wherein the radial dimension of the curled lip varies around the opening.

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

(22) Date of filing of Application :26/07/2013 (43) Publication Date: 06/02/2015

(54) Title of the invention: A PHOTOVOLTAIC ELEMENT WITH AN INCLUDED RESONATOR

(51) International classification: H02N6/00,H01Q1/24,H01Q17/00 (71)Name of Applicant: (31) Priority Document No :PV 201142 (32) Priority Date :27/01/2011 (33) Name of priority country :Czech Republic Republic (86) International Application :PCT/CZ2011/000076

:03/08/2011

Filing Date

(87) International Publication :WO 2012/100758

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

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

1)VYSOK‰ UCENI TECHNICK‰ V BRNE

Address of Applicant : Antoninsk; 548/1 60190 Brno Czech

(72) Name of Inventor:

1)PAVEL Fiala

(57) Abstract:

A photovoltaic element including a resonator is arranged on a semiconductor structure (5) that is constituted by a region without electromagnetic damping (5a) whose upper plane forms the plane of incidence (3) and a region with electromagnetic damping (5b) both regions being bound by virtual boundaries (6) of variation in material properties. At least one 2D 3D resonator (4) is surrounded by a dielectric (10) and configured on the semiconductor structure (5) with a relative electrode (1 1) bordering on the region with electromagnetic damping (5b). The photovoltaic element having a resonator arranged on a semiconductor structure (5) uses the structure (5) and its characteristics to set suitable conditions for the impingement of an electromagnetic wave and its transformation to a stationary form of the electromagnetic field and not to secure the generation of an electric charge. The 2D 3D resonator produces electric current or voltage which is conducted with the help of a nonlinear component (15) to a connecting component (16). The nonlinear element (15) shapes the signal on the resonant circuit; this signal is then filtered (rectified) to a further utilizable shape. The planar and spatial resonator (2D 3D resonator) is designed in such a manner that prevents the electromagnetic wave passing through the semiconductor structure (5) from being reflected back to the 2D 3D resonator created in the structure (5). The semiconductor structure (5) does not generate a backward electromagnetic wave propagating in the direction of the impinging electromagnetic wave emitted by a source such as the Sun. The region with electromagnetic damping (5b) has the function of suppressing the reflected wave. Thus the resonator behaves like an ideal impedance matched component for the proposed frequency spectrum. The semiconductor structure (5) is set in such a manner that the conductivity increases in the electromagnetic damping region (5b) in the direction of the relative electrode (11) which leads to a wide resonance curve in the photovoltaic element components.

No. of Pages: 27 No. of Claims: 4

(22) Date of filing of Application :22/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: SOLAR THERMAL POWER SYSTEM

:F01K	(71)Name of Applicant :
:12162906.7	1)ALSTOM TECHNOLOGY LTD
:02/04/2012	Address of Applicant :BROWN BOVERI STRASSE 7, 5400
:EUROPEAN	BADEN, SWITZERLAND
UNION	(72)Name of Inventor:
:NA	1)EHRSAM, ANDREAS
:NA	2)HERZOG, MAURUS
: NA	3)RAY, SUMAN
:NA	
:NA	
:NA	
:NA	
	:12162906.7 :02/04/2012 :EUROPEAN UNION :NA :NA :NA :NA

(57) Abstract:

A solar thermal power system (10) comprises a solar receiver steam generator (12), a thermal energy storage arrangement (14) utilising a thermal energy storage fluid, and a multistage steam turbine (16) for driving an electrical generator (G) to produce electrical power. The solar thermal power system (10) has a first operating mode in which steam is generated by the solar receiver steam generator (12) and is supplied both to the thermal energy storage arrangement (14) to heat the thermal energy storage fluid and to a high pressure turbine inlet (18) of the multistage steam turbine (16) to drive the steam turbine (16). The solar thermal power system (10) also has a second operating mode in which steam is generated by recovering stored thermal energy from the thermal energy storage fluid of the thermal energy storage arrangement (14), the steam generated during the second operating mode having a lower storage discharge pressure and temperature than the steam generated during the first operating mode. The steam at the discharge pressure and temperature is injected into the multistage steam turbine (16) to drive the steam turbine at a location or turbine stage downstream of the high pressure turbine inlet (18) where the storage steam discharge pressure exceeds the pressure present in the turbine stage during the first operational mode and hence increase the mass flow through the turbine compared to the mass flow during the first operational mode, thereby maximising the power output of the steam turbine (16) during the second operating mode.

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

(21) Application No.4534/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :04/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: THYMOL AND TOTAROL ANTIBACTERIAL COMPOSITION

(51) International :A01N31/08,A61K8/34,A61K31/05 classification

(31) Priority Document No :NA

(32) Priority Date :NA (33) Name of priority country: NA

(86) International Application :PCT/US2011/065024

No :15/12/2011 Filing Date

(87) International Publication :WO 2013/089721 No

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

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

Number :NA Filing Date

(71)Name of Applicant:

1)COLGATE PALMOLIVE COMPANY

Address of Applicant :300 Park Avenue New York New York

10022 U.S.A.

(72)Name of Inventor: 1)HOURIGAN Regina

2)GAFUR Rehana 3)MATTAI Jairajh 4)MASTERS James

5)DU THUMM Laurence

6)PILCH Shira

(57) Abstract:

An antibacterial composition comprising thymol and totarol. This combination provides synergistic effect against gram negative and gram positive bacteria.

No. of Pages: 8 No. of Claims: 15

(21) Application No.788/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :18/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: REAR SPOLER FOR A 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 Filing Date 	:B62D :102012102442.1 :22/03/2012 :Germany :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)DR. ING. H.C. F. PORSCHE AKTIENGESELLSCHAFT Address of Applicant: PORSCHEPLATZ 1, 70435 STUTTGART, GERMANY (72)Name of Inventor: 1)THOMAS, PETER 2)PFAFFLE, MATTHIAS
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(57) Abstract:

A continuous retaining strip which has locally U-shaped insertion receptacles for the insertion of the rear spoiler is mounted on the upper side of a transversely running, upper tailgate frame. A z position of said receptacle results in the flush mounting with respect to the premounted roof plate. An x position is determined by latching lugs engaging in five insertion receptacles and by a lateral x screw connection. A joint laterally with respect to the side part is produced from an oblique screw connection.

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

(22) Date of filing of Application :19/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: CHARGING APPARATUS FOR A MOTOR VEHICLE FOR CHARGING A VEHICLE BATTERY

(51) International classification (31) Priority Document No	:H02J :10201202419	(71)Name of Applicant : 1)DR. ING. H.C. F. PORSCHE AKTIENGESELLSCHAFT
(32) Priority Date	:21/03/2012	Address of Applicant :PORSCHEPLATZ 1, 70435
(33) Name of priority country	:Germany	STUTTGART, GERMANY
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)WILFRIED EBERLE
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a charging apparatus 10 for a motor vehicle for charging a vehicle battery, having a charging socket arrangement 12, 112 comprising a charging socket 15, 115, which is designed to receive a charging plug 10 which is connected to a charging cable, and an adapter device 18, 118 for receiving the charging socket 15, 115. The charging apparatus 10 also contains a charging cradle 22 for sealing off the charging socket 15, 115 from a body of the motor vehicle, and a reinforcing element 25 which is designed 15 to receive the charging socket arrangement 12, 112.

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

(19) INDIA

(22) Date of filing of Application :20/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: ELECTRIC VEHICLE

(51) International classification	:B21B	(71)Name of Applicant :
(31) Priority Document No	:2012-	1)HONDA MOTOR CO.,LTD.
(31) Thomas Document No	069736	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,
(32) Priority Date	:26/03/2012	MINATO-KU, TOKYO, 107-8556, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)YOSHIYUKI HORII
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.837/DEL/2013 A

(57) Abstract:

To provide an electric vehicle that enables a large battery space to be secured without elongating a wheelbase. [Solution] In an electric vehicle that is mounted with batteries 22 and whose vehicle driving motor 21 is driven by electric power from the batteries 22, a battery frame 15 to support the batteries 22 is provided, the battery frame 15 has a pair of left and right plates 42 and 41 to the left and right of a rear wheel 4 of the electric vehicle 1, and the batteries 22 are arranged divided between and supported by the plates 42 and 41.

No. of Pages: 70 No. of Claims: 14

(22) Date of filing of Application :22/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: PRIMARY MATERIAL FOR PLASTIC MOLDS OR PLASTIC MOLD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B29D :202012003298.4 :30/03/2012 :Germany :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)BUDERUS EDELSTAHL GMBH Address of Applicant:BUDERUSSTRASSE 25, D-35576 WETZLAR, GERMANY (72)Name of Inventor: 1)PETER VETTER
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(57) Abstract:

The invention relates to a primary material for plastic molds or a plastic mold per se with high use-hardness. In order to achieve a higher material hardness and improved fine-grain structure of the mold + material as compared to the prior art according to EP 1 25 1 1 87 B1, it is provided according to the invention to temper a primary material or a mold with a composition in percent by weight of C = 0.25 - 0.35 Si = 0.04 - 0.20 Mn = 1.00 - 2.00 Cr = 1.00 - 2.00 Ni = 0.30 - 1.00 less than 0.90 MO =0.30 - 0.80 V = less than / equal to 0.20 A1 = 0.01 - 0.03 N = 0.0025 - 0.01 50 S =lessthanO.15 Fe and manufacturing-specific impurities as the remainder to a hardness of higher than 340 HB.

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

(22) Date of filing of Application :22/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: ADHESIVE FASTENER FOR FOAM MOLDING AND CUSHION THEREOF

(51) International classification(31) Priority Document No(32) Priority Date	:A44B :101143041 :19/11/2012	Address of Applicant :NO. 575, HO KANG RD., HO MEI
(33) Name of priority country(86) International Application No	:Taiwan :NA	TOWN, CHANG HUA HSIEN, TAIWAN China (72)Name of Inventor:
Filing Date	:NA	1)CHENG, ALLEN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An adhesive fastener for foam molding and cushion thereof are disclosed herein. The adhesive fastener comprises a strip. The strip comprises a surface with a plurality of first hooks and second hooks. The first hooks are disposed on an adhesive area and the second hooks are disposed on a surrounding area of the adhesive area. The arrange density of the first hooks is greater than the arrange density of the second hooks. Therefore, when the adhesive fastener is used in a foam material cushion, the adhesive and fastening function in the adhesive area is working normally and a combining force between the adhesive fastener and the foam material is performed well. 12

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

(21) Application No.4632/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/06/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: PROVIDING AND DYNAMICALLY MOUNTING AND HOUSING PROCESSING CONTROL **UNITS**

(51) International classification :G06F1/20,G06F1/16,H05K7/20 (71)Name of Applicant : (31) Priority Document No 1)SULLIVAN Jason A. :61/558433

:10/11/2011 (32) Priority Date (33) Name of priority country :U.S.A.

(86) International Application No: PCT/US2012/064679 Filing Date :12/11/2012

(87) International Publication No :WO 2013/071240

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

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

Address of Applicant :299 South Main Street Suite 1300 Salt

Lake City Utah 84111 U.S.A. (72)Name of Inventor:

1)SULLIVAN Jason A.

(57) Abstract:

Systems and methods for mounting a modular processing unit that is configured to be selectively used alone or with other processing units in an enterprise. A modular processing unit is provided as a platform that is lightweight compact and is configured to be selectively used alone or oriented with one or more additional processing units (including base modules and/or peripheral modules) in an enterprise. The one or more processing units are dynamically mounted based upon the particular enterprise needed and corresponding environment. In at least some implementations shock mounting is included to provide for needed shock and vibe requirements. In some implementations the mounting system includes a fixed mounting system for environments that need to be fixably secured. In other implementations a selectively releasable connector is provided to allow for ease in mounting and removing the dynamically modular processing unit. In other implementations a press fit connector is provided to allow for ease in mounting and removing the dynamically modular processing unit.

No. of Pages: 86 No. of Claims: 1

(22) Date of filing of Application :07/06/2014

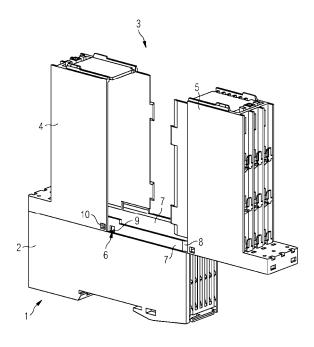
(43) Publication Date: 06/02/2015

(54) Title of the invention : ELECTRONIC HOUSING FOR SWITCHING DEVICES IN PARTICULAR FOR LOW VOLTAGE SWITCHING DEVICES

(33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (33) Name of priority country (PCT/EP2013/054962 (12/03/2013 (13) FR-HLICH Paul (13) PR-HLICH Paul (14) Paul (15) PR-HLICH Paul (16) PRIORITY STATE Manuel (17) Name of Inventor: (18) International Publication (19) PR-HLICH Paul (19) PRIORITY STATE Manuel (19) PR	Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:10 2012 204 400.0 :20/03/2012 :Germany :PCT/EP2013/054962 :12/03/2013 :WO 2013/139642 :NA :NA	1)FR-HLICH Paul 2)GEITNER Manuel 3)HOLMER Wolfgang 4)MEIER Markus
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(57) Abstract:

The invention relates to an electronic housing (1) for switching devices comprising a housing lower part (2) and a housing upper part (3). The invention is characterized in that a guide (7) is formed in the interface region (6) between the housing upper part (3) and the housing lower part (2) such that the housing upper part (3) can be slid onto the housing lower part (2) in the X direction via the guide (7) in a fully automatic process.



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

(21) Application No.4634/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/06/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: METHOD FOR OPTIMIZED OPERATION OF AN ELECTRICALLY DRIVEN RAIL VEHICLE ON A PREDEFINED ROUTE

(51) International classification :B61L3/00,B61L27/00,B60L1/00 (71)Name of Applicant:

(31) Priority Document No :102011088544.7

(32) Priority Date :14/12/2011 (33) Name of priority country :Germany

(86) International Application :PCT/EP2012/075520

:14/12/2012 Filing Date

(87) International Publication No:WO 2013/087832 (61) Patent of Addition to

·NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)SIEMENS AKTIENGESELLSCHAFT

Address of Applicant: Wittelsbacherplatz 2 80333 M¹/₄nchen

(72)Name of Inventor: 1)PORSCH Roland

(57) Abstract:

The invention relates to a method for optimized operation of an electrically driven rail vehicle on a predefined route. In order to optimize the known method even further the costs of the electrical energy which is fed into the route and/or the environmental loading are sensed during the generation of the electrical energy which is fed into the route. The method of locomotion of the rail vehicle on the route is set taking into account the level of the costs of the electrical energy and/or the environmental loading in the generation of the electrical energy for the route.

No. of Pages: 9 No. of Claims: 6

(12) FATENT AFFLICATION FUBLICATION

(22) Date of filing of Application :26/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: SCROLL COMPRESSOR

(51) International classification (31) Priority Document No	:F04C :12/53466	(71)Name of Applicant : 1)DANFOSS COMMERCIAL COMPRESSORS
(32) Priority Date	:16/04/2012	Address of Applicant :ROUTE DEPARTMENTALE 28 ZI
(33) Name of priority country	:France	LIEUDIT LES COMMUNAUX REYRIEUX, 01600 TREVOUX
(86) International Application No	:NA	FRANCE
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)GENEVOIS DAVID
(61) Patent of Addition to Application Number	:NA	2)ROSSON Y VES
Filing Date	:NA	3)DUGAST PHILIPPE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.914/DEL/2013 A

(57) Abstract:

(19) INDIA

The compressor according to the compressor comprises a sealed enclosure (2) containing a compression stage (6), an electric motor having a stator (21) provided with a first and second end windings (21a, 21b), an intermediate casing (27) surrounding the stator (21) so as to define an annular outer volume (28) with the sealed enclosure, connecting means arranged to fluidly connect the compression stage (6) and a distal chamber (29b) defined by the intermediate casing and the electric motor and comprising the second end winding (21b), and a refrigerant suction inlet (18) emerging in the annular outer volume (28). The connecting means comprise at least one refrigerant circulation duct (37) situated outside the intermediate casing (27), and at least one distal window (39) formed on the intermediate casing (27) and emerging on the one hand in the at least one refrigerant circulation duct (27) and on the other hand in the distal chamber (29b) near the second end winding (21b) of the stator (21).

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

(21) Application No.6704/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/07/2013

(43) Publication Date: 06/02/2015

(54) Title of the invention : FUNGICIDAL AND BACTERICIDAL COMPOSITION THAT COMPRISES VOLATILE ORGANIC COMPOUNDS OF NATURAL ORIGIN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A01N63/04,A01N31/00 :201130341 :11/03/2011 :Spain :PCT/ES2012/070002 :05/01/2012 :WO 2012/123605 :NA :NA	(71)Name of Applicant: 1)BIOFUNGITEK SOCIEDAD LIMITADA Address of Applicant: Parque Tecnologico De Bizkaia Edificio 800 2ª Planta E 48170 Zamudio (Bizkaia) Spain (72)Name of Inventor: 1)UGALDE MARTINEZ Unai Ona 2)RODRIGUEZ URRA Ana Belen 3)FUNDAZURI ZUGAZAGA Olatz
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a composition with fungicidal and bactericidal activity, which comprises volatile o organic compounds (VOCs) obtained from plants and microorganisms, in which said VOCs are C4-C12 fatty alcohols or eyelic alcohols or phenol-derived compounds, or terpene-derived compounds, and also derivatives and mixtures thereof. Furthermore, the present invention likewise relates to the use of said compositions in the protection of agricultural crops, in post-harvest treatments, in food preservation and in the disinfection of facilities and equipment.

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

(12) TATENT ALTEREATION TODERCATION

(21) Application No.6707/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: SAFETY HARNESS

(51) International classification	:A62B35/04,A62B35/00	(71)Name of Applicant:
(31) Priority Document No	:10 2011 003 579.6	1)WOBBEN PROPERTIES GMBH
(32) Priority Date	:03/02/2011	Address of Applicant :Dreekamp 5 26605 Aurich Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:PCT/EP2012/051740	1)G-PFERT Heinrich
Filing Date	:02/02/2012	2)GIMMERTHAL Mike
(87) International Publication No	:WO 2012/104368	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provision is made for a safety harness with a ehest strap (20), an abdominal strap (30) and a damping unit (50) between the ehest strap and the abdominal strap (20, 30). The damping unit (50) is designed to limit the maximum force of the safety harness exerted on the wearer in the case of a fall. The damping unit (50) has a connector (51) for connection to an external runner (110).

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

(21) Application No.6708/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/07/2013

(43) Publication Date: 06/02/2015

(54) Title of the invention: NOVEL HETEROCYCLIC DERIVATIVES AND THEIR USE IN THE TREATMENT OF NEUROLOGICAL DISORDERS

(51) International :C07D413/14,C07D487/04,A61K31/5377

classification

(31) Priority Document :77/DEL/2011

(32) Priority Date :13/01/2011 (33) Name of priority

:India country (86) International

:PCT/EP2012/050395 Application No

:11/01/2012 Filing Date

(87) International

:WO 2012/095469 Publication No

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

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

(71)Name of Applicant: 1)NOVARTIS AG

Address of Applicant :Lichtstrasse 35 CH 4056 Basel

Switzerland

(72)Name of Inventor: 1)BADIGER Sangamesh 2)CHEBROLU Murali

3) HURTH Konstanze 4)JACQUIER Sbastien 5)LUEOEND Rainer Martin

6)MACHAUER Rainer 7)RUEEGER Heinrich

8)TINTELNOT BLOMLEY Marina

9)VEENSTRA Siem Jacob 10)VOEGTLE Markus

(57) Abstract:

The invention relates to novel heterocyclic compounds of the Formula (I) in which all of the variables are as defined in the specification pharmaceutical compositions thereof combinations thereof and their use as medicaments particularly for the treatment of Alzheimer's Disease or diabetes via inhibition of BACE 1 or BACE 2.

No. of Pages: 143 No. of Claims: 17

(21) Application No.786/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :18/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: TURBINE DIAPHRAGM CONSTRUCTION

(51) International classification	:F01D	(71)Name of Applicant :
(31) Priority Document No	:12160555.4	1)ALSTOM TECHNOLOGY LTD
(32) Priority Date	:21/03/2012	Address of Applicant :BROWN BOVERI STRASSE 7, 5400
(33) Name of priority country	:EUROPEAN	BADEN, SWITZERLAND
	UNION	(72)Name of Inventor:
(86) International Application No	:NA	1)BRUMMITT-BROWN, ANGUS, ROBERT
Filing Date	:NA	2)LORD, ADRIAN, CLIFFORD
(87) 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 turbine diaphragm has radially inner and outer hollow diaphragm rings (22, 24) comprising box structures that include the radially inner and outer platform portions (261, 262) of static blade units (26) as part of their structures. The box structures are strengthened by the incorporation of ribs or struts (28, 30) which extend radially and axially between the walls of the box structures,

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

(22) Date of filing of Application :22/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: MODULAR DRIVE SYSTEM

(31) Priority Document No (32) Priority Date (32) 22/0	1)HANNING ELEKTRO-WERKE GMBH & CO. KG Address of Applicant :HOLTER STRAE 90 33813 OERLINGHAUSEN DEUTSCHLAND Germany (72)Name of Inventor : 1)SCHWEERS ANDRE 2)SOETEBIER ERICH
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(57) Abstract:

Drive system which comprises an electric motor with a stator and a rotor that is nonrotatably fixed to a shaft in coaxial relation to the stator wherein the stator, the rotor, the shaft and at least one support means assigned to said stator are arranged as part of a casing base module, wherein a casing cover module assigned to the face end of the rotor and connected to the casing base module as well as at least two bearings to support the shaft are provided, and wherein the casing base module and/or the casing cover module have seats for bearings to be arranged in, wherein the drive system is a modular drive arrangement which in line with the modularity concept has at least two different casing cover modules which are each adapted to be connected to the casing base module, that for a first application said casing base module is linked to a first casing cover module and that for a second application that same casing base module is mounted to a second casing cover module.

No. of Pages: 17 No. of Claims: 14

(22) Date of filing of Application :26/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: MANUFACTURING METHOD OF A COMPONENT OF A SPLIT BLADE OF A WIND TURBINE

(51) International classification	:F03D	(71)Name of Applicant :
(31) Priority Document No	:ES201200351	1)GAMESA INNOVATION & TECHNOLOGY, S.L.
(32) Priority Date	:03/04/2012	Address of Applicant : AVENIDA CIUDAD DE LA
(33) Name of priority country	:Spain	INNOVACION, 9-11, 31621 SARRIGUREN (NAVARRA)
(86) International Application No	:NA	SPAIN
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)AROCENA DE LA RUA, ION
(61) Patent of Addition to Application Number	:NA	2)SANZ PASCUAL, ENEKO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention provides a manufacturing method of a component of a split blade of a wind turbine (such as an inboard shell or an inboard spar) having joining elements with its complementary component (i.e. an outboard shell or an outboard spar). The method comprises the following steps: a) manufacturing a joint laminate of a composite material having embedded into it the joining elements, said joint laminate being configured for becoming a part of the component; b) manufacturing the component using as a preform said joint laminate. The invention also refers to a split blade comprising components manufactured by said manufacturing method.

No. of Pages: 13 No. of Claims: 14

(21) Application No.4559/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/06/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: REACTIVE SPUTTERING PROCESS

(51) International

:H01J37/34,C23C14/00,C23C14/34

classification

(31) Priority Document No :61/566836

(32) Priority Date

:05/12/2011 (33) Name of priority country: U.S.A.

(86) International Application

:PCT/EP2012/004848

Filing Date

:23/11/2012

(87) International Publication

:WO 2013/083238

No

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

Filing Date

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

(71)Name of Applicant:

1)OERLIKON TRADING AG TRBBACH

Address of Applicant : Hauptstrasse 53 CH 9477 Tr¹/₄bbach

Switzerland

(72) Name of Inventor:

1)KRASSNITZER Siegfried

(57) Abstract:

The invention relates to a method for reactive sputtering in which by means of ion bombardment material is ejected from the surface of a first target and undergoes transition to the gas phase wherein negative voltage is applied pulsewise to the target in such a way that an electric current having a current density of greater than 0.5A/cm occurs at the target surface such that the material undergoing transition to the gas phase is at least partly ionized and in which a reactive gas flow is established and reactive gas reacts with the material of the target surface characterized in that the duration of a voltage pulse is chosen such that during the voltage pulse the target surface at the location or locations at which the current flows most of the time is covered at least partly with a compound composed of reactive gas and target material and consequently the target surface is in a first intermediate state and this covering is smaller at the end of the voltage pulse than at the start of the voltage pulse and consequently the target surface is in a second intermediate state at the end of the voltage pulse.

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

(21) Application No.4560/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: METHOD FOR PRODUCING PURIFIED TEA EXTRACT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A23F3/16 :2011279691 :21/12/2011 :Japan :PCT/JP2012/082209 :12/12/2012 :WO 2013/094494 :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)SHIKATA Kenichi 2)OHMINAMI Hideo 3)SATO Hitoshi
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention provides a method for producing a purified tea extract with which solubility of non polymer catechins in solvents has been increased. This method for producing a purified tea extract involves bringing a tea extract into contact with a magnesium or lithium cation exchange resin.

No. of Pages: 48 No. of Claims: 16

(22) Date of filing of Application :26/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : STACKER FOR A MACHINE FOR SORTING POSTAL ARTICLES, AND SORTING MACHINE PROVIDED WITH SUCH A STACKER

(51) Intermeticanal algorification	:B07C	(71)Name of Applicant
(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:TO2012A	1)SELEX ES S.P.A.
•	000276	Address of Applicant :60, VIA PIEMONTE, ROMA, ITALY
(32) Priority Date	:27/03/2012	Italy
(33) Name of priority country	:Italy	(72)Name of Inventor:
(86) International Application No	:NA	1)FRANZONE CRISTIANO
Filing Date	:NA	2)BODANZA SIMONE ANTONINO
(87) International Publication No	: NA	3)MORTOLA MASSIMO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A stacker (5) for a machine for sorting postal articles having a base (10) with a plane (11) defining a support for a lower edge of said postal articles and with an inlet (16) for stacking postal articles along a longitudinal axis (14) on said plane (11); a movable shoulder (20) is axially aligned 10 with the inlet (16) and slides axially from this inlet (16) as a function of the amount of stacked postal articles; the base (10) is extensible in a direction parallel to the longitudinal axis (15), so as to substantially give free access to an underlying stacker (6) when the base (10) is arranged in a 15 minimal length configuration.

No. of Pages: 17 No. of Claims: 14

(22) Date of filing of Application :28/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: SYSTEM AND METHOD FOR VALIDATING AN ORTHOPAEDIC SURGICAL PLAN

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	:13/436,859	` /
(32) Priority Date	:31/03/2012	l '
(32) Name of priority country		RAYNHAM MA 02767-0350, USA
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)JASON T. SHERMAN
(87) International Publication No	: NA	2)ROBERT S. HASTINGS
(61) Patent of Addition to Application Number	:NA	3)JOSE F. GUZMAN
Filing Date	:NA	4)LUKE J. ARAM
(62) Divisional to Application Number	:NA	T)LUKE 6. AKAM
Filing Date	:NA	
Filing Date	:INA	

(57) Abstract:

A system and method for validating an orthopaedic surgical plan includes a data tag associated with a patient-specific orthopaedic surgical instrument and a data reader to read the data tag to obtain surgical procedure parameters from the data tag. A display module may display the surgical procedure parameters and/or identification data to validate the patient specific orthopaedic surgical instrument. Additionally, the system may include a sensor module to generate joint force data indicative of a joint force of a patients joint. The display module may be configured to display the joint force data in association with the surgical procedure parameters.

No. of Pages: 67 No. of Claims: 23

(22) Date of filing of Application :01/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : LARGE GAP DOOR/WINDOW, HIGH SECURITY, INTRUSION DETCTORS USING MAGNETOMETERS

(51) International classification	:G01R	(71)Name of Applicant :
(31) Priority Document No	:13/441,959	1. /
(32) Priority Date	:09/04/2012	Address of Applicant :101 COLUMBIA ROAD, P.O. BOX
(33) Name of priority country	:U.S.A.	2245, MORRISTOWN, NJ 07962-2245, UNITED STATES OF
(86) International Application No	:NA	AMERICA
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MARK C. BUCKLEY
(61) Patent of Addition to Application Number	:NA	2)DAVE EUGENE MERRITT
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A door, or window detector incorporates a magnet and a magnetometer. Dual loop processing can be provided for real-time signals from the magnetometer, as the magnet moves relative to it, to determine when at least one of small gap or large gap indicating alarms should be issued. Security can be substantially increased by randomizing the orientation of the magnet.

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

(21) Application No.2622/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :02/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: METHOD FOR PREPARING A VANILLIN DERIVATIVE

(51) International classification	:C07C45/64,C07C47/575	(71)Name of Applicant :
(31) Priority Document No	:1159007	1)RHODIA OPERATIONS
(32) Priority Date	:06/10/2011	Address of Applicant :40 rue de la Haie Coq F 93306
(33) Name of priority country	:France	Aubervilliers France
(86) International Application No	:PCT/EP2012/069732	(72)Name of Inventor:
Filing Date	:05/10/2012	1)GAREL Laurent
(87) International Publication No	:WO 2013/050537	2)VIBERT Martine
(61) Patent of Addition to Application	:NA	3)COCHENNEC Corine
Number	:NA	4)METZ Fran§ois
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a method for preparing a compound of formula (I) comprising the reaction of vanillin and vanillyl alcohol in the presence of a base.

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

(22) Date of filing of Application :18/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: TURBINE ROTOR FOR A THERMAL ELECTRIC POWER STATION

	e :19/03/2012 Address of Applicant :BROWN BOVERI STRASSE 7, 5400 BADEN, SWITZERLAND (72)Name of Inventor: 1)BERQUIER, CHRISTOPHE 1) Publication No 1: NA 2)BATOT, ANDRE 1 Publication Number 2 SATOT, ANDRE 2 O Application Number 3 NA 3 NA 4 NA 5 NA 5 NA
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(57) Abstract:

The technical field of the invention is that of turbine rotors for a thermal electric power station and the subject of the invention is, more particularly, a rotor of a turbine for a thermal electric power station, said rotor comprising a plurality of blades, each comprising at least one root and a vane; and at least one rotor disk secured to a shaft able to be in rotation about a reference axis, the rotor disk comprising on its periphery outgrowths in which to fit the blades, so that the vanes of the blades are arranged radially with respect to the reference axis; said rotor being one wherein: - the rotor disk comprises a groove opening axially and having a lower face and an upper face, the lower face of the groove of the rotor disk being situated on the periphery of said rotor disk and the upper face of the groove of the rotor disk being situated on the outgrowths and facing the lower face; - each of the blades comprises, at its root, a lateral projection directed axially, said lateral projection having, in its lower part, a groove portion having an upper face situated in the continuation of the upper face of the groove of the rotor disk; - at least one locking means for locking the blades is positioned in the groove of the rotor disk. 21

No. of Pages: 27 No. of Claims: 8

(22) Date of filing of Application :28/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: PIECE OF LUGGAGE, IN PARTICULAR SUITCASE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:Austria :NA	(71)Name of Applicant: 1)VOY GEAR GMBH Address of Applicant: PROF. DR. STEPHAN KOREN- STRASSE 10, 2700, WIENER NEUSTADT, AUSTRIA (72)Name of Inventor: 1)MICHAEL KOGELNIK
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:NA : NA :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a piece of luggage (I), in particular a suitcase, comprising a shell (2) of at least partially rigid material and side elements (3, 4), wherein the shell (2) of the piece of luggage (1) is embodied so as be capable of being unfolded or unrolled and is provided on the inner side with holding elements (5), which are equipped to hold at least one piece of clothing (6). In order to store a piece of clothing (6) in a preferably crease-proof manner, the shell (2) is arranged at a defined distance (d) around a core (7) in the closed state of the piece of luggage (I), wherein the at least one piece of clothing (6) is stored in a substantially crease-free and pressure-free manner within the space (8), which is formed by means of the defined distance (d) between core (7) and shell (2).

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

(22) Date of filing of Application :01/04/2013

(43) Publication Date: 06/02/2015

(54) Title of the invention : SECURITY SYSTEM AND METHOD FOR CONTROLLING INTERACTIONS BETWEEN COMPONENTS OF A COMPUTER 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 	:G06F :1207404.3 :27/04/2012 :U.K. :NA :NA : NA : NA :NA	(71)Name of Applicant: 1)GE AVIATION SYSTEMS LIMITED Address of Applicant: BISHOPS CLEEVE, CHELTENHAM, GLOUESTERSHIRE, GL52 8SF (GB) U.K. (72)Name of Inventor: 1)SLYFIELD, CHRISTOPHER JAMES
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to controlling interactions between one or more components of a computer system, where each component is assigned a fixed security level and all currently active and newly requested interactions between components of the system are monitored. If the difference between the security levels assigned to the source and destination components exceeds one level, the requested interaction is prohibited. If not, then if a component is engaged in an interaction with any component with a lower assigned security level than its own, then it may not initiate or accept an interaction request with a component that is of, or is currently engaged in, an interaction of a higher assigned security level. If, however, a component is engaged in an interaction with any component with a higher assigned security level, it may not initiate or accept an interaction request with a component that is of, or is currently engaged in, an interaction of a lower assigned security level. Further, if a component contains data having a higher security level than that assigned to the component of a lower assigned security level. If however, a component contains data having a lower { p security level than that assigned to the component, it may not initiate or accept an interaction request with a component that is of, or is currently engaged in, an interaction with a component of a higher assigned security level. In all other instances, the requested interaction is allowed.

No. of Pages: 32 No. of Claims: 9

(22) Date of filing of Application :06/06/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: COUNTERCURRENT GASIFICATION USING SYNTHESIS GAS AS THE WORKING MEDIUM

(51) International classification :C10J3/12,C10J3/72,C10J3/66 (71)Name of Applicant : (31) Priority Document No :10 2011 121 508.9

(32) Priority Date :16/12/2011 (33) Name of priority country :Germany

(86) International Application No :PCT/EP2012/005049 Filing Date :07/12/2012

(87) International Publication No :WO 2013/087172

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

Number :NA Filing Date

1)ECOLOOP GMBH

Address of Applicant: Geheimrat Ebert Strasse 12 38640

Goslar Germany

(72)Name of Inventor: 1)M-LLER Roland 2)BAUMANN Leonhard

(57) Abstract:

The invention relates to an autothermal method that is used for the continues gasification of carbon rich substances (A) in a vertical process chamber (2) having a reduction zone (12) and an oxidation zone (6) in which the carbon rich substances calcined in the reduction zone oxidize with oxygen containing gas (8) wherein the gaseous reaction products (15) are drawn off at the top face of the vertical process chamber the vertical process chamber is constructed in the form of a vertical shaft furnace through which bulk material (3) which itself is not oxidized flows continuously from top to bottom wherein the carbon rich substances are added to the bulk material before entering into the vertical process chamber. According to the invention in order to be able to produce high quality synthesis gas having a minimal fraction of inert gas without detrimentally influencing the energy efficiency of the countercurrent gasification carbon monoxide containing gas is introduced as cooling gas (10) into a cooling zone (11) at the lower end of the vertical shaft furnace.

No. of Pages: 19 No. of Claims: 26

(22) Date of filing of Application :20/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: LOW-SLUNG ELECTRIC VEHICLE

(57) Abstract:

To provide a low-slung electric vehicle that is adapted not only to facilitate operations of mounting and removing a battery unit but also to prevent rattling of the mounted battery unit, and that is also capable of preventing an operator from forgetting to disconnect a cable in removing the battery unit. [Constitution] A battery unit BU is provided with rolling rollers 36a. Recesses 44a are formed in upper sides of guide rails 43 for the rolling rollers 36a to roll on so as to allow the rolling rollers 36a to drop therein when the battery unit BU is moved to a terminal position. Engaging projections 37 and engagement holes 46 are formed on a lower side of the battery unit BU and an upper side of a floor plate 19 such that the engaging projections 37 and the engagement holes 46 are fitted to each other when the rolling rollers 36a drop into the recesses 44a. After an access gate 27 is closed, a connecting cable 3 9 is looped over a part of the access gate 27. In this state, an electrode connector 42 is connected to a feeder connector 41.

No. of Pages: 60 No. of Claims: 10

(19) INDIA

(22) Date of filing of Application :04/06/2014

(21) Application No.4514/DELNP/2014 A

(43) Publication Date: 06/02/2015

(54) Title of the invention: PLUNGER ROD RETAINING ANCHORS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A61M5/315 :61/558581 :11/11/2011 :U.S.A. :PCT/US2012/063800 :07/11/2012 :WO 2013/070663 :NA :NA	(71)Name of Applicant: 1)BECTON DICKINSON AND COMPANY Address of Applicant: 1 Becton Drive Franklin Lakes New Jersey 07417 U.S.A. (72)Name of Inventor: 1)IVOSEVIC Milan
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A plunger rod includes: an elongated body formed by a plurality of orthogonally spaced elongated ribs extending along a longitudinal axis; a first ledge adjacent a first end of the elongated body; a second ledge adjacent a second end of the elongated body; and an attachment portion extending from the second ledge. The second end of the elongated body opposes the first end of the elongated body. At least one elongated rib includes a retaining anchor positioned adjacent the second end adjacent the second ledge.

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

(22) Date of filing of Application :21/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: MUSICAL INSTRUMENT HEAD MOUNTING DEVICE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:F16D :13/573,146 :27/08/2012 :U.S.A.	
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)REMO D. BELLI
(87) International Publication No	: NA	2)JAMES H. MAY
(61) Patent of Addition to Application Number	:NA	3)CHRIS WHITTINGTON
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A musical drum instrument with a hollow shell having one or more openings, each having the capability of forming a circumferential bearing edge, and a head member having a playing surface. Also provided is a single tapered coupling with the narrowest portion of the tapered coupling situated in near proximity to at least one of the hollow shell openings or mating tapered couplings integrated with the outside surface of the shell wall and inside surface of the wall of the head member, respectively. The head member with orwithoutthe integrated tapered coupling is mounted upon the end of the hollow shell its integrated tapered couple with the head member and the hollow shell converging in frictional enga- I gement to establish an airtight fit sealing the juncture where the two are joined to enable the direct transfer of energy produced upon the striking of the playing surface to enhance the sound quality of the musical instrument.

No. of Pages: 47 No. of Claims: 46

(22) Date of filing of Application :02/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: SEPARABLE SEAL ASSEMBLY

(51) International classification(31) Priority Document No(32) Priority Date	:F01D :61/639,403 :27/04/2012	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:U.S.A.	NEW YORK 12345, U.S.A. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DELDONNO, ANDREW MARK
(87) International Publication No	: NA	2)WESLING, RICHARD ALAN
(61) Patent of Addition to Application Number	:NA	3)CRALL, DAVID WILLIAM
Filing Date	:NA	4)PEPI, JASON FRANCIS
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A seal assembly for sealing a rotatable shaft in a gas turbine engine, wherein the shaft includes sections of greater shaft diameter located both forward and aft of the seal shaft coupling point is provided. The seal assembly includes a first semi-annular segment with a first end, a second end, and a plurality of seal teeth, k where the first and second ends each include an overlap joint. The seal assembly also includes a second semi-annular segment with a first end, a second end, and a plurality of seal teeth, where the first and second ends each include an overlap joint. The first end of the second segment is coupled to the first end of the first segment, and the second end of the second segment is coupled to the second end of the first segment.

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

(22) Date of filing of Application :26/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: LIQUID COOLED THERMAL CONTROL SYSTEM FOR AN IMAGING DETECTOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:NA :NA	Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, U.S.A. Delhi India (72)Name of Inventor: 1)JOSHI, ASHUTOSH
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	2)LACEY, JOSEPH JAMES 3)SATRIA, MEDY

(57) Abstract:

A liquid cooled thermal control system for a computed tomography (CT) detector includes a plurality of temperature sensors and a control mode selector module coupled to the plurality of temperature sensors. The control mode selector module is programmed to receive an input from the plurality of temperature sensors, identify the inputs as either valid inputs or invalid inputs, and determine an operational mode of the liquid cooled thermal control system based on the identified inputs. A CT imaging system and a method of operating a cooling system are also described.

No. of Pages: 42 No. of Claims: 20

(22) Date of filing of Application :28/03/2013

(43) Publication Date: 06/02/2015

(54) Title of the invention : SURGICAL INSTRUMENT AND METHOD OF POSITIONING AN ACETABULAR PROSTHETIC COMPONENT

(51) International classification	:A61H	(71)Name of Applicant :
(31) Priority Document No	:13/434,154	1)DEPUY SYNTHES PRODUCTS, LLC
(32) Priority Date	:29/03/2012	Address of Applicant :325 PARAMOUNT DRIVE,
(33) Name of priority country	:U.S.A.	RAYNHAM, MA 02767-0350, USA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)CARL E. LIVORSI
(87) International Publication No	: NA	2)FRANCISCO A. AMARAL
(61) Patent of Addition to Application Number	:NA	3)ROD G. CAMERON
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An orthopaedic surgical instrument for positioning an acetabular prosthetic component in a patients surgically-prepared acetabulum includes a surgical tool configured to be coupled to the acetabular prosthetic component, and a gravity-based position indicator removably coupled to the surgical tool. The position indicator includes a first marking indicating a first position of the acetabular prosthetic component, and a second marking indicating a second position.

No. of Pages: 43 No. of Claims: 23

(22) Date of filing of Application :28/03/2013

(43) Publication Date: 06/02/2015

(54) Title of the invention : METHOD AND APPARATUS FOR PROVIDING VARIATIONS OF A LOWER-LID CONTACT SURFACE AND UNDER-LID SUPPORT STRUCTURE OF A TRANSLATING MULTIFOCAL CONTACT LENS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G02C :61/617,797 :30/03/2012 :U.S.A. :NA :NA :25 :NA :NA :NA	,
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(57) Abstract:

A translating multifocal contact Lens is described. The lens including a lower-lid contact surface, and optionally an under-lid support structure. More specifically, a translating multifocal contact lens is described whereby a lower-lid contact surface may include multiple geometric variations and blend zones, and an under-lid support structure that may be designed based upon one or more various techniques including one or more of a function-driven technique, a uniform axial thickness technique, a uniform radial thickness technique, and a minimal energy surface (MES) technique.

No. of Pages: 94 No. of Claims: 22

(21) Application No.980/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :01/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: METHODS OF LIGHTENING THE SKIN

(51) International classification	:A61K	(71)Name of Applicant:
(31) Priority Document No	:13/437,298	l / /
(32) Priority Date	:02/04/2012	Address of Applicant :199 GRANDVIEW ROAD,
(33) Name of priority country	:U.S.A.	SKILLMAN, NJ 08558, USA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)CHONG JIN LOY
(87) International Publication No	: NA	2)KHALID MAHMOOD
(61) Patent of Addition to Application Number	:NA	3)CLAUDE SALIOU
Filing Date	:NA	4)PAUL WARREN REDDELL
(62) Divisional to Application Number	:NA	5)VICTORIA ANNE GORDON
Filing Date	:NA	

(57) Abstract:

Provided are methods of lightening skin by applying certain aromatic compounds or botanical extracts containing such compounds to the skin.

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

(21) Application No.4479/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: CHEMICAL 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 	:11195501.9 :23/12/2011 :EPO	(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)RESTORP Per Anders 2)ANDERSSON Arne Olov Roland 3)RONNE Nils Erik
- 14	:NA :NA :NA	

(57) Abstract:

Compounds according to formula (I) or formula (II) wherein R and R independently from each other are chosen among hydrocarbons having from 1 carbon atom up to 30 carbon atoms with the proviso that at least one of R and R are chosen among hydrocarbons having at least 8 carbon atoms and A is a halogen. Use of compounds as hydrophobing agent such as sizing agent.

No. of Pages: 32 No. of Claims: 15

(22) Date of filing of Application :19/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : COATING METHOD FOR DEPOSITING A LAYER SYSTEM ON A SUBSTRATE AND SUBSTRATE HAVING A LAYER 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 	UNION :NA :NA : NA : NA :NA :NA :NA	(71)Name of Applicant: 1)SULZER METAPLAS GMBH Address of Applicant: AM BOTTCHERBERG 30-38, 51427 BERGISCH GLADBACH, GERMANY (72)Name of Inventor: 1)DR. JORG VETTER 2)DR. GEORG ERKENS 3)DR. JURGEN MULLER
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a coating method for depositing a layer system (S) formed from hard material layers on a substrate (1), including the 5 following method steps: Providing an evacuable process chamber having a cathodic arc evaporation source (QI) with an evaporation material (MI) and having a magnetron discharge source (Q2) with a discharge material (M2), wherein the magnetron discharge source (Q2) can be operated in a HIPIMS mode. Subsequently depositing at least one contact layer (SI) 10 including the evaporation material (MI) on the surface of the substrate (1) in a cathodic vacuum arc evaporation process only by means of the cathodic vacuum arc evaporation source (QI). In accordance with the invention, after the depositing of the contact layer (SI), at least one intermediate layer (S2) is deposited in the form of a nanostructured mixed 15 layer, in particular in the form of a nano-layer intermediate layer (S2) in a hybrid phase or as a nanocomposite layer, including the evaporation material (MI) and the discharge material (M2), by parallel operation of the cathodic vacuum arc evaporation source (QI) and of the magnetron discharge source (Q2). In this respect, the magnetron discharge source 20 (Q2) is operated in the HIPIMS mode and subsequently at least one top layer (S3) including the material (M2) is deposited only by means of the., magnetron discharge source (Q2), with the magnetron discharge source (Q2) being operated in the HIPIMS mode. In addition, the invention relates to a substrate having a layer system.

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

(43) Publication Date: 06/02/2015

(21) Application No.853/DEL/2013 A

(22) Date of filing of Application :21/03/2013

(54) Title of the invention: GUIDEWIRE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International 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 :13/441,116 :06/04/2012 :U.S.A. :NA :NA :NA :NA :NA :NA :NA	,
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(57) Abstract:

(19) INDIA

A guidewire comprising an elongate guide member dimensioned for insertion within a body vessel of a subject is disclosed. The guide member defines a longitudinal axis and has trailing and leading end segments. The leading end segment has a reduced cross-sectional dimension relative to a cross-sectional dimension of the trailing end segment. The leading end segment includes at least one finger thereon. A first transverse dimension of the finger is greater than a corresponding first transverse dimension of the leading end segment in contact therewith.

No. of Pages: 27 No. of Claims: 19

(22) Date of filing of Application :06/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: APPARATUS FOR DETECTING AUDIBLE SIGNALS AND ASSOCIATED METHOD

(51) International classification :G01S15/93,G01S7/527,G01S7/533

(31) Priority Document No :10 2011 088 346.0 (32) Priority Date :13/12/2011

(33) Name of priority country: Germany

(86) International Application :PCT/EP2012/073624

Filing Date :26/11/2012

(87) International Publication :WO 2013/087402

No

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

(62) Divisional to Application
Number
Siling 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)KARL Matthias

(57) Abstract:

An apparatus for detecting audible Signals from a sound source is disclosed which has a sampling apparatus for Converting incoming continuous Signals in a manner that discretizes with respect to time, wherein the apparatus has a delay line module which receives samples from the sampling apparatus and which is set up to simultaneously provide both a sample r that is applied to its input and at least one delayed sample (I), and one or more arithmetic units equipped with filtering properties. The O arithmetic units each have a switching unit which acts as a coefficient generator and which is set up to take a sampling clock i as a basis for Controlling whether values rand/or (I) provided by the delay line module are ignored or fractions thereof produced directly - or by right-shiffing are either added or subtracted to/from the previous computation result y or y fl an adding/subtracting unit and a result memory that can be controlled by means of the sampling clock i . In addition, the ratio of the sampling frequency F to the filter frequency / preferably follows the relationship: = $4 (1; 2; 3; 4;...) \pm 15\%$. Furthermore, an associated method is provided.

No. of Pages: 50 No. of Claims: 11

(22) Date of filing of Application :22/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: WIDE DISCOURAGER TOOTH

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:F01D :61/639,560 :27/04/2012 :U.S.A. :NA	l /
(87) International Publication No	: NA	2)ANSTEAD, DUANE HOWARD
(61) Patent of Addition to Application Number	:NA	3)LUZ, JAMES JOHN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Oil sump seal pressurization apparatus for turbine engines are disclosed. An example oil sump seal pressurization apparatus may include a non-rotating oil sump housing a bearing; an oil seal isolating an interior of the oil sump; a passage arranged to supply pressurization air to an outward side of the oil seal; a drain arranged to allow draining of oil and venting of at least some of the pressurization air, the drain being positioned axially between the passage and the oil seal; a wide discourager tooth disposed on the shaft and extending radially outward towards a non-rotating land, which may be disposed axially between the passage and the drain, the wide discourager tooth being spaced apart from the land in a radial direction by a gap, the wide discourager tooth including an upper surface; and/or an adjacent tooth disposed on the shaft and extending radially outward from the shaft.

No. of Pages: 26 No. of Claims: 20

(22) Date of filing of Application :28/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: STEAM PLANT AND METHOD OF OPERATING THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:F01K :1205630.5 :30/03/2012 :U.K. :NA :NA	(71)Name of Applicant: 1)SPIRAX-SARCO LIMITED Address of Applicant: CHARLTON HOUSE, 15 CIRENCESER ROAD, CHELTENHAM, GLOUCESTERSHIRE, GL53 8ER, UNITED KINGDOM (72)Name of Inventor:
(87) International Publication No(61) Patent of Addition to Application NumberFiling Date	: NA :NA :NA	1)GRIFFIN, MIKE
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

There is disclosed a steam plant 10 comprising a boiler 18 arranged to generate steam; a reverse osmosis unit 14 having a RO inlet 46 arranged to receive inflow water 5 and a permeate outlet 58 in fluid communication with the boiler 18 through a permeate line 60, wherein In use the reverse osmosis unit 14 receives Inflow water and generates permeate which is provided to the boiler 18 through the permeate line; a blowdown vessel 20 in fluid communication with the boiler 18 so as to receive hot blowdown water from the boiler 18, and a blowdown vessel outlet 84 which is in fluid 10 communication with the RO inlet 46 through a blowdown return line, wherein in use the blowdown vessel 20 generates cooled blowdown water; and a flow controller 86 having a temperature sensor arranged to monitor the temperature of the cooled blowdown water. In use, if the temperature of the cooled blowdown water is below a threshold then the flow controller 86 operates to direct the cooled blowdown water to the RO inlet 15 46. There is also disclosed a method of operating a steam plant and a method of upgrading an existing steam plant.

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

(22) Date of filing of Application :26/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: INVENTORY POOLING FOR MULTIPLE MERCHANTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:G06Q10/00 :13/044823 :10/03/2011 :U.S.A. :PCT/US2012/027701 :05/03/2012 :WO 2012/122090	(71)Name of Applicant: 1)AMAZON TECHNOLOGIES INC. Address of Applicant: P.O. Box 8102 Reno NV 89507 U.S.A. (72)Name of Inventor: 1)BROWN Michael G. 2)NIEJADLIK Gregory 3)HANEY Stefan M.
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	4)CABRERA Luis Felipe

(57) Abstract:

Disclosed are various embodiments for implementing inventory pooling for multiple merchants. A first inventory of an item held at a first fulfillment center on behalf of a first merchant is contributed to a common pool of inventory. A second inventory of the item held at a second fulfillment center on behalf of a second merchant is contributed to the common pool of inventory. Fulfillment of an order placed by a customer of the first merchant is initiated from the second inventory of the item that was contributed by the second merchant to the common pool of inventory.

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

(22) Date of filing of Application :19/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: COMPOSITION FOR INJECTION MOLDING AND SINTERED BODY PRODUCING PROCESS

(51) International alocalisation	:A61G	(71)Nama of Applicant
(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:2012-	1)SEIKO EPSON CORPORATION
(31) Thomas Document No	076160	Address of Applicant :4-1, NISHISHINJUKU 2-CHOME,
(32) Priority Date	:29/03/2012	SHINJUKU-KU, TOKYO 163-0811, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)YAMAHATA, SHIGEHARU
Filing Date	:NA	2)NAKAMURA, HIDEFUMI
(87) International Publication No	: NA	3)TAKAHASHI, TOMO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A composition for injection molding includes a magnetic metal powder that contains any of Fe, Ni, and Co as a main component, and that has a mass-based particle size distribution in which a particle diameter D10 at 10% cumulative mass is 2 urn or more and less than $5 \mid \text{im}$, a particle diameter D50 at 50% cumulative mass is from 5 j.im to 10 urn, and a particle diameter D90 at 90% cumulative mass is from 12 $\mid \text{im}$ to 28 $\mid \text{im}$; and an organic binder that contains a first resin configured from an unsaturated glycidyl group-containing polymer, and a second resin having a higher softening point than the first resin, wherein the content of the organic binder ranges from 3 parts by mass to 9 parts by mass with respect to 100 parts by mass of the magnetic metal powder.

No. of Pages: 74 No. of Claims: 11

(22) Date of filing of Application :28/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: CONTAINER FOR SURGICAL INSTRUMENTS AND SYSTEM INCLUDING SAME

(51) International classification	:A61B	(71)Name of Applicant:
(31) Priority Document No	:13/436,858	· /
(32) Priority Date	:31/03/2012	11 /
(33) Name of priority country	:U.S.A.	RAYNHAM, MA 02767-0350, UNITED STATES OF
(86) International Application No	:NA	AMERICA
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)KURT A. SCOTT
(61) Patent of Addition to Application Number	:NA	2)KYLE S. MOORE
Filing Date	:NA	3)JASON T. SHERMAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system for use in an orthopaedic surgical procedure including a container for orthopaedic surgical instruments. The container includes a first shell, and a second shell configured to be coupled to the first shell to define a chamber therein. The second shell is configured to be coupled to the first shell in a plurality of orientations including a first orientation in which fluid is permitted to advance into and out of the chamber, and a second orientation in fluid is prevented from advancing into and out of the chamber.

No. of Pages: 71 No. of Claims: 25

(21) Application No.4543/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: BENZOTRIAZINE OXIDES AS DRUGS TARGETING MYCOBACTERIUM TUBERCULOSIS

(51) International classification(31) Priority Document No.		(71)Name of Applicant: 1)SRI INTERNATIONAL Address of Applicant: 333 Ravenswood Avenue Menlo Park
(32) Priority Date	:07/12/2011	CA 94025 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor : 1)MADRID Peter
(86) International Application No Filing Date	:PCT/US2012/068636 :07/12/2012	2)CHOPRA Sidharth 3)RYAN Kenneth 4)KOOLPE Gary
(87) International Publication No	:WO 2013/086467	
(61) Patent of Addition toApplication NumberFiling Date(62) Divisional toApplication Number	:NA :NA :NA	
Filing Date		

(57) Abstract:

Benzotriazine doxides are disclosed as drugs targeting mycobacterium tuberculosis including novel compounds of formula I: (Formula (I)

No. of Pages: 58 No. of Claims: 15

(21) Application No.4544/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/06/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: A FAN ASSEMBLY

(51) International classification :F04D25/08,F04F5/16,F04F5/46 (71)Name of Applicant :

(31) Priority Document No :1119500.5 (32) Priority Date :11/11/2011

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

(86) International Application No: PCT/GB2012/052742

Filing Date :05/11/2012 (87) International Publication No: WO 2013/068727

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

Filing Date (62) Divisional to Application :NA Number

:NA Filing Date

1)DYSON TECHNOLOGY LIMITED

Address of Applicant :Intellectual Property Department Dyson Technology Limited Tetbury Hill Malmesbury Wiltshire SN16

ORP U.K.

(72)Name of Inventor: 1)DOS REIS David

2)COWEN Daniel 3)GAMMACK Peter

(57) Abstract:

A nozzle for a fan assembly has an air inlet an annular air outlet and an interior passage for conveying air from the air inlet to the air outlet. The interior passage is located between an annular inner wall and an outer wall extending about the inner wall. The inner wall at least partially defines a bore through which air from outside the nozzle is drawn by air emitted from the air outlet. The inner wall is eccentric with respect to the outer wall so that the cross sectional area of the interior passage varies about the bore. The variation in the cross sectional area of the interior passage can control the direction in which air is emitted from around the air outlet to reduce turbulence in the air flow generated by the fan assembly.

No. of Pages: 31 No. of Claims: 28

(22) Date of filing of Application :05/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: GENERATION OF STEAM BY IMPACT 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 	:14/09/2012 :WO 2013/089858 :NA	(71)Name of Applicant: 1)AHO Richard E. Address of Applicant:4170 N.W. 42 Street Lauderdale Lakes FL 33319 U.S.A. (72)Name of Inventor: 1)AHO Richard E.
(61) Patent of Addition to Application		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Apparatus for generating steam the apparatus including a source of liquid water an injector in flow communication with the source of water for injecting liquid water from the source of water at a pressure of at least about 10 000 psia and an impact chamber having a contact surface onto which the injected water is contacted. Upon impact of the injected water with the contact surface of the impact chamber the injected water undergoes a virtually instantaneous phase transition from the liquid state to a gaseous state following the contact of the water with the contact surface thereby generating steam.

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

(22) Date of filing of Application :21/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: SYSTEM AND METHOD FOR LIMITING VOLTAGE ON AN AUXILIARY BUS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H02M :13/448,475 :17/04/2012 :U.S.A.	/
(86) International Application No Filing Date (87) International Publication No	:NA :NA :NA	(72)Name of Inventor: 1)LARSEN, EINAR VAUGHN 2)BOLLENBECKER, JOHN LEO
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	2)BOLLENBECKER, JOHN LEO

(57) Abstract:

Systems and methods for limiting voltage on an auxiliary bus are described. The voltage-limited auxiliary bus may be comprised of a DC auxiliary bus comprised of a positive conductor and a negative conductor; a chopper, wherein the chopper is normally in a non-conducting state; a resistor in series with the chopper, wherein the chopper and the resistor are connected between the positive conductor and the negative conductor of the DC auxiliary bus; and a chopper control, wherein an overvoltage on the DC auxiliary bus causes the chopper control to cause the chopper to begin conducting and the conducting limits the voltage on the DC auxiliary bus and dissipates energy from the overvoltage.

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

(21) Application No.4536/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :04/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: MULTIPHASE ORAL CARE COMPOSITIONS

(51) International classification(31) Priority Document No	:A61K8/34,A61K8/49,A61K8/73 :NA	(71)Name of Applicant: 1)COLGATE PALMOLIVE COMPANY
(32) Priority Date	:NA	Address of Applicant :300 Park Avenue New York New York
(33) Name of priority country	:NA	10022 U.S.A.
(86) International Application No Filing Date	:PCT/US2011/065309 :16/12/2011	(72)Name of Inventor:1)SZEWCZYK Gregory2)PATEL Neeta Atul
(87) International Publication No.	o:WO 2013/089760	3)JOGUN Suzanne
(61) Patent of Addition to Application Number Filing Date	:NA :NA	4)PRENCIPE Michael
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Described herein are dentifrices comprising a first formulation and a second formulation wherein the formulations are coaxially extruded so that the first formulation enrobes the second formulation wherein the first formulation is opaque and wherein the second formulation comprises dissolvable film fragments together with methods of making and using the same and containers for providing the same.

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

(22) Date of filing of Application :05/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: PROFILE ELEMENT FOR CONNECTING A COMPONENT WITH A FIXED VEHICLE DISC

(51) International classification	:B60J10/02,B60J10/00	(71)Name of Applicant:
(31) Priority Document No	:10 2011 056 955.3	1)ELKAMET KUNSTSTOFFTECHNIK GMBH
(32) Priority Date	:23/12/2011	Address of Applicant :Georg Kramer Strae 3 35216
(33) Name of priority country	:Germany	Biedenkopf Germany
(86) International Application No	:PCT/EP2012/068582	(72)Name of Inventor:
Filing Date	:20/09/2012	1)DEUSSEN Martin
(87) International Publication No	:WO 2013/091919	2)BERGMANN Lutz
(61) Patent of Addition to Application	:NA	3)PLATT Wolfgang
Number	:NA	4)ORTMLLER Michael
Filing Date	.1171	5)ROTH Hartmut
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A profile element (10) for connecting a component (80) to a vehicle disc (90) has a profile body (20) that can be fastened to a first section (40) on an edge (92) of the vehicle disc (90) and which has a catch recess (50) in a second section (30) for the disconnectable fastening of the component (80) on the profile element (10), said catch recess extending in the longitudinal direction (L) of the profile element (10) and being fastenable in the one fin (82) of the component (80) by means of force fit or form fit. A closure element (60, 62, 64) formed on the profile body (20) closes the engagement opening (52) of the catch recess (50) in a first function position (A) and releases in a second function position (B). For this purpose the closure element (60, 62, 64) is hinged along the longitudinal direction (L) of the profile element (10) on a first side (Sl) of the catch recess (50) on the profile body (20). o On the second side (S2) of the catch recess (50), which is opposite the first side (Sl), the closure element (60) is engaged in the first function position (A) with the profile body (20) by means of force fit or form fit.

No. of Pages: 50 No. of Claims: 25

(19) INDIA

(22) Date of filing of Application :05/06/2014

(21) Application No.4538/DELNP/2014 A

(43) Publication Date: 06/02/2015

(54) Title of the invention: CLOCK

(51) International

:G04C3/00,G04B13/00,G04B17/28

classification

(31) Priority Document No :201210431014.X (32) Priority Date :30/10/2012

(33) Name of priority country

:China

(86) International Application

:PCT/CN2012/086330

:11/12/2012 Filing Date

(87) International Publication

:WO 2014/067209

No

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

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)FUZHOU XIAOSHENLONG WATCH TECHNOLOGY

RESEARCH CO. LTD.

Address of Applicant : Anrenxi Village Donggiao Town

Minqing County Fuzhou Fujian 350800 China

(72)Name of Inventor: 1)LIN Xiangping

(57) Abstract:

Disclosed is a clock. A timekeeping system thereof comprises a winding mechanism for providing power for a second hand a minute hand and an hour hand; a mechanical transmission wheel system which matches the winding mechanism and drives the revolution of the second hand the minute hand and the hour hand the mechanical transmission wheel system comprising a tourbillon mechanism (111) driving the rotation of a second wheel (109) connected to the second hand; an accuracy control device wherein a timekeeping motor (204) of the accuracy control device drives the rotation of a quartz rotor (205) and the timekeeping accuracy of the timekeeping motor (204) is controlled by a quartz crystal (203); and an electronic transmission wheel system is connected to the quartz rotor (205). The clock can solve the problem that a mechanical clock is poor in terms of timekeeping accuracy.

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

(21) Application No.4539/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/06/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention: A NOVEL AQUEOUS SUSPOEMULSION

(51) International classification(31) Priority Document No(32) Priority Date	:A01N25/04,A01N53/08,A01N47/42 :NA :NA	(71)Name of Applicant: 1)ROTAM AGROCHEM INTERNATIONAL CO. LTD Address of Applicant: 26/F E Trade Plaza 24 Lee Chung Street Chai Wan Hong Kong China
(33) Name of priority country	:NA	(72)Name of Inventor : 1)BRISTOW James Timothy
(86) International Application No Filing Date	:PCT/CN2011/084191 :19/12/2011	
(87) International Publication No	:WO 2013/091154	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This present invention now provides a novel aqueous suspoemulsion(SE) product comprising as suspended solid component a Lufenuron, and as emulsified component a Lambda-cyhalothrin.

No. of Pages: 39 No. of Claims: 9

(21) Application No.9838/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :14/11/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : OPTICAL MEASURING SYSTEM WITH FILTER UNIT FOR EXTRACTING ELECTROMAGNETIC RADIATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:11175392.7 :26/07/2011 :EPO	(71)Name of Applicant: 1)HEXAGON TECHNOLOGY CENTER GMBH Address of Applicant: Heinrich Wild Strasse CH 9435 Heerbrugg Switzerland (72)Name of Inventor: 1)HINDERLING J'/4rg 2)SIERCKS Knut
` '	*	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to an optical measuring system for determining coordinates of points more particularly for distance measurement more particularly a geodetic surveying apparatus coordinate measuring machine or scanning device. The measuring system comprises a radiation source (52 53) for emitting electromagnetic radiation having an emission wavelength and a receiving unit having a filter unit (51) for extracting electromagnetic radiation in a defined wavelength range according to the interference principle and a detector (56) arranged in such a way that the radiation that can be extracted by means of the filter unit (51) is detectable by the detector (56) Moreover the filter unit (51) comprises at least two mirror elements which are at least partly reflective and which are constructed in a multilayered fashion wherein the mirror elements are oriented substantially parallel to one another and two adjacent mirror elements in each case enclose a cavity and are arranged at a specific distance with respect to one another. An optical thickness is defined by a refractive index of the cavity and by the distance between the mirror elements. Optical thickness varying means are provided for varying the optical thickness such that an extractable wavelength range of the filter unit (51) is varied more particularly wherein the optical thickness varying means have actuating means for changing the position of the mirror elements and/or refractive index adjusting means for changing the refractive index of the cavity more particularly wherein the optical thickness can be varied continuously during operation.

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

(22) Date of filing of Application :20/03/2013

(43) Publication Date: 06/02/2015

(54) Title of the invention : IMAGING DEVICE, IMAGING METHOD, PROGRAM, IMAGING SYSTEMS, AND ATTACHMENT DEVICE

(51) International classification(31) Priority Document No(32) Priority Date	:G02B :2012073536 :28/03/2012	(71)Name of Applicant: 1)SONY CORPORATION Address of Applicant:1-7-1 KONAN, MINATO-KU,
(33) Name of priority country	:Japan	TOKYO, JAPAN
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SHINICHIRO GOMI
(87) International Publication No	: NA	2)MASARU SUZUKI
(61) Patent of Addition to Application Number	:NA	3)YUSUKE NAKAMURA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

There is provided an imaging device including a lighting unit whose lighting directions to a subject are able to be switched, and a control unit that performs focus adjustment on the subject for every lighting directions to calculate evaluation values 5 in accordance with focus states, and determines a direction in which a focus state becomes best as a lighting direction based on the evaluation values to capture the subject.

No. of Pages: 93 No. of Claims: 15

(22) Date of filing of Application :22/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: PACEMAKER APPARATUS, OPERATION METHOD THEREOF, 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 	:A61N :2012080385 :30/03/2012 :Japan :NA :NA :NA	Address of Applicant :1-7-1 KONAN MINATO-KU, TOKYO, JAPAN (72)Name of Inventor: 1)KOUICHIROU ONO 2)YOICHIRO SAKO 3)MAYUKO MARUYAMA
Filing Date	:NA	4)YUE OUYANG
(62) Divisional to Application Number	:NA :NA	
Filing Date	.NA	

(57) Abstract:

There is provided a pacemaker apparatus including a course setting unit configured to set a movement course along which a user moves, a lap time data acquisition unit configured to acquire data of one or more lap times of one or more 5 persons during movement along the course set by the course setting unit, and a target lap time generation unit configured to designate a lap time of a person selected by the user among the data of the one or more lap times of the one or more persons acquired by the lap time data acquisition unit as a reference lap time and generate a target lap time based on data of the reference lap time.

No. of Pages: 83 No. of Claims: 18

(22) Date of filing of Application :21/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: SOLAR POWER SYSTEM AND METHOD FOR OPERATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H01L :12164759.8 :19/04/2012 :EUROPEAN UNION :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)ALSTOM TECHNOLOGY LTD Address of Applicant:BROWN BOVERI STRASSE 7, 5400 BADEN, SWITZERLAND (72)Name of Inventor: 1)SIMIANO, MARCO
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(57) Abstract:

A solar power system, comprising a solar receiver (1) for absorbing solar radiation and a plurality of separate fluid flow paths (LI, L2, L3) passing through the solar receiver in parallel with each other, wherein each fluid flow path contains a working fluid flowable at at least a minimum operating temperature through the fluid flow path to absorb thermal energy from the solar receiver (1) up to a maximum operating temperature, the minimum and maximum operating temperatures being different for each working fluid, the arrangement being such that thermal energy absorbed in the solar receiver (1) by a working fluid having relatively lower minimum and maximum operating temperatures is transferred to a working fluid having relatively higher minimum and maximum operating temperatures in an adjacent fluid flow path (L2, L3), such transfer of thermal energy occurring before the working fluid wdth the relatively higher minimum and maximum operating temperatures absorbs thermal energy from the solar receiver (1).

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

(22) Date of filing of Application :22/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: A FUNCTIONAL ELEMENT IN THE FORM OF A PRESS-IN ELEMENT

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:B23P :102012006221.4 :27/03/2012 :Germany :NA	(71)Name of Applicant: 1)PROFIL VERBINDUNGSTECHNIK GMBH & CO. KG Address of Applicant: OTTO-HAHN-STRASSE 22-24, 61381 FRIEDRICHSDORF, GERMANY (72)Name of Inventor:
Filing Date	:NA	1)BABEJ, JIRI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a functional element in the form of a press-in element for attachment to a sheet metal part, wherein the functional element has a head part and a shaft part, the head part has a ringlike sheet metal contact surface at the side adjacent to the shaft part and, within this ring-like sheet metal contact surface, a ring-like axial recess which surrounds the shaft part at the transition of the head part into the shaft part. In accordance with the invention the shaft part has a plurality of peripherally distributed radial recesses extending in the axial direction and between them likewise has axially extending and radially projecting noses, wherein raised material portions are, provided which form undercuts with the head part in the region of the ring-like recess, the undercuts being present at the positions of the radial recesses at their axial ends adjacent to the head part. Furthermore, radially extending ribs providing security against rotation or other features providing security against rotation are provided in the base region of the ring-like recess.

No. of Pages: 59 No. of Claims: 15

(22) Date of filing of Application :26/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: CARBON MATERIALS COMPRISING ENHANCED ELECTROCHEMICAL 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 	:H01G9/155 :61/427649 :28/12/2010 :U.S.A. :PCT/US2011/067278 :23/12/2011 :WO 2012/092210	(71)Name of Applicant: 1)EnerG2 TECHNOLOGIES INC. Address of Applicant: 100 N.E. Northlake Way Suite 300 Seattle Washington 98105 U.S.A. (72)Name of Inventor: 1)CHANG Alan T. 2)COSTANTINO Henry R. 3)EFA VER Appen M.
		,
(61) Patent of Addition to Application Number	:NA	3)FEAVER Aaron M. 4)OPPIE Amalia L.
Filing Date	:NA	5)PAN Yangyang
(62) Divisional to Application Number	:NA	6)COVER Liam
Filing Date	:NA	

(57) Abstract:

The present application is directed to carbon materials comprising an optimized pore structure. The carbon materials comprise enhanced electrochemical properties and find utility in any number of electrical devices for example as electrode material in ultracapacitors. Methods for making the disclosed carbon materials are also disclosed.

No. of Pages: 116 No. of Claims: 83

(22) Date of filing of Application :26/07/2013 (43) Publication Date: 06/02/2015

(54) Title of the invention: TRANSITION METAL COMPOUND PARTICLES AND METHODS OF PRODUCTION

(51) International classification: C01G45/00,B22F9/24,C01B31/24 (71)Name of Applicant:

(31) Priority Document No :61/428284 (32) Priority Date :30/12/2010

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

(86) International Application :PCT/CA2011/050780

:16/12/2011 Filing Date

(87) International Publication :WO 2012/088604

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

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

1)YAVA TECHNOLOGIES INC.

Address of Applicant :300 Dwight Avenue Suite 101 Toronto

Ontario M8V 2W7 Canada (72)Name of Inventor:

1)BYRNE Trevor

2)DAHAL Madhav Prasad

(57) Abstract:

A method of preparing insoluble transition metal compound particles is described, comprising: providing a transition metal salt solution having the formula (TM)(S) wherein TM is one or more of Mn, Ni, Co, Mg, Zn, Ca, Sr, Cu, Zr, P, Fe, Al, Ga, in, Cr, Ge or Sn; providing a source of a carbonate-, hydroxide-, phosphate-, oxyhydroxide- or oxide-based anionic compound wherein the anionic component, represented by S, is reactive with TM to form the particles; adding the transition metal salt solution and an ionic compound to a reaction chamber; and subjecting the chamber to sonication at an intensity of about 0.1 to about 50 W/mL. In an exemplary embodiment, MnC0 particles are formed from: M11SO4; and Na2C0 and/or NH4HCO3, wherein the ratio of M11SO4 o to Na CO and/or NH4HCO3 is from about 1:1.5 to 1.5:1. The particles may have narrow size distribution and a tap density of about 1.7 -2.3 g/mL.

No. of Pages: 50 No. of Claims: 22

(19) INDIA

(22) Date of filing of Application :26/07/2013

(21) Application No.6713/DELNP/2013 A

(43) Publication Date: 06/02/2015

(54) Title of the invention : METHOD AND DEVICE FOR REDUCING NITROSAMINES WHICH FORM DURING REMOVAL OF CO2 FROM FLUE GASES USING AN AQUEOUS AMINE SOLUTION

(51) International classification :B01D53/14 (31) Priority Document No :10 2011 000 268.5 (32) Priority Date :21/01/2011 (33) Name of priority country :Germany (86) International Application No :PCT/EP2011/072469 Filing Date :12/12/2011 (87) International Publication No :WO 2012/097920 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(71)Name of Applicant:

1)THYSSENKRUPP UHDE GMBH

Address of Applicant : Friedrich Uhde Strasse 15 44141

Dortmund Germany (72)Name of Inventor: 1)MENZEL Johannes

(57) Abstract:

The invention relates to a method for reducing nitrosamines which are formed in removal of CO2 from off-gases by means of an aqueous amine solution. According to the invention, a substream of the aqueous amine solution loaded 10 with nitrosamines is branched off from a washing fluid circulation and is concentrated by evaporating water and low-boiling constituents. The concentrated amine solution is retained at the boiling point in an apparatus in which a liquid phase and a vapor phase are in contact and in which a vapor/fluid equilibrium is established between the phases. The vapor phase within the 15 apparatus is irradiated with UV light, which decomposes the nitrosamines i entering the vapor phase. The concentrated amine solution is recycled back to the washing fluid circulation after being treated in the apparatus. The subject matter of the invention is also an installation for performing the method.

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

(22) Date of filing of Application :02/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: STEREOSCOPIC MICROSCOPE

(51) International classification	:G02B	(71)Name of Applicant :
()	:DE 10	1)Carl Zeiss Meditec AG
(31) Priority Document No	2012 006	Address of Applicant :Goeschwitzer Strasse 51-52, 07745
•	749.6	Jena, GERMANY
(32) Priority Date	:03/04/2012	(72)Name of Inventor:
(33) Name of priority country	:Germany	1)Franz, MERZ
(86) International Application No	:NA	2)Artur, HOEGELE
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present disclosure relates to a stereoscopic microscopic having at least one pair of stereoscopic optical paths. The microscope comprises an objective system, a first focusing lens having a first optical refractive power and a second focusing lens having a second optical refractive power as well as at least one actuator. The objective system and the first and second focusing lenses are commonly traversed by the at least one pair of stereoscopic optical paths, respectively. The actuator is adapted to shift at least one of these first and second focusing lenses along the optical axis of the at least one pair of stereoscopic optical paths to change the working distance and/or to vary an optical refractive power of at least one of these first and second focusing lenses. The first focusing lens is immediately neighboring the objective system along the optical axes of the at least one pair of stereoscopic optical paths. The first optical refractive power of the first focusing lens and the second optical refractive power of the second focusing lens have different signs.

No. of Pages: 36 No. of Claims: 12

(21) Application No.4498/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/06/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: HOT TEST FLUID CONTAINING VAPOR PHASE INHIBITION

:WO 2013/070286

(51) International classification: C23F11/02,C09K5/00,C23F11/06 (71)Name of Applicant: (31) Priority Document No :13/293839 (32) Priority Date :10/11/2011

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

(86) International Application :PCT/US2012/046524

:12/07/2012 Filing Date

(87) International Publication

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

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

1)CHEVRON U.S.A. INC.

Address of Applicant :6001 Bollinger Canyon Road San

Ramon California 94583 U.S.A.

(72)Name of Inventor:

1)DE KIMPE Jurgen P. 2)LIEVENS Serge S.

(57) Abstract:

This invention is directed to a formulation that provides protection against forms of corrosion in both the liquid and vapor phase. Such formulations are intended for use in applications where engine parts or fuel cell systems are subjected to a running in or hot test prior to final assembly or storage. The invention includes a concentrate as well as a dilute solution. The synergistic combination of inorganic ammonium derivatives in combination with monocarboxylic or dicarboxylic acids to dramatically increases the period of protection. This enables storage for a longer period when the engine parts are shipped or stored prior to assembling. The use of the described invention pre conditions the metal surface and provides protection even if afterwards the liquid is almost completely removed. Other traditional or organic corrosion inhibitors can optionally be added. A freezing point depressant can be added as well providing in addition to freezing protection an increased vapor phase protection level.

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

(19) INDIA

(22) Date of filing of Application :06/06/2014

(21) Application No.4626/DELNP/2014 A

(43) Publication Date: 06/02/2015

(54) Title of the invention: LINER FOR PROTECTING ADHESIVE 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 	:30/07/2012 :WO 2013/091911 :NA :NA	(71)Name of Applicant: 1)TESA SE Address of Applicant: Quickbornstrae 24 20253 Hamburg Germany (72)Name of Inventor: 1)KEITE TELGENBSCHER Klaus 2)LHMANN Bernd 3)BAI Minyoung 4)DOLLASE Thilo
1 (41110-41	:NA :NA :NA	4)DOLLASE TRIIO

(57) Abstract:

In a liner for protecting adhesive compounds the protective action with respect to permeates originating from the surroundings and also with respect to permeates included during winding or stacking and other processing steps is to be improved. This is achieved by providing a liner which has at least one non stick release layer and at least one getter material that is able to absorb at least one substance capable of permeation wherein the getter material is contained as a dispersed phase in at least one layer of the liner.

No. of Pages: 52 No. of Claims: 15

(22) Date of filing of Application :07/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: AN EXTENDED RELEASE FORMULATION OF A DIRECT THROMBIN INHIBITOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K31/4965 :61/556771 :07/11/2011 :U.S.A. :PCT/US2012/063734 :06/11/2012 :WO 2013/070623 :NA :NA	(71)Name of Applicant: 1)DIAKRON PHARMACEUTICALS INC. Address of Applicant: P.O. Box 748 Morris Plains NJ 07950 U.S.A. (72)Name of Inventor: 1)RAMAKRISHNAN Sankar 2)VENKATESAN Elumalai 3)SURYAKUMAR Jayanthi 4)ALLARD Stephane
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(57) Abstract:

Extended release formu Mean DPOC-4088 plasma concentrations following single oral doses lations of 3-fluoro-2-pyridylmethyl-3-of an immediate release (I) formulation in healthy young men (2,2-difluoro -2-(2- pyridyl)ethylamino) - 6-chloropyrazin-2-one-lacetamide (DPOC-4088) that provide for better control of blood plasma levels. The extended release formulations maintain substantially constant plasma levels of -t the active ingredient for at least about 16 hours and provide for once-daily dosing.

No. of Pages: 50 No. of Claims: 13

(21) Application No.878/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :22/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: PIPE CONNECTOR WITH COMPENSATOR

(51) International classification	:F16L	(71)Name of Applicant:
(31) Priority Document No	:10 2012	1)KRONES AG
(31) Thority Document No	204 800.6	Address of Applicant :BOHMERWALDSTRASSE 5 93073
(32) Priority Date	:26/03/2012	NEUTRAUBLING, GERMANY
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)WILLI WIEDENMANN
Filing Date	:NA	2)JOHANN JUSTL
(87) International Publication No	: NA	3)MARTIN SAUER
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Pipe connector (1) comprising a compensator (2) and means for centring the pipe connector (1), characterised by the means for centring the pipe connector (1) comprising a centring sleeve (4) that, in the mounted state, extends along the entire length of the compensator.

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

(22) Date of filing of Application :28/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: ELECTRIC POWER SUPPLYING APPARATUS, ELECTRIC POWER SUPPLYING METHOD, INVERTER, AND ELECTRIC VEHICLE

(51) Intermetional alegation	.1102D	(71)Nama of Ameliant.
(51) International classification	:H02P	(71)Name of Applicant :
(31) Priority Document No	:2012087378	1)SONY CORPORATION
(32) Priority Date	:06/04/2012	Address of Applicant :1-7-1 KONAN, MINATO-KU,
(33) Name of priority country	:Japan	TOKYO, JAPAN
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)NAOYUKI SUGENO
(87) International Publication No	: NA	2)NORITOSHI IMAMURA
(61) Patent of Addition to Application Number	:NA	3)EIJI KUMAGAI
Filing Date	:NA	4)KOJI UMETSU
(62) Divisional to Application Number	:NA	5)ATSUSHI MINAMI
Filing Date	:NA	6)MASAYUKI YASUDA

(57) Abstract:

The present disclosure provides an electric power supplying apparatus including: an electric storage device; and a control portion configured to control processing for mixing an output from the electric storage device, and an electric power of an external electric power system with each other in accordance with at least one of a peak shift command, a load electric power, and a remaining capacity of the electric storage device, wherein an alternating current electric power is formed in the mixing processing. When the electric power supplying apparatus further includes an electric power generating apparatus, processing for mixing an output from the electric power generating apparatus, an output from the electric storage device, and an electric power of the external electric power system with one another, is controlled.

No. of Pages: 128 No. of Claims: 20

(22) Date of filing of Application :28/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : A CUTOFF MECHANISM FOR AN OPTICAL MODULE AND AN OPTICAL MODULE COMPRISING SUCH A MECHANISM

(31) Priority Document No (32) Priority Date (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	(71)Name of Applicant: 1)AML SYSTEMS Address of Applicant: 6 PLACE DE LA MADELEINE 75008 PARIS, FRANCE (72)Name of Inventor: 1)CYRIL RIVIER 2)HASSAN KOULOUH 3)CLAUDIO CHIATELLI
(62) Divisional to Application Number : N	NA NA	

(57) Abstract:

The invention relates to a cutoff mechanism (5) for an optical module comprising a housing (100) and a driving motor (30) provided with an armature resistance and being arranged to cause the movement of a light beam cutoff shield (10), said housing (100) being made of a plastic material, characterized in that said armature resistance is comprised between 25 and 120 Ohms. The invention also relates to an optical module comprising such cutoff mechanism (5).

No. of Pages: 23 No. of Claims: 12

(22) Date of filing of Application :02/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: INTAKE SYSTEM FOR INTERNAL COMBUSTION ENGINE

(51) International classification	:F02M	(71)Name of Applicant :
(31) Priority Document No	:2012-	1)SUZUKI MOTOR CORPORATION
(31) Thomas Document No	086781	Address of Applicant :300, TAKATSUKA-CHO, MINAMI-
(32) Priority Date	:05/04/2012	KU, HAMAMATSU-SHI, SHIZUOKA 432-8611 JP Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)NISHIYAMA, NOBUO
Filing Date	:NA	
(87) 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 casing including a main lid meker and having a space formed in an inside thereof, a partition member that partitions the space in the inside of the casing into a. dirty side in which a dirty side chamber and an introduction channel are formed, and a clean side in which a clean side chamber is formed, and an intake portion that takes air into the dirty side from an outside of the casing @ are included. In the dirty side, a bulkhead portion that extends along a part of a side wall portion of the casing from the intake portion to form the introduction channel between the bulkhead portion and the part of the side wall portion is formed, and a communication hole that allows the introduction channel and the dirty side chamber to communicate with each other to allow air to flow therebetween is formed midway in an extending direction of the bulkhead portion.

No. of Pages: 50 No. of Claims: 6

(21) Application No.4579/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: ORAL CARE COMPOSITIONS

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application	:PCT/US2011/066485 :21/12/2011 :WO 2013/095435 :NA :NA	(71)Name of Applicant: 1)COLGATE PALMOLIVE COMPANY Address of Applicant: 300 Park Avenue New York New York 10022 U.S.A. (72)Name of Inventor: 1)CHOPRA Suman 2)FEI Lin 3)PATEL Rahul
	:NA :NA	

(57) Abstract:

Described herein are oral care compositions comprising (i) a magnesium alkali metal silicate complex clay and (ii) an orally acceptable anionic polymer in a dentifrice base which compositions are useful for alleviating dental sensitivity. Also provided for are methods of making and using the compositions described herein.

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

(22) Date of filing of Application :28/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : ORTHOPAEDIC SURGICAL SYSTEM FOR DETERMINING JOINT FORCES OF A PATIENT'S KNEE JOINT

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	:13/436,854	1)DEPUY SYNTHES PRODUCTS, LLC
(32) Priority Date	:31/03/2012	Address of Applicant :325 PARAMOUNT DRIVE,
(33) Name of priority country	:U.S.A.	RAYNHAM, MA 02767-0350, USA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)JASON T. SHERMAN
(87) International Publication No	: NA	2)MICHAEL J. ROCK
(61) Patent of Addition to Application Number	:NA	3)DAREN L. DEFFENBAUGH
Filing Date	:NA	4)KYLE S. MOORE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An orthopaedic surgical system includes a sensor module for determining the joint force of a patients knee joint and an adaptor for coupling various tibial trialing components to the sensor module. The sensor module includes a tibial paddle to which the adaptor is configured to couple. The adaptor and tibial paddle include structures that control the orientation at which the adaptor is attachable to the tibial paddle. Some tibial trialing components may be positioned over the adaptor in a mobile orientation that facilities rotation of the tibial trialing component relative to the tibial paddle or a fixed orientation that restricts the rotation of the tibial trialing component.

No. of Pages: 96 No. of Claims: 25

(21) Application No.4557/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: MEDICAL ORGANOGEL PROCESSES AND COMPOSITIONS

` /	:A61K9/08,A61K9/06,A61K47/30	
(31) Priority Document No	:61/566768	1)INCEPT LLC
(32) Priority Date	:05/12/2011	Address of Applicant :6 Porter Lane Lexington MA 02420
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application	:PCT/US2012/067978	(72)Name of Inventor:
No	:05/12/2012	1)EL HAYEK Rami
Filing Date	:03/12/2012	2)JARRETT Peter
(87) International Publication No	:WO 2013/086015	3)SAWHNEY Amarpreet S.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Serial solvent biomaterials are described. Embodiments include materials made in an organic solvent that are stripped of the solvent and used in a patient where they imbibe water and form a hydrogel. These materials are useful for among other things delivering therapeutic agents tissue augmentation and radiological marking.

No. of Pages: 71 No. of Claims: 44

(21) Application No.6697/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: SPRING BIASED SEALING METHOD FOR AN ACTUATING SHAFT

(51) International classification :F02B39/00,F02B37/12,F01D25/24

(31) Priority Document No :61/430668 (32) Priority Date :07/01/2011 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2011/066349

No :21/12/2011

Filing Date :21/12/201

(87) International Publication :WO 2012/094153

No (61) Patent of Addition to NA

Application Number Filing Date :NA

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant: 1)BORGWARNER INC.

Address of Applicant :Patent Department 3850 Hamlin Road

Auburn Hills Michigan 48326 U.S.A.

(72)Name of Inventor: 1)HOUSE Timothy 2)DIEMER Paul

(57) Abstract:

The propensity for gas and soot leakage around a shaft which extends through a bore which connects volumes of differing pressures e.g. a turbocharger turbine housing and the ambient air is minimized with the addition of a pair of seal rings axially biased by a spring to provide a continuous gas and soot seal. The spring may bias the seal rings apart from each other or towards each other.

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

(19) INDIA

(22) Date of filing of Application :20/03/2013

(21) Application No.839/DEL/2013 A

(43) Publication Date: 06/02/2015

(54) Title of the invention: ELECTRIC VEHICLE

(51) International classification(31) Priority Document No	:B62D :2012- 076415	(71)Name of Applicant: 1)HONDA MOTOR CO.,LTD. Address of Applicant: 1-1, MINAMI-AOYAMA 2-CHOME,
(32) Priority Date	:29/03/2012	MINATO-KU, TOKYO, 107-8556, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)YOSHIYUKI HORII
Filing Date	:NA	
(87) 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 electric vehicle in which cost reduction and improvement in productivity can be realized by improving a structure of supporting a battery for driving. [Solving Means] In the electric vehicle in which a battery module 77 supplying power to a motor for driving is supported by a body frame 16, the body frame 16 includes a main frame 22 extending rearward and downward from a head pipe 21 as a component in a front part of the body frame, a rear frame 24 disposed rearward of the main frame 22 and extending rearward and upward, and a front joint member 2 3 connecting a front end of the rear frame 24 to a rear end of the main frame 22, and the battery modules 77 are supported on the right and left sides of the rear frame 24.

No. of Pages: 68 No. of Claims: 12

(22) Date of filing of Application :28/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: METHOD AND APPARATUS FOR PROVIDING VARIABLE POWER OPTHHALMIC LENS

· / -	Address of Applicant: 7500 CENTURION PARKWAY, ACKSONVILLE FLORIDA 32256 USA USA
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(57) Abstract:

This invention provides an optical lens comprising a front curve lens and a back curve lens, wherein both said front curve lens and said back curve lens comprise an arcuate shape and are positioned proximate to each other forming a cavity therebetween; a volume of oil and a volume of saline solution within the cavity; and a conductive coating on at least one portion of one or both of said front curve lens or said back curve lens contiguous to the cavity. The optical lens is configured to form variable optical structures from concentric annular sections in the oil and saline solution, based upon an electrical charge applied to the conductive coating in order to change characteristics of the oil and saline.

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

(22) Date of filing of Application :20/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: STOP CONTROL SYSTEM FOR 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 (62) Divisional to Application Number Filing Date 	:F02B :2012- 064159 :21/03/2012 :Japan :NA :NA :NA :NA	(71)Name of Applicant: 1)SUZUKI MOTOR CORPORATION Address of Applicant:300, TAKATSUKA-CHO, MINAMI-KU, HAMAMATSU-SHI, SHIZUOKA-KEN 432-8611, JAPAN (72)Name of Inventor: 1)TERUYA HIROSHI
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(57) Abstract:

A stop control system for an engine including a crankshaft is provided with a motor and a control device. The motor is connected to the crankshaft of the engine, and the control device is configured to stop the crankshaft in a compression stroke of the engine by temporarily driving the motor to thereby assist rotation of the crankshaft that is still being forwardly rotated after starting stop control operation of the engine under predetermined engine stop conditions.

No. of Pages: 29 No. of Claims: 7

(22) Date of filing of Application :22/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : YARN TRAVELLING INFORMATION ACQUIRING DEVICE AND METHOD, AND YARN PROCESSING DEVICE

(51) International classification	:G07D	(71)Name of Applicant:
(31) Priority Document No	:2012- 074367	1)MURATA MACHINERY, LTD Address of Applicant :3, MINAMI OCHIAI-CHO,
(32) Priority Date	:28/03/2012	KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO 601-8326
(33) Name of priority country	:Japan	JAPAN
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KATSUSHI MINAMINO
(87) 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 clearer (15) determines whether or not an abnormality is generated in a clearer head (49) in accordance with drive voltage information. Since the drive voltage information is associated with temporal change in a light emitting property of LEDs (36, 37) 10 and/or contamination of a window of the clearer head (49), the abnormality of the clearer head (49) can be accurately detected by such a determination processing.

No. of Pages: 44 No. of Claims: 21

(22) Date of filing of Application :28/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: STEAM PLANT AND METHOD OF OPERATING THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:F01K :1205631.3 :30/03/2012 :U.K. :NA :NA	(71)Name of Applicant: 1)SPIRAX-SARCO LIMITED Address of Applicant: CHARLTON HOUSE, 15 CIRENCESTER ROAD, CHELTENHAM, GLOUCESTERSHIRE, GL53 8ER, UNITED KINGDOM (72)Name of Inventor:
 (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)GRIFFIN, MIKE

(57) Abstract:

There is disclosed a steam plant 10 comprising a processing unit 12 arranged to treat raw water; a boiler 18 arranged to generate steam; a blowdown vessel 20 in fluid 5 communication with the boiler so as to receive hot blowdown water from the boiler; and a reverse osmosis unit 14. The reverse osmosis unit 14 Is In fluid communication with the processing unit 12 though an inflow water line 24, the boiler 18 through a permeate line 60, and the processing unit 12 and/or the blowdown vessel 20 through a concentrate line 74, 76, 78, 80, 82. In use, the reverse osmosis unit 14 receives 10 treated inflow water from the processing unit 12 and generates permeate which is provided to the boiler 18 through the permeate line 60 and concentrate which is provided to the processing unit 12 and/or the blowdown vessel 20 through a concentrate line 74, 76, 78, 80, 82. There is also disclosed a method of operating a steam plant and a method of upgrading an existing steam plant.

No. of Pages: 18 No. of Claims: 17

(22) Date of filing of Application :02/04/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: METHOD FOR PRODUCING CONICAL OR HYPOID WHEELS USING THE PLUNGING PROCESS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	UNION	Address of Applicant :BINZMUHLESTRASSE 171, 8050 ZURICH, SWITZERLAND (72)Name of Inventor :
(86) International Application No	:NA	1)ALEXANDER DURR
Filing Date	:NA	2)WILHELM KREH
(87) 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:

Process for the chip-removing machining of at least one tooth gap of a bevel gear or hypoid gear workpiece (50) comprising the following steps: - rotating a tool (40) having several main cutting edges (42, 43) about a tool axis of rotation (WR) during execution of the following indexing steps, - executing a first relative linear plunging movement along a first plunge vector (Vkl), which extends substantially perpendicular to the foot cone of the workpiece (50) and which defines one end point (El) of the first plunging movement which lies at a position of the workpiece (50) which is more than 10 percent of the slot depth of the tooth gap (31) to be fabricated in order to machine with the first main cutting edge (42) primarily a region near the tooth head of a first tooth flank (24) of the tooth gap (31) - executing a relative transverse movement along a transverse vector (Vk2), in order to move the second main cutting edge (43) in the direction of the second tooth flank (23) of the tooth gap (31) and in order to primarily machine a region near the tooth head of the second tooth flank (23) of the tooth gap (31), - executing a second relative plunging movement along a vector path (Vk3), which defines an end point (E3) of the second plunging movement which lies at a position of the workpiece (30) which approximately corresponds to the slot depth (LT) of the tooth gap (31) to be fabricated.

No. of Pages: 38 No. of Claims: 11

(22) Date of filing of Application :22/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: A METHOD AND A SYSTEM FOR IMPLEMENTING THERMAL MEMORY BY MAPPING CHARGING AND DISCHARGING OF THE CAPACITOR WITH HEATING AND COOLING OF THE CONDUCTOR

(51) International classification (31) Priority Document No	G06F17/50, :NA	Address of Applicant :L & T House, Ballard Estate, Mumbai
(32) Priority Date (33) Name of priority country	:NA :NA	400 001, State of Maharashtra, India (72)Name of Inventor:
(86) International Application No	:NA	1)BISHNOI, Bhanwar, Lal;
Filing Date	:NA	2)KULKARNI ,Jaywant, R.;
(87) International Publication No	: NA	3)TYAGI, Dhruvi;
(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 thermal memory modeling of a current carrying conductor in a circuit breaker. The system comprise: a RC circuit; a controller means for measuring a voltage across a capacitor of the RC circuit; a means for controlling the charging and discharge rate of the capacitor. The means for controlling the charging or discharging of said capacitor according to increase or decrease of the current in said current carrying conductor. The voltage across Thermal Capacitor gives a direct indication of the conductor temperature. So if the current increases to a small value then Thermal Capacitor also charges to a small value and not to maximum voltage. If now the current decreases the Thermal Capacitor discharges accordingly.

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

(22) Date of filing of Application :22/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: ACTUATOR MECHANISM FOR EOM FOR CHANGEOVER SWITCH

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H01H13/62, H02B1/044 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)LARSEN & TOUBRO LIMITED Address of Applicant: L & T House, Ballard Estate, Mumbai 400 001, State of Maharashtra, India (72)Name of Inventor: 1)SHANKAR, S., RAVI; 2)SRINATH, V.;
(87) International Publication No	: NA	3)KARUPPASAMY, P.;
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides an actuator mechanism to control the power supply to electrically operated mechanism for changeover switch. The actuator mechanism consists of an actuator with two sets of projecting ears and 4 micro-switches. The actuator with micro-switches controls the power supply to the electrically operated mechanism (EOM) in ON and OFF operation of the changeover switch. Controlling the operation of EOM to drive the Changeover Switch is achieved through a single component that controls both directions of operation. Micro-Switches are utilized to perform a dual function of limiting the supply at the required position as well as to know the state of the Changeover Switch disconnector (CO-SD). They also provide a control over repetition of input signal by not responding to the input signal of the current position of the Switch.

No. of Pages: 27 No. of Claims: 26

(22) Date of filing of Application :27/05/2013

(43) Publication Date: 06/02/2015

(54) Title of the invention : A NOVEL CARTESIAN GRID STRUCTURE FOR LARGE FORMAT MOVING BRIDGE MACHINING CENTERS BY INVENTING A FLOATING TIE BEAM.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:G06F15/177, G06F9/46 :NA :NA :NA :NA	(71)Name of Applicant: 1)CLASSIC AUTOMOTIVE INDUSTRIES PRIVATE LIMITED Address of Applicant: PLOT NO. 62, BLOCK NO. F-II, MIDC, PIMPRI, PUNE-411 018, MAHARASHTRA, INDIA (72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)RAJESH D. JAIN 2)VENKATESH R. IYENGAR
(61) Patent of Addition to Application Number	:NA	3)SANJAY JADHAV
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	4)YUVARAJ H. TELANG

(57) Abstract:

In the invention under consideration, two moving tie beams (3) are introduced. These floating tie beams (4) are within the two independent Y Axis (2). Hence, with the help of two independent Y Axis (2) and two floating beams (4) third box (5) is created. The structure within this third box (5) due to use of the floating tie beams (4) becomes similar to the monocock structure of temporary nature/duration restricts & minimizes any potential deflection of the Y Axis (2) along with the Y Axis supports (16). Because of this the tendency of Y Axis (2) to vibrate independently is reduced substantially. In short this third box (5) structure acts as vibration damper leading to a greater dynamic stability of the whole structure. Also, as the vibrations are reduced there is no need to have heavy weight of the Y Axis supports (16) as was required in the earlier arts.

No. of Pages: 41 No. of Claims: 5

(21) Application No.1864/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: PROFILED ARC SPLITTER PLATE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	H01H51/06 :NA :NA :NA :NA	(71)Name of Applicant: 1)ASCO POWER TECHNOLOGIES, L.P. Address of Applicant:50 HANOVER ROAD FLORHAM PARK, NJ 07932 USA. U.S.A. (72)Name of Inventor: 1)KHARADE VASHA KUNDALIK
Filing Date (87) International Publication No	:NA : NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A profiled arc splitter plate for a switch having a fixed contact and a movable contact is provided to increase electromagnetic attractive forces on the arc generated during contact separation. The plate (300) comprises a body(306) defining an operatively inverted substantially V-shaped recess having a center notch (302) provided at the vertex of the recess and at least one protrusion (304) defined on either side of the center notch (302) along the inclined side walls of the recess, the movable contact of the switch displaceable through the recess without contacting the inclined side walls, in a spaced apart manner from the protrusions (304) and the center notch (302). Chamfers 308 are provided at an end of the plate (300) proximal to the vertex of the recess to provide an exit for hot gases towards the vent of the arc chamber.

No. of Pages: 26 No. of Claims: 6

(22) Date of filing of Application :23/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: DESIGN AND FABRICATION OF AGRICULTURE SPRAYER WITH WEEDER

(51) International classification	:A01M7/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)G.H.RAISONI COLLEGE OF ENGINEERING
(32) Priority Date	:NA	Address of Applicant :CRPF Gate No. 3,Digdoh Hills,Hingna
(33) Name of priority country	:NA	Road, Nagpur Maharashtra-440016 Maharashtra India
(86) International Application No	:NA	2)G.H.R. Labs and Research Centre
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Avinash Khadke
(61) Patent of Addition to Application Number	:NA	2)Nikhil Joge
Filing Date	:NA	3)Prashil Pillewan
(62) Divisional to Application Number	:NA	4)Swapnil Nagrale
Filing Date	:NA	5)Laukik P. Raut

(57) Abstract:

Farmers are using the same methods and equipment for the ages. In our country farming is done by traditional way, besides that there is large development of industrial and service sector as compared to that of agriculture. The spraying is traditionally done by labor carrying backpack type sprayer which requires more human effort. The weeding is the generally done with the help of Bulls which becomes costly for farmers having small farming land. So to overcome these above two problems, following invention eliminate these problems and design the equipment which will be beneficial to the farmer for the spraying and weeding operations. Following invention is described in detail with the help of Figure 1 of Sheet 1 showing design mechanism of seed sowing and reaping machine, Figure 2 of Sheet 1 showing reciprocating pump, Figure 3 of sheet 2 showing nozzle, Figure 4 of sheet 2 showing wheel, Figure 5 of sheet 3 showing Single Slider Crank mechanism, Figure 6 of sheet 3 showing front view of the embodiment, Figure 7 of sheet 4 showing side view of the embodiment

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

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: PORTABLE BAG CLOSING MACHINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:D05B13/00, B65B51/00 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)SHUI-SHUN FANG Address of Applicant:39, DA-PING, NEIGHBORHOOD 6, VILLAGE TAI PING, SHUANG HIS DISTRICT, NEW TAIPEI, CITY, TAIWAN, R.O.C. Taiwan (72)Name of Inventor: 1)SHUI-SHUN FANG
(87) International Publication No	: NA	ijoner sherring
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A portable bag Closing Machine comprise two thread spool mounts 23 on a lateral side of a machine body 2, a pair of thread guides 24 in a top portion of the machine body2, and a needle bar set 25 having a needle bar 251 on which a pair of needles 252 are mounted. Further, a plurality of thread holes 253 are formed at the top end of the needle bar set. A needle plate 26 underneath the needle bar set is provided with a pair of slots 261 corresponding to the needles 252 of the needle bar set 25. On the needle plate 26 adjacent to one of the slots 261, there forms a gear opening 262 where a feed gear part 27 is exposed. The machine body 2 further comprises a thread hook set 28 having a mount280 secured at a front end of a transmission shaft 29 and two thread hooks 281 corresponding to the needles 252 of the needle bar set 25. The transmission shaft 29 is coupled with a feed axle 22 through a cam 291. Thereby, the portable bag Closing Machine will produce two parallel stitch lines on a bag in a single run, which will save the sewing time and strengthen the seam of the bag..

No. of Pages: 13 No. of Claims: 2

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: TWIN-NEEDLE FOUR-THREAD BAG OVEREDGE SEWING MACHINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:D05B57/06, D05B27/02 :NA :NA :NA :NA	(71)Name of Applicant: 1)SHUI-SHUN FANG Address of Applicant:39, DA-PING, NEIGHBORHOOD 6, VILLAGE TAI PING, SHUANG HIS DISTRICT, NEW TAIPEI, CITY, TAIWAN, R.O.C. Taiwan (72)Name of Inventor:
Filing Date	:NA	1)SHUI-SHUN FANG
(87) 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 twin-needle four-thread bag overedge sewing machine includes a machine body having a first bobbin and two reels onto the first bobbin and wound with threads; two tension devices and two thread eyelets at the top of the cantilever; a second bobbin on a side of the machine body and including two reels wound with threads, and two guide holes and two tension devices at the top and lateral sides of the cantilever respectively; and a threading module installed into a distal side of the cantilever and including a base and two crochets installed on the base. The base is driven by a transmission module inside the machine body to drive two crochets and the two needle sticks that move up and down to sew a bag overedge with twin-needle four-thread stitches in one stroke and achieve the effects of improving the sewing strength and saving time and labor.

No. of Pages: 14 No. of Claims: 1

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

(43) Publication Date: 06/02/2015

(54) Title of the invention : A SYSTEM AND A METHOD FOR MCCB LIFE INDICATION ON ELECTRONIC TRIP UNIT DISPLAY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H01H73/14, H02H3/04 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)LARSEN & TOUBRO LIMITED Address of Applicant: L & T House, Ballard Estate, Mumbai 400 001, State of Maharashtra, India (72)Name of Inventor: 1)DESHMUKH, Vinod, Yogendra; 2)AGARWAL, Vivek, Sanjay;
(87) International Publication No	: NA	3)BISHNOI, Bhanwar, Lal;
(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 MCCB life indication. The system comprises: a voltage generation means for generating a voltage; a controller means for controlling the voltage at a defined limit of voltage; a flux shift device (FSD) for tripping the moulded case circuit breaker (MCCB) in faulty condition; a electronic trip unit display means. The controller means calculating a trip life count and a electrical life count of the circuit breaker and therefore displaying the same on the display means.

No. of Pages: 16 No. of Claims: 19

(19) INDIA

(22) Date of filing of Application :22/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: SOCIAL MEDIA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	G06N5/04 :NA :NA :NA :NA	(71)Name of Applicant: 1)Tata Consultancy Services Limited Address of Applicant: Nirmal Building, 9th Floor, Nariman Point, Mumbai 400021, Maharashtra, India (72)Name of Inventor: 1)MISHRA, Pratik Kumar
Filing Date (87) International Publication No	:NA : NA	2)POTHINENI, Dinesh 3)RASHEED, Aadil
(61) Patent of Addition to Application NumberFiling Date(62) Divisional to Application Number	:NA :NA :NA	4)SUNDARARAJAN, Deepak 5)KRISH, Ashok 6)KAJI, Hasit
Filing Date	:NA	V/-2-20-2) 2-10-2-0

(21) Application No.1023/MUM/2013 A

(57) Abstract:

Disclosed is a system for determining an expert of one or more subjects on a web-based platform. The system comprises a mining module for mining activity data of at least one user of a plurality of users from the web-based platform. The mining module may further compare the activity data with one or more subjects. The mining module may further label the activity data to a subject of the one or more subjects. A scoring module may assign performance points to the at least one user associated to the activity data. The scoring module may further assign subject points to the subject. The scoring module may further generate an activity gauge for the at least one user based on the performance points assigned and the subject points. The scoring module may further classify the at least one user as the expert of the subject.

No. of Pages: 31 No. of Claims: 11

(22) Date of filing of Application :28/05/2013

(43) Publication Date: 06/02/2015

(54) Title of the invention : METHOD AND SYSTEM FOR MONITORING REAL TIME EVENTS IMPACTING A PROCESS IN AN ENTERPRISE FRAMEWORK

		(71)Name of Applicant:
(51) International classification	G06F7/00,	1)Tata Consultancy Services Limited
	G06F19/00	Address of Applicant :Nirmal Building, 9th Floor, Nariman
(31) Priority Document No	:NA	Point, Mumbai 400021, Maharashtra, India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)PATIL, Rachana Mahadeo
(86) International Application No	:NA	2)WADHWA, Manik
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is a method and system for generating real time intelligence by monitoring of a real time event data impacting a process in an enterprise framework. An integration module is configured to integrate a process management tool, an event monitoring tool and a business intelligence tool. A process flow creation module is configured to create the process flow information for the process using the process management tool. An ESB is configured to transform the event data into a data format compatible with the event monitoring tool. An event correlation module is configured to correlate the event data with the KPI of the process flow information. An embedding module is configured to embed the event data into an activity monitoring database. An event analysis module is configured to perform a real-time analysis on the event data using the business intelligence tool. A dashboard generation module is configured to generate a dashboard.

No. of Pages: 25 No. of Claims: 13

(22) Date of filing of Application :29/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: CONDUCTIVE BUS STRUCTURE FOR INTERFEROMETRIC MODULATOR ARRAY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 :1030/MUM/2005	(71)Name of Applicant: 1)QUALCOMM MEMS TECHNOLOGIES, INC. Address of Applicant: 5775 Morehouse Drive, San Diego, California 92121 U.S.A. (72)Name of Inventor: 1)Clarence CHUI 2)Jeffrey Brian SAMPSELL
Filed on	:29/08/2005	

(57) Abstract:

The present invention relates to a device comprising: a substrate: a first electrode layer over the substrate, the first electrode layer having a first electrical resistance; a second electrode layer over the substrate, the second electrode layer having a second electrical resistance; a movable layer; and a conductive bus structure having a third electrical resistance lower than the first electrical resistance or the second electrical resistance, at least a portion of the conductive bus layer electrically coupled to at least one of the first electrode layer and the second electrode layer.

No. of Pages: 58 No. of Claims: 15

(21) Application No.1560/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :30/05/2013

(43) Publication Date: 06/02/2015

(54) Title of the invention: CUP HOLDER ASSEMBLY

(57) Abstract:

The present invention provides an improved assembly (1) for holding container. The said assembly comprising a housing and a carrier assembly wherein the carrier assembly is slidably mounted in the housing. The said housing and carrier assembly having rack and pinion mechanism along with a resilient mean so as to obtain smooth and controlled sliding motion of carrier assembly in the housing. The said carrier assembly comprises a tray provided with a recess that accommodates one or more side flaps along with a foldable holder to secure sides and bottom of container. The said foldable holder is capable to unfold while tray is sliding outward from the housing and foldable while tray is sliding inward in the housing. A push latch lock provided in the bottom of the housing which is being configured with a locking pin provided on the tray so as to achieve push fit locking and push-unlocking of carrier assembly from the housing during the closing or opening of the said assembly for holding container.

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

(22) Date of filing of Application :30/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: A POWER TRANSMISSION UNIT WITH A LUBRICATING MEANS

	.E16H57/020	(71)Nama of Ameliant.
(51) International classification	F16H3/091,	(71)Name of Applicant : 1)Mahindra & Mahindra Ltd.
()	B60K17/16	Address of Applicant :Mahindra & Mahindra Limited
(31) Priority Document No	:NA	Mahindra Towers, G.M. Bhosale Marg, Worli, Mumbai 400018,
(32) Priority Date	:NA	Maharashtra, India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)Anand Jaykumar Bidre
Filing Date	:NA	2)Rupesh Ramakant Mahajan
(87) 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 power transmission unit for supplying lubricant to a bearing of a seal arranged between an opening of a case/housing of the power transmission unit and a shaft that is positioned higher than the other shafts in a vehicle is disclosed. The power transmission unit comprises of an oil gallery defined in its cover to receive a lubricant splashed by a hypoid pinion and transfer said lubricant to said bearing through a channel thereby increasing the bearing life.

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

(22) Date of filing of Application :30/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: DIAMOND BRUTING SYSTEM WITH IN BUILT 3D PLANNING & AUTO CENTERING

(51) International classification(31) Priority Document No	:B23K26/38, B28D5/00 :NA	(71)Name of Applicant: 1)Rajiv K. Bhatt Address of Applicant: 172, Dindayal Society, Palanpur Patia
(32) Priority Date	:NA	Rander Road, SURAT, GUJARAT, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)Rajiv K. Bhatt
Filing Date	:NA	
(87) 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) A1		•

(57) Abstract:

A diamond Bruting system with inbuilt 3D planning and auto centering having a planning and auto centering device, a diamond holder, a crank mechanism and a Bruting processing system. The rough diamond is auto centered and a maximum volume plan is recovered with minimum wastage as per customized or standardized input of the user. This is a non LASER machine with crank mechanism and Bruting system. The resultant diamond is of the maximum optimization due to auto centering and 3D planning.

No. of Pages: 37 No. of Claims: 8

(21) Application No.1908/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :30/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: RECONFIGURABLE MECHANISM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B62D63/02, B62D 57/02 :NA :NA :NA :NA	(71)Name of Applicant: 1)RIYAZ RAFIQUE Address of Applicant: JANTA VASTRALAYA, VINDHYANAGAR ROAD, P.O. WAIDHAN, DIST:- SINGRAULI, PIN: 486 886, MADHYA PRADESH, INDIA. (72)Name of Inventor: 1)RIYAZ RAFIQUE
(87) International Publication No	: NA	I)KITAZ KAFIQUE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present disclosure discloses a reconfigurable mechanism for a variable diameter wheel. The variable diameter wheel is provided with only a single actuator for reconfigurable mechanism which is adapted for expansion and contraction of wheel segments. The reconfigurable mechanism for variable diameter wheel comprises at least one wheel assembly, at least a plurality of wheel segment, at least a linkage mechanism, at least one slider block, at least one slider link, at least one powering unit, at least one transmission mechanism and a frame. The frame supports at least one wheel assembly. Said at least one powering unit is isolated from said wheel assembly, wherein rotational motion of said wheel assembly is independent of motion transmission from said at least one powering unit to said slider link.

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

(22) Date of filing of Application :07/02/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: NEW ANTIBODIES AGAINST PHOSPHORYLCHOLINE

(51) International :C07K16/44,A61K39/395,A61P37/06 classification

(31) Priority Document No :61/521593 (32) Priority Date :09/08/2011 (33) Name of priority

:U.S.A. country

(86) International :PCT/EP2012/065505 Application No

:08/08/2012 Filing Date

(87) International

:WO 2013/020995 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA (71)Name of Applicant:

1)ATHERA BIOTECHNOLOGIES AB

Address of Applicant :c/o Business Center S:t Eriksgatan 117

S 113 43 Stockholm Sweden

2)DYAX CORP.

(72)Name of Inventor:

1)PETTERSSON Knut

2)CAMBER Ola 3)SEXTON Dan

4)NIXON Andrew E

(57) Abstract:

Filing Date

The present invention relates to an antibody or antibody fragment capable of binding to phosphorylcholine and/or a phosphorylcholine conjugate wherein the antibody or antibody fragment comprises a variable heavy chain (VH) domain and/or a variable light chain (VL) domain and wherein (a) the VH domain comprises an amino acid sequence that includes one two or three complementarity determining regions (CDRs) selected from the group consisting of: a CDR1 sequence comprising an amino acid sequence having at least 25% 50% 75% or 100% sequence identity to the sequence of SEO ID NO: 17; a CDR2 sequence comprising an amino acid sequence having at least 5% 11% 17% 23% 29% 35% 47% 52% 58% 64% 70% 76% 82% 94% or 100% sequence identity to the sequence of SEQ ID NO: 18; and a CDR3 sequence comprising an amino acid sequence having at least 4% 9% 13% 18% 22% 27% 31% 36% 40% 45% 50% 54% 59% 63% 68% 72% 77% 81% 86% 90% 95% or 100% sequence identity to the sequence of SEQ ID NO: 19 20 21 or 22; and/or (b) the VL domain comprises an amino acid sequence that includes one two or three complementarity determining regions (CDRs) selected from the group consisting of: a CDR4 sequence comprising an amino acid sequence having at least 5% 11% 17% 23% 29% 35% 47% 52% 58% 64% 70% 76% 82% 94% or 100% sequence identity to the sequence of SEQ ID NO: 23 or 24; a CDR5 sequence comprising an amino acid sequence having at least 14% 28% 42% 57% 71% 85% or 100% sequence identity to the sequence of SEO ID NO: 25: a CDR6 sequence comprising an amino acid sequence having at least 11% 22% 33% 44% 55% 66% 77% 88% or 100% sequence identity to the sequence of SEQ ID NO: 26.

No. of Pages: 77 No. of Claims: 42

(21) Application No.702/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: MACROMOLECULAR MATTER CLEAN BURNING METHOD AND DEVICE

(51) International classification (31) Priority Document No	:F23B90/06,F23G5/027,F23G5/04 :201110302766.1	(71)Name of Applicant: 1)LIU Weigi
(32) Priority Date	:24/09/2011	Address of Applicant :Practical Technology Research Institute
(33) Name of priority country	:China	253 Chaoyanglu Yuanzhou Yichun Jiangxi 336000 China China
(86) International Application No Filing Date	:PCT/CN2012/081714 :21/09/2012	(72)Name of Inventor : 1)LIU Weiqi
(87) International Publication No	:WO 2013/041039	
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A macromolecular matter clean burning method macromolecular matter including biomass and solid organic garbage. The method comprises the following steps: biomass carbon residue charcoal coke or other compositions undergo oxygen deficient combustion to produce a first gaseous matter and a red hot carbon residue layer; the heat produced from the oxygen deficient combustion is introduced to the macromolecular matter so that the matter is preheated dried pyrolysized and gasified to produce a second gaseous matter; the second gaseous matter is introduced to the red hot carbon residue layer to undergo oxygenated catalytic pyrolysis using the red hot carbon residue as the pyrolysis catalyst to produce a third gaseous matter; the third gaseous matter and the first gaseous matter are kept at a constant temperature and introduced to an oxygen enriched combustion chamber (20) to undergo oxygen enriched combustion thereby enabling actual complete combustion of all gasified matters without producing tar waste water smoke or tar pollution. Also provided is a device enabling the method that achieves zero dioxin emission during operation.

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

(19) INDIA

(22) Date of filing of Application :02/06/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: MICROBICIDAL COMPOSITION

(51) International classification :A01P1/00,A01N31/06,A01N31/08

(31) Priority Document No :61/567361

(32) Priority Date :06/12/2011(33) Name of priority country :U.S.A.

(86) International Application :PCT/EP2012/074409

Filing Date :05/12/2012

(87) International Publication :WO 2013/083586

(61) Patent of Addition to

Application Number
Filing Date

:NA
:NA

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant : 1)UNILEVER PLC

Address of Applicant :a company registered in England and Wales under company no. 41424 of Unilever House 100 Victoria Embankment London Greater London EC4Y 0D, United Kingdom

(72) Name of Inventor:

1)CORNMELL Robert Joseph

(21) Application No.1070/MUMNP/2014 A

2)DIEHL Megan Anne 3)GOLDING Stephen 4)HARP John Robert 5)STOTT Ian Peter

6)THOMPSON Katherine Mary 7)TRUSLOW Carol Lynn

(57) Abstract:

A synergistic microbicidal composition containing synergistic combinations of a phenolic compound selected the class consisting of chlorinated phenols monosubstituted phenols fused bicyclic phenols isopropyl methyl catechols and monosubstituted catechols and an antimicrobial alcohol selected from the class consisting of propen 2yl methyl cyclohexanols menthadiene alcohols and substituted cyclohexyl propyl 1 3 diols.

No. of Pages: 62 No. of Claims: 14

(21) Application No.736/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/04/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: MULTI MEGAWATT OCEAN CURRENT ENERGY EXTRACTION DEVICE

(51) International :F03B13/10,F03B17/06,F03B13/18 classification

(31) Priority Document No :61/628518 :31/10/2011 (32) Priority Date

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

(86) International Application :PCT/US2012/062621

:30/10/2012 Filing Date

(87) International Publication :WO 2013/066897

No

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

:NA Filing Date

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

(71)Name of Applicant: 1)AQUANTIS INC.

Address of Applicant: 101 East Victoria Street Suite F Santa

Barbara CA 93101 U.S.A. U.S.A.

(72)Name of Inventor:

1)DEHLSEN James G.p.

2)DEHLSEN James B.

3)FLEMING Alexander

(57) Abstract:

An underwater apparatus for generating electric power from ocean currents and deep water tides. A submersible platform including two or more power pods each having a rotor with fixed pitch blades with drivetrains housed in pressure vessels that are connected by a transverse structure providing buoyancy which can be a wing depressor hydrofoil truss or faired tube. The platform is connected to anchors on the seafloor by forward mooring lines and a vertical mooring line that restricts the depth of the device in the water column. The platform operates using passive rather than active depth control. The wing depressor along with rotor drag loads ensures the platform seeks the predetermined operational current velocity. The rotors are directly coupled to a hydraulic pump that drives at least one constant speed hydraulic motor generator set and enables hydraulic braking. A fluidic bearing decouples non torque rotor loads to the main shaft driving the hydraulic pumps.

No. of Pages: 63 No. of Claims: 20

(19) INDIA

(22) Date of filing of Application :18/04/2014

(21) Application No.737/MUMNP/2014 A

(43) Publication Date: 06/02/2015

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF GRAIN ORIENTED MAGNETIC SHEET WITH A HIGH LEVEL OF COLD REDUCTION

(33) Name of priority country (86) International Application No Filing Date (87) International Publication No Signature State	Applicant :Via di Castel Romano 100/102 00128 nventor : ATI Stefano
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(57) Abstract:

Process for the production of grain oriented Fe Si sheets having excellent magnetic characteristics to be used for construction of electrical devices wherein the thickness of hot rolled strip (\geq 3 5 mm) and the total cold deformation rate (90 98%) are higher than known processes and wherein hot rolled strip annealing before cold rolling is not scheduled.

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

(21) Application No.738/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/04/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention: IMPROVED THREE DIMENSIONAL OBJECT OBTAINED BY MEANS OF A STEREOLITHOGRAPHY PROCESS AND METHOD FOR THE COMPUTER GRAPHIC DESIGN OF SAID OBJECT

(51) International classification	:B29C67/00,G06T17/10	(71)Name of Applicant:
(31) Priority Document No	:VI2011A000302	1)DWS S.R.L.
(32) Priority Date	:23/11/2011	Address of Applicant :via Lago Di Levico 3 I 36010 Zane (VI)
(33) Name of priority country	:Italy	Italy
(86) International Application No	:PCT/IB2012/002406	(72)Name of Inventor:
Filing Date	:20/11/2012	1)ZENERE Sergio
(87) International Publication No	:WO 2013/076549	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention is a three dimensional object (1) made by means of a stereolithography process comprising a plurality of supports (3) that are connected to the body (2) of the object through joining elements (4) in each one of which it is possible to identify a shaped area (5) recessed with respect to the external surface of the joining element (4) and having the bottom corner (6) that delimits a pre established fracture area (7) for the detachment of the support (3). Each one of the joining elements (4) comprises a first body (8) projecting from the external surface that delimits the body (2) of the object and a second body (9) projecting from the support (3) the bodies (8) and (9) being connected to each other so as to define the shaped area (5) whose bottom corner (6) delimits the pre established fracture area (7). Each one of the bodies (8 9) has its convex curved external surface that constitutes part of the external surface of a sphere or an ellipsoid.

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

(22) Date of filing of Application :22/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : AN IMPROVED ARRANGEMENT FOR DUAL PURPOSE VENTILATION IN ELECTRICAL SWITCHING DEVICES

(51) International classification(31) Priority Document No(32) Priority Date	:H05K5/06 :NA :NA	(71)Name of Applicant: 1)LARSEN & TOUBRO LIMITED Address of Applicant: L & T House, Ballard Estate, Mumbai
(33) Name of priority country	:NA	400 001, State of Maharashtra, India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DONGRE, Nilesh, Suresh;
(87) 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 contact locking mechanism with variable toggling point and a method of locking moving contacts. The system comprises: a contact arrangement comprises a moving contact and a fixed contact; a rotating drive shaft for providing rotation to the moving contact; at least two extension spring(s) for providing a contact force to the contact arrangement; a braid block brazed to the moving contact. The system providing a flip-flop movement of the contact arrangement during toggling during fault clearance by the circuit breaker, thereby reducing let through energy and enhancing the life of the circuit breaker against fault clearance.

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

(22) Date of filing of Application :22/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: OPEN SOURCE SOFTWARE PRODUCTS ASSESSMENT

(51) International classification	·G06O30/02	(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)DAS, Rajashree
(87) International Publication No	: NA	2)DANI, Jayant Sudhakarrao
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An assessment system (102) for assessment of a plurality of Open Source Software (OSS) products includes a computation module (124) configured to receive a rating, for each of a plurality of product criterions of each OSS product from an assessor, based on product parameters of each of the OSS products. The plurality of product criterions is associated with one or more product categories. The computation module (124) is further configured to compute a product weighted score for each product criterion based at least on the rating and then generates a product scorecard for each OSS product. Upon generation of the product scorecards, an assessing module (126) is configured to identify an optimum OSS product amongst the plurality of OSS products based on the assessment of the product scorecard and a benchmark scorecard of an OSS product.

No. of Pages: 68 No. of Claims: 19

(19) INDIA

(22) Date of filing of Application :23/04/2014

(21) Application No.753/MUMNP/2014 A

(43) Publication Date: 06/02/2015

(54) Title of the invention : ADDRESS BOOK MAINTENANCE METHOD AND GROUP ADDRESS BOOK MANAGEMENT PLATFORM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04W8/18 :201110311477.8 :14/10/2011 :China :PCT/CN2012/081671 :20/09/2012 :WO 2013/053280 :NA :NA :NA	(71)Name of Applicant: 1)TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED Address of Applicant: Room 403 East Block 2 SEG Park Zhenxing Road Futian District Shenzhen Guangdong 518000 China China (72)Name of Inventor: 1)LU Zhaohua
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(57) Abstract:

Disclosed are an address book maintenance method and platform belonging to the technical field of address books. The method includes: establishing one or more group address books and allocating group IDs to the established group address books; and when receiving a request sent from a user end for downloading and updating a user end address book updating the user end address book according to the established group address book. The implementation of the technical solution of the present invention can enable the user to manage and update the address book rapidly and conveniently in a time and energy saving manner.

No. of Pages: 38 No. of Claims: 14

(22) Date of filing of Application :23/04/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention : NETWORK SECURITY IDENTIFICATION METHOD SECURITY DETECTION SERVER CLIENT 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 	:20/09/2012 :WO 2013/053278 :NA :NA	(71)Name of Applicant: 1)TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED Address of Applicant: Room 403 East Block 2 SEG Park Zhenxing Road Futian District Shenzhen Guangdong 518000 China China (72)Name of Inventor: 1)LI Yonghua
Filing Date	:NA	

(57) Abstract:

Disclosed are a network security identification method a security detection server a client and a system belonging to the field of information security. The method includes: a security detection server receiving a request sent from a client for accessing the network content corresponding to a uniform resource locator; the security detection server looking up a database and judging whether there is a security state of the uniform resource locator in the database and if the security state of the uniform resource locator does not exist in the database the security detection server collecting data relevant to the uniform resource locator and determining the security state of the uniform resource locator according to the collected data; the security detection server returning the security state of the uniform resource locator to the client so that the client determines whether to access the network content corresponding to the uniform resource locator according to the security state of the uniform resource locator. The workload of the client is reduced and the security of the client is ensured.

No. of Pages: 35 No. of Claims: 15

(22) Date of filing of Application :28/05/2013

(43) Publication Date: 06/02/2015

(54) Title of the invention : METHODS FOR TREATMENT OF INFLAMMATORY CONDITIONS USING S-[4-(3-FLUORO-3-METHYLBUTYRYLOXY) BUT-2-YNYL] 6α , 9α -DIFLUORO- 17α -(FURAN-2-YL) CARBONYLOXY- 11β -HYDROXY- 16α -METHYL-3-OXOANDROSTA-1, 4-DIENE- 17β -CARBOTHIOATE

	:C07J	(71)Name of Applicant :
(51) International classification	31/00,A61K	1)SUN PHARMA ADVANCED RESEARCH COMPANY
	31/58	LIMITED
(31) Priority Document No	:NA	Address of Applicant : ACME PLAZA, ANDHERI-KURLA
(32) Priority Date	:NA	ROAD, ANDHERI (E), MUMBAI - 400 059, STATE OF
(33) Name of priority country	:NA	MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PATEL JITEN RANCHHODBHAI
(87) International Publication No	: NA	2)PATEL GOPALKUMAR CHIMANLAL
(61) Patent of Addition to Application Number	:NA	3)SHETH GAURAV SANJIVKUMAR
Filing Date	:NA	4)CHITTURI TRINADHA RAO
(62) Divisional to Application Number	:NA	5)THENNATI RAJAMANNAR
Filing Date	:NA	6)MANDHANE SANJAY NANDLAL

(57) Abstract:

formula I The present invention relates to methods of treatment of inflammatory conditions using S-[4-(3-fluoro-3-methylbutyryloxy)-but-2-ynyl]6 α , 9α -difluoro- 17α -(furan-2-yl)carbonyloxy- 11β -hydroxy- 16α -methyl-3-oxoandrosta-1,4-diene- 17β -carbothioate (compound of formula I), a novel anti-inflammatory compound of the androstane series and its processes of preparation.

No. of Pages: 36 No. of Claims: 12

(21) Application No.1882/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :28/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: STORAGE COMPARTMENT FOR A VEHICLE

	:B60R 5/00,	(71)Name of Applicant: 1)MAHINDRA TWO WHEELERS LIMITED
(51) International classification	B60N	Address of Applicant :D1 BLOCK, PLOT NO. 18/2 (PART),
	3/00	MIDC, CHINCHWAD, PUNE - 411 019 MAHARASHTRA,
(31) Priority Document No	:NA	INDIA.
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)EKAMBARAM MANSHA KUTTY
(86) International Application No	:NA	2)BHARTHUAR OM PRAKASH
Filing Date	:NA	3)KAMALAPURKAR MANOJ
(87) 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 storage compartment for a vehicle, wherein the storage compartment comprises at least one lid adapted to provide access to the interior of the storage compartment, at least one vertical panel adapted to create at least one side wall of the storage compartment and at least one fixing mechanism adapted to attach the at least one lid to the at least one vertical panel.

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

(22) Date of filing of Application :28/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: CONNECTING SPLIT HVAC SYSTEMS TO THE INTERNET AND/OR SMART UTILITY METERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G05D23/00 :201210202574.8 :15/06/2012 :China :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)EMERSON ELECTRIC CO. Address of Applicant:8000 WEST FLORISSANT AVENUE ST.LOUIS, MISSOURI 63136 USA U.S.A. (72)Name of Inventor: 1)SHAH PING
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(57) Abstract:

Disclosed are exemplary embodiments of systems and methods for connecting split HVAC systems (and/or for providing such connectivity) to networks and/or smart meters, thereby allowing a split HVAC system to be controllable via the Internet and/or a smart meter. An exemplary embodiment includes a system for use with a split HVAC system having at least one outdoor unit and at least one indoor unit having a receiver. In this exemplary embodiment, the system comprises a control having connectivity to a network and/or a smart utility meter. An equipment interface module is configured for wireless communication with the receiver of the at least one indoor unit and the control. The equipment interface module is operable for communicating instructions from the control to the receiver of the at least one indoor unit, thereby allowing operation of the at least one indoor unit to be controllable via the network and/or smart utility meter.

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

(21) Application No.763/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :23/04/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: BLOW DIE UNIT BLOW MOLDING MACHINE AND METHOD FOR EXCHANGING BLOW DIE UNIT

(51) International :B29C49/56,B29C49/30,B29L22/00

classification

(31) Priority Document No :2011-232359 (32) Priority Date :24/10/2011 (33) Name of priority country: Japan

(86) International Application :PCT/JP2012/077272

No :22/10/2012

Filing Date

(87) International Publication: WO 2013/061936

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

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

(71)Name of Applicant:

1)NISSEI ASB MACHINE CO. LTD.

Address of Applicant: 4586 3 Koo Komoro shi Nagano

3848585 Japan

(72)Name of Inventor: 1)TAKAHASHI Junji

(57) Abstract:

A blow die unit (200) comprises: a blow die (84) having first and second blow cavity split dies and a plurality of raised bottom dies; first and second pressure receiving plates (220 221); a first fixing plate (230) on which the first blow cavity split die and the first pressure receiving plate are fixed and which is connected to a first die clamping plate; a second fixing plate (231) on which the second blow cavity split die and the second pressure receiving plate are fixed and which is connected to a second die clamping plate; a third fixing plate (232) which is arranged between the first and second fixing plates and on a first face of which the plurality of raised bottom dies are fixed; a pressure receiving rod (234) which is suspended from a second face of the third fixing plate; and a placement unit (240) which is fixed to at least one of the first and second fixing plates and on which the third fixing plate is placed when the first and second blow cavity split dies are closed. The pressure receiving rod comprises a fit reception part (234A) to which a fitting part (151) formed on a lifting/lowering rod (150) of a lifting/lowering device is to be fit in the vertical direction.

No. of Pages: 41 No. of Claims: 9

(22) Date of filing of Application :23/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: DESIGN AND DEVELOPMENT OF ECONOMICAL SEED SOWING MACHINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A01C7/00, A01C7/04 :NA :NA :NA :NA	(71)Name of Applicant: 1)G.H.RAISONI COLLEGE OF ENGINEERING Address of Applicant: CRPF Gate No. 3,Digdoh Hills,Hingna Road,Nagpur Maharashtra-440016 Maharashtra India 2)G.H.R. Labs and Research Centre (72)Name of Inventor:
Filing Date	:NA	1)Swapnil Thakre
(87) International Publication No	: NA	2)Siddhesh Hande
(61) Patent of Addition to Application Number	:NA	3)Sumit Dhomne
Filing Date	:NA	4)Shabbaz Khan
(62) Divisional to Application Number	:NA	5)Laukik P. Raut
Filing Date	:NA	

(57) Abstract:

The prescribed invention of manual sowing machine (man-handled) with both tractor and bulls option. The basic objective of sowing operation is to put the seed and fertilizer in rows at desired depth and seed to seed spacing, cover the seeds with soil and provide proper compaction over the seed. The recommended row to row spacing, seed rate and depth of seed placement from crop to crop and for different agro-climatic conditions to achieve optimum yield, but on economic level which enhances the productivity of seeds. The present research was focused on three major issues: a) Increasing grain flow uniformity out of the metering devices. b) Improving seed distribution into the soil. c) Mainly on economic level. Following invention is described in detail with the help of figure 1 of Sheet 1 showing design mechanism of experimental setup of seed sowing machine, figure 2 of sheet 1 showing mechanism of dropping of seed from the seed tank, figure 3 of sheet 2 showing disc mechanism, figure 4 of sheet 2 showing seed box mechanism, figure 5 of sheet 3 showing seed delivery mechanism, figure 6 of sheet 3 showing side view of the embodiment.

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

(21) Application No.770/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/04/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention: MOTOR VEHICLE LOCK WITH AUTOMATIC RELUBRICATION

(51) International

:E05B17/08,E05B15/10,E05B65/12

classification

(31) Priority Document No :10 2011 084 960.2

(32) Priority Date

:21/10/2011

(33) Name of priority country: Germany

(86) International Application :PCT/IB2012/002829

Filing Date

:26/10/2012

(87) International Publication

:WO 2013/057591

No

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

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)KIEKERT AKTIENGESELLSCHAFT

Address of Applicant : Hseler Platz 2 42579 Heiligenhaus

Germany

(72) Name of Inventor:

1)RIEDEL Christian

(57) Abstract:

A lock which operates reliably and quietly has a locking mechanism with a rotary latch and at least one ratchet pawl for latching the rotary latch. The lock comprises two faces which at least partially bear one against the other and which are at least recurrently displaced relative to one another with the result that the displacement causes frictional forces to occur between the faces. At least one frictional face is part of a rotatable component of the lock. A lubricant reservoir is assigned to this rotatable component. There is a feeding means from the lubricant reservoir to the frictional face which means is configured in such a way that the lubricant is transported from the lubricant reservoir to the frictional face of the rotatable component.

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

(19) INDIA

(22) Date of filing of Application :25/04/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: PRESS

(51) International classification: B30B1/18,B30B1/32,B30B11/02 (71) Name of Applicant:

(31) Priority Document No :10 2011 116 552.9 (32) Priority Date :21/10/2011

(33) Name of priority country :Germany

(86) International Application :PCT/EP2012/004304

:15/10/2012 Filing Date

(87) International Publication :WO 2013/056805

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

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

(57) Abstract:

1)FETTE COMPACTING GMBH

(21) Application No.771/MUMNP/2014 A

Address of Applicant: Grabauer Strae 24 21493 Schwarzenbek

Germany

(72) Name of Inventor: 1)BEHNS Holger

2)PANNEWITZ Thomas

The invention relates to a press for producing a pressed article from pulverulent material comprising a press frame having an upper and a lower holding plate which are connected together by a plurality of vertical spacers and having at least one support element arranged between the upper and lower holding plates a tool guiding unit having at least one upper punch unit having at least one upper press punch and/or having at least one lower punch unit having at least one lower press punch and having a die unit having at least one receptacle for pulverulent material to be compressed by the upper and/or lower press punch wherein the tool guiding unit is arranged on the support element and at least one upper drive unit for moving the upper punch unit in the vertical direction and/or at least one lower drive unit for moving the lower punch unit and/or the die unit in the vertical direction wherein the upper drive unit and/or the lower drive unit are supported on the support element during operation such that the reaction forces which are generated as reaction forces by the pressing forces which are generated during the compression of the pulverulent material in the at least one receptacle are introduced into the support element.

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

(22) Date of filing of Application :28/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: AN IMPROVED PROCESS FOR THE PREPARATION OF LOSARTAN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	C07D233/68 :NA :NA :NA :NA	(71)Name of Applicant: 1)PIRAMAL ENTERPRISES LIMITED Address of Applicant :PIRAMAL TOWER, GANPATRAO KADAM MARG, LOWER PAREL, MUMBAI-400 013, STATE OF MAHARASHTRA, INDIA (72)Name of Inventor:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:NA : NA :NA :NA :NA	1)KADAM, SHASHIKANT 2)VOORADI, MALLESH 3)ASHILI, SRINIVAS 4)BHANDARE, PRAVIN 5)KONDRAGUNTA, VENKATESHWARRAO
Filing Date	:NA	,

(57) Abstract:

The present invention relates to an improved process for the preparation of Losartan (l-[l-[[2-(2H-tetrazol-5-yl)biphenyl-4-yl]methyl]-2-butyl-4-chloro-lH-imidazoI-5-yl]methanol) represented by the compound of formula I; comprising reacting 4-(2-Butyl-4-chloro-5-hydroxymethyl-1 H-imidazol-1 -yl)-1,1-biphenyl-2-carbonitrile, the compound of formula II (cyano losartan) with sodium azide using a base catalyst and triethylamine hydrochloride in an organic a solvent.

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

(22) Date of filing of Application :28/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: ORAL PHARMACEUTICAL COMPOSITION OF DABIGATRAN

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A61K9/48, A61K31/4184 :NA :NA :NA	(71)Name of Applicant: 1)CADILA HEALTHCARE LIMITED Address of Applicant:SARKHEJ-BAVLA N.H. NO. 8A, MORAIYA, TAL. SANAND, DIST. AHMEDABAD-382210, GUJARAT, INDIA
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor: 1)KULKARNI SUSHRUT KRISHNAJI
(87) International Publication No	: NA	2)HANDA AJAYKUMAR
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)BAHETI SAGAR JUGALKISHOR
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a pharmaceutical composition comprising a first component comprising dabigatran and a second component comprising an inorganic acidic excipient. It also relates to method of preparing such compositions and using those compositions to reduce the risk of stroke and systemic embolism in patients with non-valvular atrial fibrillation.

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

(21) Application No.772/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/04/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: PRESS

(51) International classification: B30B1/18,B30B11/02,B30B15/04 (71) Name of Applicant:

(31) Priority Document No :10 2011 116 548.0

(32) Priority Date :21/10/2011 (33) Name of priority country : Germany

(86) International Application :PCT/EP2012/004309

No :16/10/2012 Filing Date

(87) International Publication :WO 2013/056807

(61) Patent of Addition to

:NA **Application Number** :NA Filing Date

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

1)FETTE COMPACTING GMBH

Address of Applicant: Grabauer Strae 24 21493 Schwarzenbek

Germany

(72) Name of Inventor:

1)PANNEWITZ Thomas 2)BEHNS Holger

(57) Abstract:

The invention relates to a press for producing a pellet out of powdered material and comprising: a press frame that has an upper and a lower retainer plate interconnected by a plurality of vertical spacers and that has at least one support element arranged between said upper and lower retainer plates; at least one upper ram unit comprising at least one upper press ram and/or at least one lower ram unit comprising at least one lower press ram; and at least one receiving portion for powdered material to be pressed by said upper and/or lower press ram; and also at least one upper drive unit which comprises at least one upper drive motor for displacing the upper ram unit in a vertical direction and/or at least one lower drive unit which comprises at least one lower drive motor for displacing the lower ram unit and/or the receiving portion in a vertical direction. During operation said upper drive unit and/or lower drive unit is/are supported on the support element such that the reaction forces which are generated from the pressing forces produced as the powdered material is pressed in the at least one receiving portion as action forces are introduced into said support element said upper drive motor and/or lower drive motor being arranged on the press frame in such a manner that when the upper ram unit and/or lower ram unit and/or receiving portion move(s) vertically the upper drive motor and/or the lower drive motor will not also be moved in the vertical direction alongside.

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

(22) Date of filing of Application :25/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: CODING SIGNIFICANT COEFFICIENT INFORMATION IN TRANSFORM SKIP MODE

(51) International classification	:H04N7/26	(71)Name of Applicant :
(31) Priority Document No	:61/556750	1)QUALCOMM INCORPORATED
(32) Priority Date	:07/11/2011	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/US2012/063876	U.S.A.
Filing Date	:07/11/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2013/070707	1)JOSHI Rajan Laxman
(61) Patent of Addition to Application	:NA	2)SOLE ROJALS Joel
Number	:NA	3)WANG Xianglin
Filing Date	.IVA	4)KARCZEWICZ Marta
(62) Divisional to Application Number	:NA	5)SEREGIN Vadim
Filing Date	:NA	

(57) Abstract:

This disclosure describes techniques for coding significant coefficient information for a video block in a transform skip mode. The transform skip mode may provide a choice of a two dimensional transform mode a horizontal one dimensional transform mode a vertical one dimensional transform mode or a no transform mode. In other cases the transform skip mode may provide a choice between a two dimensional transform mode and a no transform mode. The techniques include selecting a transform skip mode for a video block and coding significant coefficient information for the video block using a coding procedure defined based at least in part on the selected transform skip mode. Specifically the techniques include using different coding procedures to code one or more of a position of a last non zero coefficient and a significance map for the video block in the transform skip mode.

No. of Pages: 80 No. of Claims: 54

(22) Date of filing of Application :28/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : BENZYLATION PROCESS IN AQUEOUS MEDIUM FOR CONTROLLING DONEPEZIL BENZYL CHLORIDE IMPURITY IN MANUFACTURE OF DONEPEZIL HYDROCHLORIDE

(51) International classification	:C07D213/20,C07D295/03	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PIRAMAL ENTERPRISES LIMITED
(32) Priority Date	:NA	Address of Applicant :PIRAMAL TOWER, GANPATRAO
(33) Name of priority country	:NA	KADAM MARG, LOWER PAREL, MUMBAI-400 013, STATE
(86) International Application No	:NA	OF MAHARASHTRA, INDIA
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)WAGH, GANESH
(61) Patent of Addition to Application	:NA	2)KUMBHAR, AJAY
Number	:NA	3)JAGTAP, ASHUTOSH
Filing Date	.NA	4)ROY, MITA
(62) Divisional to Application Number	:NA	5)HARIHARAN, SIVARAMAKRISHNAN
Filing Date	:NA	

(57) Abstract:

The present invention relates to a green process for the preparation of 2,3-dihydro-5,6-dimethoxy-2-[[l-(phenylmethyl)-4-piperidinyl]methyl]-IH-inden-l-one hydrochloride (donepezil hydrochloride) of formula I comprising benzylation of compound of formula II with benzyl halide in the presence of an aqueous medium to yield donepezil, which on treatment with a mixture of ethyl acetate and hexanes in the molar ratio of 1:1 yields donepezil containing donepezil benzyl chloride impurity represented by formula IV < 0.02%.

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

(21) Application No.719/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: STABLE LOW TOXICITY STERILIZABLE COMPOSITION FOR OPHTHALMIC DYING

(51) International (71)Name of Applicant: :A61K31/045,A61K31/655,A61K33/14 classification 1)ARCADOPHTA (31) Priority Document Address of Applicant: 11 rue Antoine Ricord F 31100 :11.02880 Toulouse France (72)Name of Inventor: (32) Priority Date :22/09/2011 (33) Name of priority 1)REBOUL Grard :France country (86) International :PCT/FR2012/052101 Application No :20/09/2012 Filing Date (87) International :WO 2013/041810 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 invention relates to a stable composition for ophthalmic dying suitable for sterilization in an autoclave comprising the following in an aqueous solution: at least a dye at least a water soluble polyol with formula H(HCOH)H where n is a whole number greater than 3 for use in either of the two following methods: an ophthalmic surgical treatment method and a diagnosis method.

No. of Pages: 25 No. of Claims: 18

(22) Date of filing of Application :25/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: REDUCING AMOUNT OP DATA IN VIDEO ENCODING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H04N7/26 :NA :NA :NA :PCT/CN2011/001915 :16/11/2011 :WO 2013/071460 :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)XIAO Shiyuan 2)LJUNGGREN Andreas 3)ROMEHED Fredrik 4)WU Yicheng
Filing Date	:NA :NA	

(57) Abstract:

A method for encoding screen outputs of an application to a series of video sequences in which each video sequence can comprise an intra frame (I frame) and inter frames (P frames) relating to the I frame and each video sequence is formed for one screen output. The method can comprise forming a first video sequence for a first screen output wherein the first video sequence can include an I frame and (p frames) and forming a second video sequence including an I frame and (P frames) for a second screen output wherein the I frame of the second video sequence can be obtained by encoding a changed area of the second screen output compared to the first screen output. A device for encoding encoder a device for decoding and a decoding are also provided. The video data can be reduced according to the present invention.

No. of Pages: 31 No. of Claims: 19

(21) Application No.776/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention : COMPOSITE WIRE WITH PROTECTIVE EXTERNAL METALLIC MANTLE AND INTERNAL FIBRE

(51) International classification :D07B1/02,D02G3/12,H01B5/08 (71)Name of Applicant: (31) Priority Document No 1)REDAELLI TECNA SPA (32) Priority Date Address of Applicant : Piazzale Libia n. 2 I 20135 Milano Italy :NA (33) Name of priority country :NA (72)Name of Inventor: (86) International Application 1)CLERICI Franco :PCT/IT2011/000365 :31/10/2011 Filing Date (87) International Publication No: WO 2013/065074 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A composite wire (10) comprising an outer layer (1) and an inner por—tion (2 3) said outer layer (1) being of linear or helical form and consisiting of a metallic material and said inner portion comprising fibers (2) and/or pultruded bars (3) the fibers (2)and/or pultruded bars (3) being arranged parallel to the lon—gitudinal axis of the composite wire (10) or in a twisted manner. The composite wire (10) may be used autonomously or as part of strands (12) or ropes (13) The composite wire (10) has higher resis—tance to axial stresses improved wear properties and reduced specif—ic weight compared to metal wires.

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

(12) TATENT ATTLICATION TOBLICATION

(22) Date of filing of Application :25/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: GRANULATED SORBITOL AND PROCESS FOR ITS PREPARATION THEREOF

(51) International classification

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

:C07C 1/26,
A23L1/09
:0606954
:28/07/2006
:France

(86) International Application No :PCT/FR2007/051707 Filing Date :23/07/2007

(87) International Publication No :WO/2008/012465

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

(62) Divisional to Application Number :198/MUMNP/2009 Filed on :28/01/2009 (71)Name of Applicant : 1)ROQUETTE FRERES

Address of Applicant :F-62136 Lestrem, France

(21) Application No.777/MUMNP/2014 A

(72)Name of Inventor:

1)LIS, Jos

(57) Abstract:

(19) INDIA

The present invention relates to a granulated sorbitol of essentially crystalline form and having a high sorbitol content, characterized in that it has a specific surface area, determined according to the BET method, of greater than or equal to 2 m2/g, preferably of between 2.2 and 4 m2/g, and even more preferably of between 2.5 and 3.5 m2/g, a compressibility of between 200 and 400 N, preferably of between 250 and 350 N, and a volume-average diameter, measured by laser diffraction particle sizing using a dry-system module, of between 260 and 1000 μ m, preferably of between 260 and 500 μ m, and even more preferably of between 260 and 350 μ m.

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

(19) INDIA

(22) Date of filing of Application :30/05/2013

(21) Application No.1902/MUM/2013 A

(43) Publication Date: 06/02/2015

(54) Title of the invention: DISPLAY

	 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G02B 6/08, G02B 6/00, G09F9/30 :2012- 132110 :11/06/2012 :Japan :NA :NA :NA	(71)Name of Applicant: 1)SONY CORPORATION Address of Applicant:1-7-1, Konan, Minato-ku, Tokyo, Japan (72)Name of Inventor: 1)HIROAKI FUJII 2)SHINPEI NAGATANI 3)TAKEFUMI IKENOYA 4)HIROAKI YOKOTA
_	(62) Divisional to Application Number Filing Date	:NA :NA	
	(57) A1		

(57) Abstract:

A display includes: a plate member having flexibility and including a first face and a second face that face each other; a frame member provided on the first face of the plate member and extending in one direction of the first face; and a display body having flexibility and disposed on a side of the plate member on which the second face is provided.

No. of Pages: 50 No. of Claims: 10

(21) Application No.1903/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :30/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : A NOVEL PHARMACEUTICAL COMPOUND HAVING BACTERICIDAL ACTION AGAINST TUBERCLE BACILLI AND SYTHESIS THEREOF

(51) International classification	:A61K31/457	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INSTITUTE OF PHARMACY, NIRMA UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :Sarkhej Gandhinagar Highway,
(33) Name of priority country	:NA	Ahmedabad, Gujarat India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Dr. GHATE, Manjunath
(87) International Publication No	: NA	2)BAROT, Kuldipsinh
(61) Patent of Addition to Application Number	:NA	-
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A Novel Benzamidazole Derivatives and synthesis thereof whereby novel benzimidazole derivatives are (R)-2-(4-methoxyphenyl)-3-(3,5-diflorophenyl)-1,2,3,5- tetrahydrobenzo[4,5]imidazo[1,2-c]pyrimidin-4-ol (KPB 13) and (R)-2-(4-methoxyphenyl)-3-(2-hydroxy,5-methoxyphenyl)-1,2,3,5-tetrahydrobenzo[4,5]imidazo[1,2-c]pyrimidin-4-ol (KPB 15) having potent antitubercular activity. The said KPB 13 and KPB 15 have the structure shown below which are active against M. tuberculosis including drug-resistant mycobacteria and some non-tuberculosis mycobacteria.

No. of Pages: 55 No. of Claims: 9

(22) Date of filing of Application :30/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: NOVEL ESTRUS DETECTION DEVICE AND METHOD OF ESTRUS DETECTION IN ANIMALS

	:A61B	(71)Name of Applicant :
(51) International classification	10/00,	1)MS. MRUNAL NITEEN MARKANDEYA
	A61D17/00	Address of Applicant :A-2, 202, WELWORTH SAMRIDHI
(31) Priority Document No	:NA	APARTMENTS, ATREYA SOCIETY, GUJARATH COLONY,
(32) Priority Date	:NA	KOTHRUD, PUNE - 411038 Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)DR. NITEEN MANMOHAN MARKANDEYA
Filing Date	:NA	2)MS. MRUNAL NITEEN MARKANDEYA
(87) International Publication No	: NA	3)MRS. MANISHA RAJESH MHATRE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides a novel estrus detection device in animals which comprises a mount detector, a pedometer, a mucous detector (3), a temperature detector, all of them electronically connected to a microprocessor through the interfaces so as to give inputs to the said microprocessor having a LCD display, a battery to provide power to the microprocessor and detectors. The said microprocessor is also connected to a RF transmitter for sending message to the owner of the animals. The device combines the four important parameters determining optimum time of the estrus stage of the animal so that artificial insemination could be carried out at that point to increase the chances of conception.

No. of Pages: 21 No. of Claims: 6

(21) Application No.781/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/04/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention: SYSTEM AND METHOD FOR SENDING DESTINATION LOCATIONS TO NAVIGATION **DEVICES**

(51) International classification :G08G 1/0968 (31) Priority Document No :11/563.045 (32) Priority Date :24/11/2006 (33) Name of priority country :U.S.A.

(86) International Application No Filing Date :20/11/2007

(87) International Publication No :WO/2008/064267

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

(62) Divisional to Application Number :639/MUMNP/2009 Filed on :31/03/2009

(71)Name of Applicant:

1)OUALCOMM INCORPORATED

Address of Applicant : Attn: International IP Administration, 5775 Morehouse Drive, San Diego, California 92121-1714,

:PCT/US2007/085302 United States of America (72) Name of Inventor: 1)SPRIGG, Stephen A.

(57) Abstract:

A navigation device receives a destination location to automatically calculate a route to the destination location over a wireless network. The destination location may be generated by a third party at a remote computer or wireless device. The destination location may be entered into the remote computer or wireless device, or may be automatically generated by the device. The destination location is transmitted from the remote computer or wireless device to the navigation device. Once received, the user of the navigation device may have the option of accepting or rejecting the destination location. The navigation device then uses the destination location to calculate a route which is communicated to the user with minimal to no user interaction. Multiple destinations may be sent to the navigation device, thus allowing advanced programming of an entire trip.

No. of Pages: 23 No. of Claims: 17

(22) Date of filing of Application :28/04/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention: METHOD FOR THE SELECTIVE PRODUCTION OF N METHYL PARA ANISIDINE

(51) International :C07C211/48,C07C213/08,C07C217/84 classification

(31) Priority Document :2011139487

(32) Priority Date :28/09/2011

(33) Name of priority

:Russia country

(86) International :PCT/RU2011/000901 Application No

:15/11/2011 Filing Date

(87) International :WO 2013/048279 Publication No

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

(71)Name of Applicant:

1)ZAKRITOYE AKTSIONERNOE OBSHESTVO IFOHIM

Address of Applicant :65 Profsoyuznaya St. building 1 app. 2 room 2 Moscow 117342 Russia.

(72)Name of Inventor:

1)FROLOV Alexander Yurievich 2)IVANOV Yuriy Alexandrovich 3) BELIAKOV Nikolay Grigorievich

(57) Abstract:

The invention entitled Method for the selective production of N methyl para anisidine relates to chemical technology processes and more specifically to methods for the catalytic alkylation of aromatic amines and nitro compounds. The invention concerns a method for producing N methyl para anisidine (N methyl para methoxyaniline; N methyl para aminoanisole) from para anisidine (para aminoanisole; para methoxyaniline) or para nitroanisole (1 methoxy 4 nitrobenzene) and methanol in the presence or absence of hydrogen over a heterogeneous catalyst. The proposed method makes it possible to exploit existing industrial plants used for producing aniline and N methylaniline. The aim of the invention is to make it possible to produce N methyl para anisidine with a purity of not less than 98% and a high yield thus permitting cost effective multi tonne manufacture.

No. of Pages: 31 No. of Claims: 15

(21) Application No.739/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :18/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: METHOD FOR THE CONTROLLING AND FEEDING OF A POWER PLANT AND POWER PLANT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:P396453 :27/09/2011 :Poland :PCT/PL2012/000096 :27/09/2012 :WO 2013/048268 :NA :NA	(71)Name of Applicant: 1)PISKORZ Tomasz Tadeusz Address of Applicant: Polna 12 PL 21 509 Koden Poland 2)PISKORZ Waldemar (72)Name of Inventor: 1)PISKORZ Tomasz Tadeusz 2)PISKORZ Waldemar
Filing Date	:NA	
()		

(57) Abstract:

The subject of the invention is a method for the controlling and feeding of power plants in particular coal fired power plants comprising a steam turbine connected to a turbogenerator. The method consists in that in periods of low power consumption the power is transferred from the turbine shaft to a compressor and the air compressed therein is pumped by compressors to the tanks of a compressed air terminal until a pressure close to the pressure of steam fed to turbine blades is reached. When energy demand increases compressed air from the tanks is fed through nozzles onto the turbine blades along with superheated steam produced in a boiler. The subject of the invention is also a system for collecting compressed air and feeding it to the turbine.

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

(21) Application No.793/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/04/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention: ENHANCEMENT OF THE ISOLATING MECHANISM OF A MULTIMODULAR ELECTRICAL APPARATUS OF THE CIRCUIT BREAKER TYPE

(51) International :H01H9/26,H01H71/10,H01H73/04 classification

:NA

(31) Priority Document No :11306242.6 :29/09/2011 (32) Priority Date

(33) Name of priority country: EPO

(86) International Application :PCT/FR2012/052199

No :28/09/2012 Filing Date

(87) International Publication :WO 2013/045856

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

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant: 1)HAGER ELECTRO SAS

Address of Applicant :132 boulevard dEurope F 67210

Obernai France

(72)Name of Inventor: 1)HOUDE Claude 2)DUFOUR Jer'me 3)BENOIT Christian

(57) Abstract:

Electrical cutoff apparatus (1) of modular type each module (2a 2b 2c 2d) of which comprises a control lever (4) cooperating with a moveable contact holder (5) driven by a mechanical lock 5 and by means (9) for restoring the contact holder (5) towards or away from a fixed contact (7) all the levers (4) of the apparatus (1) being linked by a single operating member (3) rigid linking means being provided between the adjacent contact holders (5). This apparatus is characterized in that said rigid linking means 10 consist of at least one rigid male part belonging to a first contact holder (5) cooperating without any degree of freedom with at least one female part belonging to a contact holder (5) adjacent to the first contact holder (5) each male part being sectile.

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

(22) Date of filing of Application :29/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: A THREE CHANNEL CACHE COHERENCY SOCKET PROTOCOL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06F12/08 :61/551917 :26/10/2011 :U.S.A. :PCT/US2012/061923 :25/10/2012 :WO 2013/063264 :NA :NA :NA	 (71)Name of Applicant: 1)QUALCOMM TECHNOLOGIES INC. Address of Applicant: 5775 Morehouse Drive San Diego CA 92121 U.S.A. (72)Name of Inventor: 1)LECLER Jean jacques
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(57) Abstract:

A system and method are disclosed for communicating coherency information between initiator and target agents on semiconductor chips. Sufficient information communication to support full coherency is performed through a socket interface using only three channels. Transaction requests are issued on one channel with responses given on a second. Intervention requests are issued on the same channel as transaction responses. Intervention responses are given on a third channel. Such an approach drastically reduces the complexity of cache coherent socket interfaces compared to conventional approaches. The net effect is faster logic smaller silicon area improved architecture performance and a reduced probability of bugs by the designers of coherent initiators and targets.

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

(22) Date of filing of Application :29/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: ADJUSTING A BUNDLING FACTOR DE JITTER BUFFER SIZE

:NA

(51) International classification :H04W28/06,H04L29/06 (71)Name of Applicant : (31) Priority Document No 1)QUALCOMM INCORPORATED :61/560002 (32) Priority Date Address of Applicant : Attn: International Ip Administration :15/11/2011 (33) Name of priority country 5775 Morehouse Drive San Diego California 92121 U.S.A. :U.S.A. (86) International Application No (72)Name of Inventor: :PCT/US2012/065358 1)PALADUGU Karthika Filing Date :15/11/2012 (87) International Publication No :WO 2013/074841 2)ANCHAN Kirankumar (61) Patent of Addition to Application 3)LIN Yih Hao :NA :NA Filing Date (62) Divisional to Application Number :NA

(57) Abstract:

Filing Date

In an embodiment a user equipment (UE) determines to originate a communication session and the UE further determines whether an access network serving the UE supports header compression. Based on the header compression determination the UE establishes on a given bundling factor (BF). The UE transmits a first set of media packets to a server during the communication session the first set of media packets each including a first number of media frames based on the given BF. The server determines target BF(s) for target UE(s) and determines whether to modify the given BF based on the target BF(s). Based on these determinations the server transmits a second set of media packets either unmodified from the first stream of data packets or modified based on the target BF(s). The target UE(s) receive the second stream of data packets and set a de jitter buffer size based on the associated BF.

No. of Pages: 49 No. of Claims: 56

(22) Date of filing of Application :31/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: PHARMACEUTICAL COMPOSITIONS COMPRISING AN EXCIPIENT PREPARED BY MANILKARA ZAPOTA (LINN.) P. ROYEN SYN. SEEDS.

:A61K	(71)Name of Applicant:
36/00,	1)SINGH, Sudarshan
A61K	Address of Applicant :S/O B. K. SINGH, Q. NO: B/13, AT.
31/554	PO -RAJGAMAR (OMPUR), DISTRICT - KORBA, STATE-
:NA	CHHATTISGARH, INDIA PIN CODE: 495683 Chattisgarh India
:NA	2)BOTHARA, Sunil B
:NA	(72)Name of Inventor:
:NA	1)SINGH, Sudarshan
:NA	2)BOTHARA, Sunil B
: NA	
:NA	
:NA	
:NA	
:NA	
	36/00, A61K 31/554 :NA :NA :NA :NA :NA :NA :NA

(57) Abstract:

Pharmaceutical compositions comprising at least one active pharmaceutical ingredient, to which parts of one or more additional complimentary active pharmaceutical ingredient may be optionally added; and the mucilage prepared from Manilkara zapota (Linn.) P. Royen syn. seeds. The invention also provides for methods of preparation of the compositions.

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

(22) Date of filing of Application :31/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: NUMERICAL MODELING OF LINEWELD CONNECTIONS

	:G06F19/00,	(71)Name of Applicant:
(51) International classification	B23P11/00,	1)DASSAULT SYSTEMES SIMULIA CORP.
	B23K31/00	Address of Applicant :a Company incorporated in State of
(31) Priority Document No	:13/487,900	Rhode Island of 166 Valley Street, Providence, RI 02909, United
(32) Priority Date	:04/06/2012	States of America
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:NA	1)ROY, Ritwick
Filing Date	:NA	2)ORTIZ, Juan Antonio Hurtado
(87) International Publication No	: NA	3)OANCEA, Victor George
(61) Patent of Addition to Application Number	:NA	4)CHINNAKONDA, Manoj Kumar Manoharan
Filing Date	:NA	5)ROSWALL, Martin Tage
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A computer-implemented method for modeling a lineweld connecting two modeled parts includes receiving lineweld properties from a user, wherein the properties include a lineweld path. The computer-implemented method also includes positioning a plurality of fastener definitions at discrete points along the lineweld path, defining beam element definitions between adjacent fastener definitions, and analyzing the lineweld based on the fastener definitions and beam element definitions.

No. of Pages: 26 No. of Claims: 14

(21) Application No.742/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/04/2014 (43) Publication Date : 06/02/2015

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

(51) International classification (31) Priority Document No	:2011-242025	(71)Name of Applicant: 1)SONY CORPORATION
(32) Priority Date(33) Name of priority country	:04/11/2011 :Japan	Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075 Japan
(86) International Application No	:PCT/JP2012/007001	(72)Name of Inventor:
Filing Date	:31/10/2012	1)OKUMURA Mami
(87) International Publication No	:WO 2013/065305	2)IRIMAJIRI Mayu
(61) Patent of Addition to Application Number	:NA :NA	3)HAGIWARA Takehiro 4)NAKAHASHI Ryo
Filing Date		5)MIYAZAKI Mitsuhiro
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An information processing apparatus includes a display and a controller that controls display of a current program. The controller also controls display of a plurality of first images in a first arrangement. Each first image corresponds to content of the current program. The controller additionally controls display of a plurality of second images in a second arrangement. Each second image corresponds to content associated with a user.

No. of Pages: 50 No. of Claims: 23

(19) INDIA

(22) Date of filing of Application :29/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: A PROCESS FOR RAPIDLY SCREENING ENZYME AND ENZYME MIXTURES FOR THE HYDROLYSIS OF LIGNO CELLULOSIC BIOMASS

(51) International classification :C12Q1/34
(31) Priority Document No :TO2011A001076
(32) Priority Date :23/11/2011
(33) Name of priority country :Italy

(86) International Application No :PCT/IB2012/056677
Filing Date :23/11/2012
(87) International Publication No :WO 2013/076698

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

Filing Date

(62) Divisional to Application Number

Filing Date

:NA

:NA

(71)Name of Applicant: 1)C5 6 ITALY S.R.L.

Address of Applicant :Strada Savonesa 9 Frazione Rivalta

Scrivia I 15057 Tortona (Alessandria) Italy

(21) Application No.796/MUMNP/2014 A

(72)Name of Inventor:1)VOLPATI Laura2)PARAVISI Stefano

3)RIVAS TORRES Beatriz

(57) Abstract:

The invention is to a novel method for evaluating the hydrolysis conversion of a enzyme or enzyme mixture relative to a specific ligno cellulosic biomass. The method evaluates the hydrolysis conversion of a enzyme or enzyme mixture relative to a specific ligno cellulosic biomass by preparing a pretreated ligno cellulosic biomass suspension a buffer solution and an enzyme or enzyme mixture solution; dispensing a portion of one or more of the three components into a plurality of test vials subjecting one or more of the plurality of test vials to varying incubation periods reducing the rate of incubation at the end of each incubation period and analyzing the resulting samples for dissolved sugars to determine the rate of reaction.

No. of Pages: 12 No. of Claims: 9

(22) Date of filing of Application :29/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: EXTRACTION OF URANIUM FROM WET PROCESS PHOSPHORIC ACID

(51) International classification	:C22B60/02,C01G43/00	(71)Name of Applicant :
(31) Priority Document No	:61/553742	1)URTEK LLC
(32) Priority Date	:31/10/2011	Address of Applicant :2024 Goldenvue Drive Golden CO
(33) Name of priority country	:U.S.A.	80401 U.S.A.
(86) International Application No	:PCT/US2012/062711	(72)Name of Inventor:
Filing Date	:31/10/2012	1)RICHARDSON Marcus Worsley
(87) International Publication No	:WO 2013/066957	2)DAVIDSON James Andrew
(61) Patent of Addition to Application	:NA	3)JONES Bryn Llywelyn
Number	:NA	4)PAGE Jessica Mary
Filing Date	.NA	5)SOLDENHOFF Karin Helene
(62) Divisional to Application Number	:NA	6)SAFINSKI Tomasz Artur
Filing Date	:NA	7)TRAN Manh Toan

(57) Abstract:

In a preferred embodiment a process for extracting uranium from wet process phosphoric acid (WPA) comprises separating uranium from WPA to produce a loaded uranium solution stream and a uranium depleted WPA stream. The loaded uranium solution stream is then contacted by with an ion exchange resin. Uranium species bound to the ion exchange resin are eluted by contacting the resin with a solution comprising anions to produce a loaded uranium eluant stream. The loaded uranium eluant stream is treated to provide a uranium containing product.

No. of Pages: 29 No. of Claims: 19

(21) Application No.746/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/04/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention: ELECTRICAL LINE PROTECTION DEVICE PROVIDED WITH MEANS OF INDICATING AN ELECTRICAL FAULT ON THE LINE

(51) International classification :H01H71/04,H01H71/52 (71)Name of Applicant : (31) Priority Document No :1158434 :22/09/2011 (32) Priority Date (33) Name of priority country :France (86) International Application No :PCT/FR2012/052074 Filing Date :17/09/2012 (87) International Publication No :WO 2013/041801 (61) Patent of Addition to Application

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

1)HAGER ELECTRO SAS

Address of Applicant :132 boulevard dEurope F 67210

Obernai France

(72)Name of Inventor: 1)ESSADIK Hassan 2)KUHN Denis

3)STRUB Pascal

(57) Abstract:

An electrical line protection device of the circuit breaker type (1) characterised in that it comprises indicator means indicating the occurrence of an electrical fault and storing this information until the handle (3) is reset in the ON position said indicator means consisting of a portion of said cam (11) which is visible through a window (4) formed in the drum (7) in the OFF position of the handle (3) following an electrical fault and is not visible in the ON/OFF positions of the handle (3) following a manual action.

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

(22) Date of filing of Application :22/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: METHOD AND/OR APPARATUS FOR GEOFENCE MANAGEMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04W4/02 :61/549619 :20/10/2011 :U.S.A. :PCT/US2012/057496 :27/09/2012 :WO 2013/058954 :NA :NA :NA	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: Attn: International IP Administrator 5775 Morehouse Drive San Diego California 92121 U.S.A. (72)Name of Inventor: 1)SHESHADRI Suhas H. 2)SRIVASTAVA Aditya N.
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(57) Abstract:

Disclosed are a system method or device for maintaining a geofence to provide alerts in response to an object entering or exiting an area bounded by the geofence. In one example implementation a geofence may be temporarily altered. In particular examples such an alteration of a geofence may comprise changing a size or shape of the geofence.

No. of Pages: 35 No. of Claims: 28

(22) Date of filing of Application :22/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: SECURING DATA COMMUNICATIONS IN A COMMUNICATIONS NETWORK

(51) International classification	:H04W12/08	(71)Name of Applicant:
(31) Priority Document No	:61/553317	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:31/10/2011	Address of Applicant :SE 164 83 Stockholm Sweden
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/EP2012/071508	1)LEHTOVIRTA Vesa
Filing Date	:30/10/2012	2)HEDMAN Peter
(87) International Publication No	:WO 2013/064509	3)WIFVESSON Monica
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method is described of securing data communications between a first node (10) attached to a first network (40 1) and a second node (20/30) attached to a second network (40 2). The method comprises at the second node (20/30): receiving (S1) first information (I1) on whether the first network (40 1) has a secure network layer path to the first node (10) or is known to use a secure network layer path to attached nodes; receiving (S2) second information (I2) on whether the second node (20/30) has a secure network layer path to the second network (40 2) or is known to use a secure network layer path to the second network (40 2); and receiving (S3) third information (I3) on whether the first network (40 1) has a secure internal network layer path and where the first and second networks (40 1 40 2) are different on whether the first network (40 1) has a secure network layer path to the second network (40 2) or is known to use a secure network layer path to the second network (40 2). It is determined (S5) from the first second and third information (I1 I2 I3) whether the entire path between the first node (10) and the second node (20/30) is secured at the network layer level and based on that determination it is decided whether to establish (S6t S7r) application layer security for data communications between the first node (10) and the second node (20/30) or whether to proceed without application layer security (S8t S8r).

No. of Pages: 70 No. of Claims: 45

(21) Application No.800/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: DIAGNOSIS AND RISK STRATIFICATION USING NT-PROET-1

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G01N 33/74 :102007021443.1 :08/05/2007 :Germany :PCT/DE2008/000781 :08/05/2008 :WO/2008/135038 :NA :NA	(71)Name of Applicant: 1)BRAHMS AKTIENGESELLSCHAFT Address of Applicant: NEUENDORFSTRASSE 25, 16761 HENNIGSDORF GERMANY (72)Name of Inventor: 1)BERGMANN, Andreas 2)STRUCK, Joachim
- 14	:NA :2068/MUMNP/2009 :05/11/2009	

(57) Abstract:

The invention relates to a method for the diagnosis and/or risk stratification of cardiac diseases and diseases of the respiratory tract and lungs. According to said method, the free fragment N-terminal proEndothelin (NT-proET-1; AS 18-52 of the preproET according to fig. 1) or fragments and partial peptides thereof is or are determined

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

(22) Date of filing of Application :29/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : NOVEL PROCESS FOR PREPARATION OF POLYMORPHS OF DABIGATRAN ETEXILATE MESYLATE

(51) International classification	:C07D401/12	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AARTI DRUGS LIMITED
(32) Priority Date	:NA	Address of Applicant :MAHENDRA INDUSTRIAL
(33) Name of priority country	:NA	ESTATE, GROUND FLOOR, PLOT NO. 109-D, ROAD NO. 29,
(86) International Application No	:NA	SION (EAST), MUMBAI - 400 022, MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)KHARCHE, SUNIL TRYAMBAK
(61) Patent of Addition to Application Number	:NA	2)MULIK, VIDYANAND YASHWANT
Filing Date	:NA	3)SINGH, ALOK ARDAMAN
(62) Divisional to Application Number	:NA	4)PATIL, PRAKASH MORESHWAR
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

The present invention discloses a simple and industrially scalable process for preparation of amorphous and crystalline form I of Dabigatran Etexilate Mesylate in good yield and purity.

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

(21) Application No.696/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/04/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention: COMPOSITE STRETCH MATERIAL AND MANUFACTURING PROCESS THEREFOR

(51) International (71)Name of Applicant: :A61F13/15,A61F13/49,A61F13/494 classification 1)UNICHARM CORPORATION (31) Priority Document No Address of Applicant: 182 Shimobun Kinsei cho Shikokuchuo :2011-225253 (32) Priority Date :12/10/2011 shi Ehime 7990111 JAPAN. (33) Name of priority (72)Name of Inventor: :Japan 1)OKUDA Jun country (86) International 2)MITSUNO Satoshi :PCT/JP2012/076529 Application No :12/10/2012 Filing Date (87) International :WO 2013/054923 Publication No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(57) Abstract:

This composite stretch material (3) is composed of a first nonwoven fabric sheet and a second nonwoven fabric sheet (1U 1L) and elastic members (2) disposed therebetween. In each nonwoven fabric sheet recessed portions (51) and protruded portions (53) are formed in the thicknesswise direction. The recessed and protruded portions formed alternately repeatedly in a first direction configure recess protrusion lines (41). The recess protrusion lines (41) are separated from each other by flat regions (43) which contain neither recessed portions nor protruded portions and which extend along the first direction. The flat regions (43) are joined to each other with the elastic member therebetween. The protruded portions of the first nonwoven fabric sheet enter respectively into the recessed portions of the second nonwoven fabric sheet while the protruded portions of the second nonwoven fabric sheet enter respectively into the recessed portions of the first nonwoven fabric sheet.

No. of Pages: 40 No. of Claims: 6

(22) Date of filing of Application :21/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: UTILIZING RELATIONSHIPS BETWEEN PLACES OF RELEVANCE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04W4/04 :61/540509 :28/09/2011 :U.S.A. :PCT/US2012/058035 :28/09/2012 :WO 2013/049654 :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)KUHN Lukas Daniel 2)LEE Jin Won 3)NARAYANAN Vidya
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(57) Abstract:

Methods systems computer readable media and apparatuses for utilizing relationships between places of relevance are presented. In some embodiments a mobile computing device may obtain information indicative of a micro place of relevance visited by the mobile device at a first time. The information may be based on measurements taken by the mobile device at the first time. Further the mobile device may derive an attribute of the visit to the micro place of relevance based on the obtained information and a place model that associates micro places of relevance with macro places of relevance.

No. of Pages: 60 No. of Claims: 40

(21) Application No.744/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/04/2014 (43) Publication Date : 06/02/2015

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

(51) International classification :B60K7/00,B60G17/019,G01L5/00

:24/10/2012

(31) Priority Document No :2011-237260 (32) Priority Date :28/10/2011

(33) Name of priority country :Japan

(86) International Application :PCT/JP2012/077477

No

Filing Date
(87) International Publication
WO 2013/062005

No

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

(62) Divisional to Application
Number
Filing Date
:NA

(71)Name of Applicant: 1)NTN CORPORATION

Address of Applicant :3 17 Kyomachibori 1 chome Nishi ku

Osaka shi Osaka 5500003 Japan

(72)Name of Inventor: 1)TAKAHASHI Toru

(57) Abstract:

An in wheel motor drive device (11) is provided with: a motor unit which rotationally drives a motor side rotary member; a deceleration unit which decelerates the rotation of the motor side rotary member and transmits the decelerated rotation to a wheel side rotary member; a wheel hub (26) which is fixedly coupled to the wheel side rotary member; a wheel hub bearing which rotatably supports the wheel hub (26); a casing (12) which covers the motor unit the deceleration unit or the wheel hub bearing; a plurality of sensors (43) which are mounted to the casing (12) and capable of detecting distortion occurring in the casing (12); and a signal processing unit (46) which calculates a load applied to a wheel on the basis of distortion signals outputted by the sensors (43).

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

(22) Date of filing of Application :29/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention : DRIVE DEVICE FOR EMBARKATION AND DISEMBARKATION DEVICES OF PUBLIC TRANSPORTATION VEHICLES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:E05F15/12 :NA :NA :NA :PCT/EP2011/068417 :21/10/2011 :WO 2013/056743 :NA :NA	(71)Name of Applicant: 1)GEBR. BODE GMBH & CO. KG Address of Applicant: Ochshuser Str. 14 34123 Kassel Germany (72)Name of Inventor: 1)LINNENKOHL Lars 2)HARDING Alfons
· /		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a drive device (10) for embarkation and disembarkation devices of public transportation vehicles comprising a drive unit (11) which is arranged within a rotary column (20) and drives same. The drive unit rotates the rotary column (20) about the rotary column longitudinal axis Z Z during opening and closing processes of the embarkation and disembarkation devices. The drive device (10) is supported on the vehicle and the drive unit (11) has a drive motor (30) a non self locking reduction gear (31) and a controllable blocking means (32) with which a rotation of the rotary column (20) can be blocked. According to the invention the drive device (10) additionally has a sensor (50) with which the magnitude of an external force can be detected said force acting on the drive device (10). The drive device (10) further has means for analyzing signals of the sensor (50) and for triggering the blocking effect of the blocking means (32) when an external force measured by the sensor (50) exceeds a threshold.

No. of Pages: 25 No. of Claims: 8

(22) Date of filing of Application :28/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: THREE DIMENSIONAL SPINE CORRECTION ROBOT

(51) International alegaic action	. A C1E5/045	(71)Nome of Applicant .
(51) International classification	:A61F5/045	(71)Name of Applicant :
(31) Priority Document No	:201110300155.3	1)ZHANG, Jilin
(32) Priority Date	:09/10/2011	Address of Applicant :lF. Produce film Building, No.77 north
(33) Name of priority country	:China	3rd ring road, Beijing film studio, Haidian District Beijing
(86) International Application No	:PCT/CN2012/082655	100088, China China
Filing Date	:09/10/2012	2)ZHANG, Yi
(87) International Publication No	:WO 2013/053311	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)ZHANG Jilin
Number		
- 1,00000	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A three dimensional spine correction robot comprises: a pillar (1) a seat (2) several human body fixing belts (302) a head fixing apparatus a bracket (9) several pillar casing pipes (3) a spine lateral push and pull apparatus (6) and a seat locking mechanism (10). The head fixing apparatus is fixed on the top of the bracket (9). The pillar casing pipes (3) are sleeved over the pillar (1) in a movable manner and each pillar casing pipe (3) is connected to a human body fixing belt (302). The lower end of the pillar casing pipe (3) is connected to the seat (2) and the upper end thereof is connected to the pillar (1). A first elastic connection object (301) is connected between the pillar casing pipes (3). The spine lateral push and pull apparatus (6) may move up and down along the pillar (1) and swing. The seat (2) is connected to the pillar (1) through a bearing and may move up and down along the pillar (1). The seat locking mechanism (10) is fixed between the bracket (9) and the seat (2). The three dimensional spine correction robot is characterized in that the therapy location is accurate and action indexes such as therapy strength amplitude and speed may be precisely quantified.

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

(21) Application No.790/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: MONITORING METHOD

:F27B13/14	(71)Name of Applicant :
:NA	1)INNOVATHERM PROF. DR. LEISENBERG GMBH +
:NA	CO. KG
:NA	Address of Applicant : Am Hetgesborn 20 35510 Butzbach
:PCT/EP2011/067034	Germany
:29/09/2011	(72)Name of Inventor:
:WO 2013/044968	1)MNIKOLEISKI Hans Peter
·N A	2)MAIWALD Detlef
	3)UHRIG Wolfgang
:NA	4)HEINKE Frank
:NA	5)DI LISA Domenico
:NA	6)HIMMELREICH Andreas
	:NA :NA :NA :PCT/EP2011/067034 :29/09/2011 :WO 2013/044968 :NA :NA

(57) Abstract:

The invention relates to a method for monitoring an operating state of an anode firing furnace wherein the anode firing furnace is formed from a plurality of heating ducts (12) and furnace chambers wherein the furnace chambers are used to hold anodes and the heating ducts are used to control the temperature of the furnace chambers wherein the anode firing furnace comprises at least one furnace unit (11) having a heating zone (18) a firing zone (19) and a cooling zone (20) wherein a suction device (15) is arranged in the heating zone and a burner device (16) is arranged in the firing zone wherein by means of the burner device combustion air is heated in the heating ducts of the firing zone wherein by means of the suction device hot air is sucked out of the heating ducts of the heating zone wherein a suction output of the suction device is determined and wherein a pressure in the heating duct is measured wherein a volume flow in the heating duct is determined from a ratio of suction output and pressure.

No. of Pages: 24 No. of Claims: 16

(22) Date of filing of Application :29/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: A ROLL FORMING MACHINE AND METHOD FOR ROLL FORMING

(51) International classification	:B21D5/08	(71)Name of Applicant:
(31) Priority Document No	:11009123	1)ORTIC 3D AB
(32) Priority Date	:11/12/2011	Address of Applicant :Rgkersgatan 5 S 781 74 Borlnge
(33) Name of priority country	:Sweden	Sweden
(86) International Application No	:PCT/SE2012/051268	(72)Name of Inventor:
Filing Date	:16/11/2012	1)Ingvarsson Lars
(87) International Publication No	:WO 2013/089611	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A roll forming machine has a stand (11) and a row of forming stations (12) which comprise frames (14 15) for carriers (17 18) of pair of rollers laterally displaceably mounted on the stand. An intermediate piece (16) is pivotally mounted on each frame for being pivoted about a vertical axis and two carriers of a pair of rollers are separately laterally displaceably mounted on each intermediate piece. Each carrier of a pair of rollers comprises two axle pins for carrying a forming roller each and the two carriers of a pair of rollers have their axle pins directed towards each other.

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

(22) Date of filing of Application :29/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: METHOD AND DEVICE FOR SENDING MESSAGES TO GROUP USER THROUGH MICROBLOG

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04L29/08 :201110335081.7 :28/10/2011 :China :PCT/CN2012/076399 :01/06/2012 :WO 2013/060143 :NA :NA :NA	(71)Name of Applicant: 1)TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED Address of Applicant: Room 403 East Block 2 SEG Park Zhenxing Road Futian District Shenzhen Guangdong 518057 China (72)Name of Inventor: 1)CHEN Yuteng 2)HE Mingming 3)JI Mingzhong 4)ZHENG Zhihao 5)LIANG Zhu 6)HUANG Xitong
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(57) Abstract:

Disclosed are a method and device for sending messages to a group user through microblog which can simply and rapidly send messages to a group user through an @ symbol. When a user is sending a message the present invention queries the group to be joined by the user and sends messages to the group users in the manner of @ group avoiding sending messages to each group user using the manner of @ user nickname many times improving efficiency of sending messages by group and facilitating the user.

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

(22) Date of filing of Application :30/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: AMORPHOUS FORM OF CANAGLIFLOZIN AND PROCESS FOR PREPARING THEREOF

(51) International classification(31) Priority Document No(32) Priority Date	:C07D409/10, A61K31/7034 :NA :NA	(71)Name of Applicant: 1)CADILA HEALTHCARE LIMITED Address of Applicant: Zydus Tower, Satellite Cross Road, Ahmedabad 380 015, Gujarat, India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)DWIVEDI, Shriprakash Dhar
Filing Date	:NA	2)KHERA, Brij
(87) 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 invention relates to stable amorphous form of Canagliflozin. The invention also provides the processes for the preparation of an amorphous form of Canagliflozin; and pharmaceutical compositions comprising therapeutically effective amount of an amorphous form of Canagliflozin, use of said composition for treatment of diabetes, obesity and diabetic complications, especially in type-2 diabetes.

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

(21) Application No.749/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :22/04/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention : TRANSMISSION OF EXTENDED SERVICE REQUEST FOR REDUCING THE DELAY IN CIRCUIT SWITCHED FALLBACK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H04W36/00 :61/548640 :18/10/2011 :U.S.A. :PCT/US2012/060718 :18/10/2012 :WO 2013/059392 :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)SWAMINATHAN Arvind
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Circuit switched fallback (CSFB) is a technique to deliver voice services to a mobile when the mobile is camped in a long term evolution (LTE) network. Certain aspects of the present disclosure provide techniques that may help reduce delays in call setup related to CSFB and in some cases avoid unnecessary paging.

No. of Pages: 43 No. of Claims: 60

(21) Application No.1029/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :23/03/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: HEALTHCARE MANAGEMENT SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:G06F19/00 :NA :NA :NA :NA :NA :NA : NA	(71)Name of Applicant: 1)Hope Hospitals Address of Applicant:51 Dhantoli, Nagour 440012 Maharashtra, India (72)Name of Inventor: 1)Dr B K Murali
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention provides a healthcare management system that comprises a configurable application and a shared database. The healthcare management system comprises a configurable application hosted on a cloud server, wherein the application is configured to be accessed by more than one client through a client interface; a shared database accessible by the configurable application; and a patient access interface to access a patient health record. The patient access interface accesses the patient health record based on a reading of a unique personal health record ID, a medical smart card, a phone number, or combinations thereof. The invention also provides a computer program product that enables implementation of the healthcare management system of the invention.

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

(22) Date of filing of Application :24/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: SYNCHRONIZING FORWARDING DATABASES IN A NETWORK DEVICE BACKGROUND

(51) International classification	:H04L12/56	(71)Name of Applicant:
(31) Priority Document No	:NA	1)QUALCOMM INCORPORATED
(32) Priority Date	:NA	Address of Applicant :5775 Morehouse Drive San Diego
(33) Name of priority country	:NA	California 92121 1714 U.S.A.
(86) International Application No	:PCT/CN2011/081911	(72)Name of Inventor:
Filing Date	:08/11/2011	1)ZHOU Xuyang
(87) International Publication No	:WO 2013/067681	2)MA Bibo
(61) Patent of Addition to Application	:NA	3)LI Ganglun
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
7.5		1

(57) Abstract:

Synchronizing forwarding databases in a network device. A first forwarding database may be maintained in a database engine portion of the network device. The forwarding database may include a plurality of entries each of the entries comprises a synchronization field. The forwarding database may also include a global synchronization value used for the synchronization. A controller in the network device may receive a message indicating one or more changes to a first one or more entries in the forwarding database. The first one or more entries have a first global synchronization value in the synchronization field. Accordingly the global synchronization value may be changed to a second value and a query may be performed using the first global synchronization value to return changes to the first entries. Changes to other entries in the forwarding database that occur after the global synchronization value is changed may not be part of the query results.

No. of Pages: 43 No. of Claims: 28

(21) Application No.1865/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: SILENCERS FOR AUTOMOBILES

	:F01N1/04,	(71)Name of Applicant :
(51) International classification	F01N13/18,	
	F01N13/02	Address of Applicant :D1 BLOCK, PLOT NO. 18/2 (PART),
(31) Priority Document No	:NA	MIDC, CHINCHWAD, PUNE - 411 019 MAHARASHTRA,
(32) Priority Date	:NA	INDIA.
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)PINNAPEDDA BALASANKAR
Filing Date	:NA	2)GOKHALE ANISH
(87) International Publication No	: NA	3)MALI SUJIT
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An exhaust silencer for a vehicle includes a chamber, an exhaust gas treatment module, a tubular arrangement of a plurality of tubular elements and a tail pipe. The chamber receives exhaust gas from the engine and interior thereof is divided by partition walls to configure a first end portion, a second end portion and an intermediate portion. The exhaust gas treatment module is disposed within the chamber and is supported between the partition walls. The tubular arrangement of the plurality of tubular elements configures fluid connection between the exhaust gas treatment module and the second end portion, the first end portion and the intermediate portion of the chamber to configure an extended to and fro flow path for treated gases to pass through before evacuation thereof from the chamber without requiring any bends to be configured on the tubular elements.

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

(19) INDIA

(22) Date of filing of Application :17/04/2014

(21) Application No.727/MUMNP/2014 A

(43) Publication Date: 06/02/2015

(54) Title of the invention: COMPOSITIONS CONTAINING QUATERNARY AMMONIUM COMPOUNDS

:28/01/2009

:A61K 9/00, A61K (71)Name of Applicant: (51) International classification 1/14 1)SANTEN SAS Address of Applicant: 1, rue Pierre Fontaine, F- 91000 Evry, (31) Priority Document No :06291236.5 (32) Priority Date :28/07/2006 (33) Name of priority country (72)Name of Inventor: :EPO (86) International Application No :PCT/EP2007/057784 1) RABINOVICH-GUILATT, Laura Filing Date :27/07/2007 2)LAMBERT, Gregory (87) International Publication No :WO/2008/012367 3)LALLEMAND, Frederic (61) Patent of Addition to Application 4)PHILIPS Betty :NA Number :NA Filing Date (62) Divisional to Application Number :197/MUMNP/2009

(57) Abstract:

Filed on

This invention relates to compositions containing quaternary ammonium compounds in which the nitrogen atom is substituted by at least one alkyl group having at least 12 carbon atoms, characterized in that said composition includes at least 20% in weight by weight of the total composition, of ammonium halides in which the nitrogen atom is substituted by at least one alkyl group having at least 14 carbon atoms and more than 5%, preferably more than 7% in weight by weight of the total composition, of ammonium halides in which the nitrogen atom is substituted by at least one alkyl group having at least 16 carbon atoms. This invention also relates to ophthalmic oil-in-water emulsions containing such compositions, said ophthalmic emulsions being useful for eye care or for the treatment of eye conditions.

No. of Pages: 29 No. of Claims: 24

(22) Date of filing of Application :29/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: FOOLPROOF PROTECTION WHILE DRIVING A CAR

(51) International classification	:G07C5/08,B60K28/00, B60R22/48	(71)Name of Applicant : 1)SURAJ PRATAP SINGH
(31) Priority Document No	:NA	Address of Applicant :C-366, C-SECTOR, SHAHPURA
(32) Priority Date	:NA	NEAR AYUSHMAN HOSPITAL BHOPAL - 462016 - M.P.
(33) Name of priority country	:NA	Madhya Pradesh India
(86) International Application No	:NA	2)SWAPNIL KUMAR SAHU
Filing Date	:NA	3)VIKASH GUPTA
(87) International Publication No	: NA	4)SUMIT AHIRWAR
(61) Patent of Addition to Application	:NA	(72)Name of Inventor:
Number	:NA	1)SURAJ PRATAP SINGH
Filing Date	.IVA	2)SWAPNIL KUMAR SAHU
(62) Divisional to Application Number	:NA	3)VIKASH GUPTA
Filing Date	:NA	4)SUMIT AHIRWAR

(57) Abstract:

According to the invention, a safety system for automobiles is disclosed which is based on regulating usage of seat belt while driving the car. IR transmitter circuit installed on the seat belt emits IR signals when seat belt is buckled up and IR receiver circuit installed on the steering receives the signals and allow ignition key to start the motor. In the event seat belt of the seat is not fastened by the driver, IR signals are not emitted by IR transmitter and do not enable the operation of ignition system of the car.

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

(19) INDIA

(22) Date of filing of Application :29/04/2014

(21) Application No.786/MUMNP/2014 A

(43) Publication Date: 06/02/2015

(54) Title of the invention: ANTI GAPING DEVICE DESIGNED FOR A ZONE JOINING TWO PORTIONS OF ADJACENT SHELLS OF A HOUSING OF A MODULAR ELECTRICAL APPARATUS

(51) International :H01H71/02,H01H71/08,H01R4/38 classification

(31) Priority Document No

:11306241.8 :29/09/2011

(33) Name of priority country: EPO

(86) International Application

:PCT/FR2012/052192 No :27/09/2012

Filing Date

(32) Priority Date

(87) International Publication

:WO 2013/045851

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

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant: 1)HAGER ELECTRO SAS

Address of Applicant :132 boulevard dEurope F 67210

Obernai France France (72)Name of Inventor: 1)HOUDE Claude 2)BENOIT Christian

(57) Abstract:

Anti gaping device designed for a zone for joining two adjacent portions of shell (3a 4a; 3b 4b; 3c 4c) of a housing of a modular electrical apparatus (1) of the circuit breaker or isolator type said portions of shell (3a 4a; 3b 4b; 3c 4c) forming when they are edge to edge a face (6a 6b 6c) of plane appearance of said housing comprising at least one window (7a 7b 7c) affording access to a connection device (5a 5b 5c) for the connection of at least one external conductor (8a 8b 8c) with a view to its clamping against a conducting terminal (1 1) linked to a functional block of the apparatus (1). This device is characterized in that said terminal (1 1) comprises a span stretching parallel to and in the vicinity of said face (6a 6b 6c) for connection and comprising at least one recess for receiving at least one lug (17) protruding from each portion of shell (3a 4a; 3b 4b; 3c 4c) to the interior of the housing each lug (17) being inserted into a recess so that in the inserted position the surfaces of the lugs (17) and of the recess or recesses in contact position the portions of shell (3a 4a; 3b 4b; 3c 4c) edge to edge so as to constitute the face (6a 6b 6c) of plane appearance and oppose their separation.

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

(21) Application No.755/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :23/04/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: SURFACE TREATED CALCIUM CARBONATE AND ITS USE IN WATER PURIFICATION AND FOR THE DEWATERING OF SLUDGES AND SEDIMENTS

(51) International classification :B01J20/04,B01J20/32,C02F1/28 (71)Name of Applicant:

(31) Priority Document No :11187987.0 (32) Priority Date :04/11/2011

(33) Name of priority country :EPO

(86) International Application :PCT/EP2012/071471

:30/10/2012 Filing Date

(87) International Publication No:WO 2013/064492

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

(62) Divisional to Application :NA Number

:NA Filing Date

(57) Abstract:

1)OMYA INTERNATIONAL AG

Address of Applicant :Baslerstrasse 42 CH 4665 Oftringen

Switzerland

(72)Name of Inventor: 1) GERARD Daniel E. 2)HARTAN Hans Georg 3)SCHOELKOPF Joachim

4)SKOVBY Michael 5) GANE Patrick A. C.

The invention relates to a process for the purification of water and/or dewatering of sludges and/or sediments to the use of a surface treated calcium carbonate for water purification and/or dewatering of sludges and/or sediments as well as to the use of a surface treated calcium carbonate for reducing the amount of polymeric flocculation aids in water and/or sludges and/or sediments and to a composite material comprising a surface treated calcium carbonate and impurities originated from different sources obtainable by said process.

No. of Pages: 67 No. of Claims: 32

(22) Date of filing of Application :23/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention : LOW PROFILE INFUSION PUMP WITH ANTI DRUG DIVERSION AND ACTIVE FEEDBACK 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 	:A61M1/00 :61/539339 :26/09/2011	(71)Name of Applicant: 1)MEDIPACS INC. Address of Applicant:9040 S. Rita Road Suite 1100 Tucson Arizona 85747 U.S.A. (72)Name of Inventor: 1)BANISTER Mark 2)CLARK Raymond 3)COINER Erich 4)GERONOV Yordan M. 5)MCWILLIAMS Mark D. 6)SIAS Ralph 7)VAN VEEN Mark 8)WALTERS Gary
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(57) Abstract:

A low profile and volumetrically efficient medication delivery device configured to be placed on the body of a patient during fluid delivery to the patient is provided. The device incorporates a low profile actuator assembly that causes fluid delivery by displacing a collapsible reservoir in response to receiving an electrical current or charge input from a programmable controller and a power supply. Additional components help prevent drug theft or abuse measure actuator pressure displacement and temperature in real time providing active feedback to the controller that is controlling the actuator. The device also has wireless communication capabilities.

No. of Pages: 24 No. of Claims: 43

(22) Date of filing of Application :23/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention : PROCESS FOR PREPARING A SYNTHETIC FOAM HAVING A CONTROLLED PARTICLE DISTRIBUTION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B29C67/20,C08J9/28,A61L31/04 :2007503 :29/09/2011 :Netherlands	(71)Name of Applicant: 1)POLYGANICS B.V. Address of Applicant:Rozenburglaan 15A NL 9727 DL Groningen Netherlands
(86) International Application No Filing Date (87) International Publication No	:PCT/NL2012/050686 :01/10/2012 :WO 2013/048253	 (72)Name of Inventor: 1)CHANDRASHEKHAR BHAT Bhushan 2)TOOREN Martin Franke 3)DE GRAAF Robbert Arnold 4)RIBBELS Romke Stephan Rudolf
(61) Patent of Addition to Application Number Filing Date	:NA :NA	4)KIDDELS Kolike Stephali Kudoli
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to processes for preparing a synthetic foam having present therein particles with a controlled particle distribution and the use of said foam as well as to foams as such. Accordingly the invention is directed to a process for preparing a synthetic foam having present therein particles wherein the distribution of said particles is controlled by the following steps of dissolving at least one synthetic polymer in one or more solvents to form a solution; contacting particles with said solution to form a polymer/particles mixture; and freeze drying the polymer/particles mixture by: freezing the polymer/particles mixture; and subsequently subliming the one or more solvents to form a synthetic foam comprising said particles.

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

(22) Date of filing of Application :24/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: ULTRASOUND BASED MOBILE RECEIVERS IN IDLE MODE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06F1/32,G06F3/01 :13/290797 :07/11/2011 :U.S.A. :PCT/US2012/062598 :30/10/2012 :WO 2013/070458 :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. U.S.A. (72)Name of Inventor: 1)BRYGER Boaz E. 2)ERUCHIMOVITCH Baruch 3)DAGAN Noam
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(57) Abstract:

An acoustic system which may be ultrasonic operates in a power efficient idle mode thereby reducing the power consumption required by high frequency sampling and processing. While in idle mode an acoustic receiver device operates with an idle sampling rate that is lower than the full sampling rate used during full operational mode but is capable of receiving a wake up signal from the associated acoustic transmitter. When the wake up signal is received the acoustic receiver switches to full operational mode by increasing the sampling rate and enables full processing. The acoustic system may be used in e.g. an ultrasonic pointing device location beacons in peer to peer communications between devices as well as gesture detection.

No. of Pages: 27 No. of Claims: 42

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: A DEVICE OF YANTRA WITH EMBEDDED GEM STONES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A44C17/00, A44C13/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)GHANSHYAM DAULATRAM SHARMA Address of Applicant: B-17,112, SAPNA FLATS, SATYANAGAR SOCIETY, OPP. SILICON SHOPPERS, NR. JIVAN JYOT CINEMA, UDHNA, SURAT - 394210 Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)GHANSHYAM DAULATRAM SHARMA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A device (1) with yantra (2) having embedded gem stones (3) made of mystical inscriptions of several planets in the universe that aid a jatak in leading a content and happy life which mainly comprises of:yantra {2) made of any shape such as circles, triangles, squares and dots which symbolize cosmic energies with powers which relate with the five elements of nature - earth, water, fire, air and sky - and by performing regular prayer which is a recitation of a particular sound Mantra over the present device (1) with gem stones (3) embedded helps overcoming the problems set forth by the planet in particular jatak and gem stones (3) embedded in the said yantra (2) according to the natal chart and suitability of houses (4) of Jatak where multiple gem stones (3) can be embedded in single house (4) or same type of gem stone can be embedded in multiple houses (4) to solve the problems of jatak and to facilitate best results to the jatak depending upon the gem stones (3) embedded in the necessary houses (4) on probability basis.

No. of Pages: 28 No. of Claims: 10

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : SYSTEM AND METHOD FOR IDENTIFYING DEFECTS IN WELDS BY PROCESSING X-RAY IMAGES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:G01N23/18, G06T7/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)ThinkSmart IT Solutions Private Limited Address of Applicant: 1st Floor, Premier Plaza, Phase 2, Old Bombay-Pune Highway, Chinchwad, Pune 411019, Maharashtra, India. (72)Name of Inventor:
Filing Date (87) International Publication No	:NA :NA : NA	1)BHATTAD, Nilesh Madanlal 2)PATIL, Sagar Shankar
(61) Patent of Addition to Application NumberFiling Date(62) Divisional to Application Number	:NA :NA :NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is a system and method for identifying a defect in a weld joint through an X-Ray image. An image capturing module captures the X-Ray image of the weld joint. The X-Ray image comprises dark areas and bright areas. An image processing module executes a gamma correction algorithm on the X-Ray image by using a standard power law transform in order to enhance contrast of the dark areas and the bright areas. The image processing module further passes the X-Ray image through one or more de-noising filters in order to remove noise from the X-Ray image. An analysis module identifies a fragment of the X-Ray image that comprises one or more dark area with respect to neighboring areas adjacent to the one or more dark area. The analysis module further segments the X-Ray image into one or more segments in order to identify the defect in the weld joint.

No. of Pages: 25 No. of Claims: 11

(21) Application No.761/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :23/04/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: HYDROPHOBIC DRUG DELIVERY MATERIAL METHOD FOR MANUFACTURING THEREOF AND METHODS FOR DELIVERY OF A DRUG DELIVERY COMPOSITION

(51) International classification :A61K9/00,A61K9/16,A61K9/20 (71)Name of Applicant: (31) Priority Document No :13/307506 (32) Priority Date :30/11/2011

(33) Name of priority country :U.S.A. (86) International Application

:PCT/EP2012/073982 :29/11/2012 Filing Date

(87) International Publication No:WO 2013/079604

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)THERAKINE BIODELIVERY GMBH

Address of Applicant : Magnusstr. 11 12489 Berlin Germany

(72)Name of Inventor: 1)VOIGT Andreas 2)KRIWANEK Jrg 3)HAMPTON Scott 4)REIFF Andreas

5)LEHMANN, SONJA

(57) Abstract:

A method for manufacturing a drug delivery composition includes providing at least a pharmaceutically active composition providing a hydrophobic matrix; and mixing the hydrophobic matrix and the pharmaceutically active composition to form a paste like or semi solid drug delivery composition.

No. of Pages: 36 No. of Claims: 34

(21) Application No.758/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :23/04/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: ACOUSTIC ECHO CANCELLATION BASED ON ULTRASOUND MOTION DETECTION

(51) International :H04M9/08,H04M1/02,G06F3/0346 classification

(31) Priority Document No :61/563191 (32) Priority Date :23/11/2011 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2012/063786

No

:07/11/2012 Filing Date

(87) International Publication :WO 2013/078002 No

(61) Patent of Addition to :NA

Application Number :NA Filing Date

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

(71)Name of Applicant:

1)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)LI Ren

2)CHAN Kwokleung

(57) Abstract:

A method includes receiving an ultrasound signal at an ultrasound receiver from an ultrasound transmitter. The method also includes detecting movement of at least one object based on the received ultrasound signal and at least one previously received ultrasound signal. The method further includes modifying a parameter of an acoustic echo canceller in response to the detected movement.

No. of Pages: 33 No. of Claims: 24

(21) Application No.765/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/04/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: BLOW MOLDING MACHINE METHOD FOR MOUNTING MOLD COMPONENT AND MOLD UNIT

(51) International

:B29C49/28,B29C33/30,B29C49/06

classification (31) Priority Document No

:2011-233452

(32) Priority Date

:24/10/2011

(33) Name of priority country: Japan

(86) International Application :PCT/JP2012/077275

No

:22/10/2012

Filing Date

(87) International Publication :WO 2013/061937

(61) Patent of Addition to

:NA

Application Number Filing Date

:NA

(62) Divisional to Application :NA

Number

:NA

(57) Abstract:

Filing Date

(71)Name of Applicant:

1)NISSEI ASB MACHINE CO. LTD.

Address of Applicant: 4586 3 Koo Komoro shi Nagano

3848585 Japan

(72)Name of Inventor:

1)HORIGOME Hiroshi

2)NAKAJIMA Toshio

An objective of the present invention is to provide a blow molding machine that can reduce the workload for loading and unloading mold components. The blow molding machine has: a support member (510 610) that supports a mold component to be loaded or unloaded into the blow molding machine; and a moving mechanism (520 720) that moves the support member between a protrusion position (P1 P5) in which the support member horizontally protrudes in a direction away from the blow molding machine and a housed position (P2 P6). The blow molding machine has a first fixed support shaft (20 23). The base end of the support member is rotatably supported by the first fixed support shaft and the free end of the support member is provided with a first movable support shaft (513 713). The moving mechanism comprises a plurality of links (521 522 721 722) that are rotatably coupled to each other and one of the plurality of links is rotatably supported by the movable support shaft of the support member. When the support member is set to the protrusion position the plurality of links are maintained in a linear shape by a first angle locking tool (530 730) and the plurality of links act as a leg that supports the free end of the support member.

No. of Pages: 57 No. of Claims: 15

(19) INDIA

(22) Date of filing of Application :24/04/2014

(21) Application No.767/MUMNP/2014 A

(43) Publication Date: 06/02/2015

(54) Title of the invention: ORAL CARE COMPOSITIONS

(51) International classification	:A61K8/19,A61Q11/00	(71)Name of Applicant:
(31) Priority Document No	:2795/MUM/2011	1)RUBICON RESEARCH PRIVATE LIMITED
(32) Priority Date	:30/09/2011	Address of Applicant :221 Annexe Building Goregaon
(33) Name of priority country	:India	Mulund Link Road Opposite Indira Container Yard Off L.B.S.
(86) International Application No	:PCT/IN2012/000651	Marg Bhandup (West) Mumbai 400078 Maharashtra India
Filing Date	:28/09/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2013/072932	1)PILGAONKAR Pratibha Sudhir
(61) Patent of Addition to Application	:NA	2)RUSTOMJEE Maharukh Tehmasp
Number	:NA	3)GANDHI Anilkumar Surendrakumar
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to oral care compositions and to method of maintaining oral health. The oral care composition of the present invention comprises at least one carbon dioxide source at least one acid source at least one abrasive and one or more pharmaceutically acceptable excipients.

No. of Pages: 25 No. of Claims: 16

(21) Application No.774/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/04/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: GROUP COMMUNICATIONS OVER EVOLVED MULTIMEDIA BROADCAST/MULTICAST **SERVICES**

(51) International classification :H04W72/00,H04W72/12 (71)Name of Applicant : (31) Priority Document No :61/558728 (32) Priority Date :11/11/2011

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

(86) International Application No :PCT/US2012/064696

Filing Date :12/11/2012 (87) International Publication No :WO 2013/071250

(61) Patent of Addition to Application :NA Number

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

1)OUALCOMM INCORPORATED

Address of Applicant : Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A.

(72)Name of Inventor:

1)ANCHAN Kirankumar

2)LIN Yih Hao

(57) Abstract:

The disclosure is directed to group communications over evolved multimedia broadcast/multicast services (E MBMS). An embodiment identifies a schedule for an indicator on a broadcast/multicast medium of a first multicast media on a multicast flow wherein the indicator is configured to identify a location of data on the broadcast/multicast medium and to identify a presence of the data on the multicast flow binds application layer paging an application layer wake up mechanism or a power saving mechanism to the schedule for the indicator on the multicast flow wakes from a sleep mode to monitor the indicator to determine availability of the first multicast media based on the indicator tunes to the first multicast media if the first multicast media is available and returns to the sleep mode if the first multicast media is not available.

No. of Pages: 35 No. of Claims: 16

(22) Date of filing of Application :28/05/2013

(43) Publication Date: 06/02/2015

(54) Title of the invention : A MEANS FOR GROWING AND ISOLATING MICROORGANISMS AND A METHOD FOR GROWING AND ISOLATING MICROORGANISMS USING THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	C12N1/02 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)WALAWALKAR YOGESH D. Address of Applicant:21/F1, KAMAT GARDENS, NR. ST. XAVIERS COLLEGE, DATTAWADI- MAPUSA GOA 403507, INDIA. Goa India (72)Name of Inventor: 1)WALAWALKAR YOGESH D.
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides a means for growing and isolating a microorganism; said means comprises at least one paper which can be used as a substitute for devices such as glass plate, flask, tubes and vials. The present invention also provides a simple and economic method for growing and isolating a microorganism using a means comprising at least one paper.

No. of Pages: 19 No. of Claims: 13

(21) Application No.720/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/04/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention : FLUID STORING FILTERING AND GAS DISCHARGING APPARATUS AND HEMATOMA EVACUATOR BASED ON THE LIQUID STORING FILTERING AND AIR DISCHARGING 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 	:201110336365.8 :29/10/2011 :China :PCT/CN2012/082638 :09/10/2012 :WO 2013/064005 :NA :NA	(71)Name of Applicant: 1)LI Guangcheng Address of Applicant: First Peoples Hospital Economic & Technological Development Area Qingdao Shandong 266555 China (72)Name of Inventor: 1)LI Guangcheng
Filing Date	:NA	

(57) Abstract:

A fluid storing filtering and gas discharging apparatus (2) comprising a fluid holder (21) a gas detector (23) and a filter (22). The fluid holder (21) has a protruding apex structure and comprises a fluid inlet and a fluid outlet. A gas discharging pipe in communication with the outside is arranged on the protruding apex of the fluid holder (21). The gas detector (23) is arranged on the gas discharging pipe. The filter (22) is fixed within the fluid holder (21) and is connected to the fluid outlet. The fluid storing filtering and gas discharging apparatus (2) uses the fluid holder (21) and the filter (22) to implement the storage and filtration of a working fluid while at the same time the fluid holder (21) having the protruding apex structure ensures complete discharging of gases mixed in the working fluid thus achieving the goals of fluid storage filtration and gas discharge and providing great reliability.

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

(21) Application No.778/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/04/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: POLYMERIC DRUG DELIVERY MATERIAL METHOD FOR MANUFACTURING THEREOF AND METHOD FOR DELIVERY OF A DRUG DELIVERY COMPOSITION

(51) International classification :A61K9/16,A61K9/00,A61K9/20 (71)Name of Applicant: (31) Priority Document No :13/307474 (32) Priority Date :30/11/2011 (33) Name of priority country :U.S.A. (86) International Application

:PCT/EP2012/073983 :29/11/2012

Filing Date (87) International Publication No:WO 2013/079605

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)THERAKINE BIODELIVERY GMBH

Address of Applicant : Magnusstr. 11 12489 Berlin Germany

(72)Name of Inventor: 1)VOIGT Andreas 2)KRIWANEK Jrg 3)Scott HAMPTON 4)REIFF Andreas

5)LUDWIG Sonja

(57) Abstract:

A method for manufacturing a drug delivery composition includes providing at least one pharmaceutically active compound a dry powder comprising at least a polymer and an aqueous solution. The dry powder the pharmaceutically active compound and the aqueous solution are mixed to form a paste like or semi solid drug delivery composition wherein the aqueous solution is added in an amount of less than or equal to twice the total dry mass of the dry powder.

No. of Pages: 36 No. of Claims: 31

(21) Application No.779/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: ISOXAZOLE TREATMENTS FOR DIABETES

(51) International classification	:C07D261/18,A01N43/84	(71)Name of Applicant:
(31) Priority Document No	:61/563419	1)THE BOARD OF REGENTS OF THE UNIVERSITY OF
(32) Priority Date	:23/11/2011	TEXAS SYSTEM
(33) Name of priority country	:U.S.A.	Address of Applicant :201 W. 7th Street Austin TX 78701
(86) International Application No	:PCT/US2012/066346	U.S.A.
Filing Date	:21/11/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2013/078376	1)DIOUM Elhadji
(61) Patent of Addition to Application	:NA	2)SCHNEIDER Jay
Number	:NA	3)FRANTZ Doug
Filing Date	.NA	4)AGUILAR Hector
(62) Divisional to Application Number	:NA	5)COBB Melanie
Filing Date	:NA	

(57) Abstract:

The present invention relates to compounds and methods for inducing synthesis and secretion of insulin from pancreatic beta cells. The methods may take place in vitro such as in isolates from adult mammalian tissue or Compounds and methods described herein may find use in the treatment of diabetes.

No. of Pages: 96 No. of Claims: 72

(21) Application No.780/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: LAYERED NONWOVEN FABRIC AND METHOD FOR PRODUCING LAYERED NONWOVEN FABRIC

(51) International :D04H1/498,B32B5/26,D04H1/492

classification (31) Priority Document No :2011-216877

(31) Priority Document No :2011-2168//
(32) Priority Date :30/09/2011
(33) Name of priority country :Japan

(86) International Application :PCT/JP2012/075588

No :26/09/2012

Filing Date .20/09/201

(87) International Publication :WO 2013/047890

(61) Patent of Addition to

Application Number Siling Date :NA:

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

1)UNICHARM CORPORATION

Address of Applicant :182 Shimobun Kinsei cho Shikokuchuo shi Ehime 7990111 JAPAN.

(72)Name of Inventor:

1)MITSUNO Satoshi

2)OKUDA Jun

3)KAMEDA Noritomo

(57) Abstract:

An object of the present invention is to provide a layered nonwoven fabric with excellent feel on the skin and liquid permeability and a method for producing the layered nonwoven fabric. The layered nonwoven fabric of the present invention is as follows. A layered nonwoven fabric (1) comprising an upper layer (2) consisting of a first nonwoven fabric and a lower layer (3) consisting of a second nonwoven fabric wherein the layered nonwoven fabric (1) has a first surface (4) on the first nonwoven fabric side with a plurality of protrusions (5) and recesses (6) and a second surface (7) on the second nonwoven fabric side the protrusions (5) on the first surface (4) have a higher basis weight than the recesses (6) on the first surface (4) and the protrusions (5) on the first surface (4) have a lower fiber density than the recesses (6) on the first surface (4).

No. of Pages: 62 No. of Claims: 15

(22) Date of filing of Application :31/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: MICROPOLY METHOD FOR PLASMONIC SILVER NANORODS SYNTHESIS

(51) International classification	:B22F9/24, B22F1/00, B82Y40/00	(71)Name of Applicant: 1)DR. LUBNA HASHMI Address of Applicant: DEPARTMENT OF PHYSICS
(31) Priority Document No	:NA	Address of Applicant :DEPARTMENT OF PHYSICS, MANIT, BHOPAL (M.P.) 462051 Madhya Pradesh India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)DR. LUBNA HASHMI
(86) International Application No	:NA	2)DR. M.M. MALIK
Filing Date	:NA	3)MR. DEVESH KUMAR SHARMA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 41		•

(57) Abstract:

MicroPoJy Method for Plasmonic Silver Nanorods Synthesis is an industrially applicable method to synthesize uniform silver nanorods. MicroPoly method is a microwave modified form of conventional Polyol process which is industrially viable, cost effective and provides an excellent opportunity to researchers and manufacturers to synthesize large quantities of silver nanorods in relatively less time (1-2 hrs) as compared to conventional Polyol process which takes almost 5 hours. Synthesized silver nanorods were characterized using X-ray diffraction technique (Drawing 1), scanning electron microscopy (Drawing 2) and atomic force microscopy (Drawing 3), and UV visible spectroscopy (Drawing 4). These results confirm the formation of crystalline face centered cubic lattice of silver with average width of 300nm and length between 500nm to 5 u.m.Plasmonic absorption bands around 575nm, 450nm and 375nm were observed in absorption spectra (Drawing 5). which are required to use silver nanorods in nano-antennas, sub-wavelength waveguides and efficient solar cells.

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

(21) Application No.628/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/04/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention: APPARATUS AND METHOD FOR STANDBY TIME IMPROVEMENTS FOR STATIONS IN A WIRELESS NETWORK

(51) International classification :H04L12/12,H04L12/56 (71)Name of Applicant : (31) Priority Document No :60/779.235 (32) Priority Date :03/03/2006

(33) Name of priority country :U.S.A. (86) International Application No :PCT/US2007/063190

Filing Date :02/03/2007 (87) International Publication No :WO/2007/103794

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

Filing Date (62) Divisional to Application Number :1991/MUMNP/2008 Filed on :16/09/2008

1)OUALCOMM INCORPORATED

Address of Applicant : Attn: International IP Administration, 5775 Morehouse Drive, San Diego, California 92121-1714,

United States of America (72)Name of Inventor:

1) MEYLAN, Arnaud 2)DESHPANDE, Manoj M.

3)NANDA, Sanjiv

(57) Abstract:

Techniques to improve the standby time of a station in a wireless network are described. An access point may advertise or convey a maximum listen interval and/or an association timeout supported by that access point. A station may operate in a power-save mode and may wake up every listen interval to receive a beacon and any potential traffic for the station. The station may select a suitable listen interval based on the maximum listen interval. The station may be dormant for a longer duration than the listen interval and may become active at least once in every association timeout in order to keep the association with the access point alive. The access point may also send broadcast and multicast traffic that might be of interest to stations in the power-save mode less frequently and using a special indication message.

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

(21) Application No.629/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/04/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention : APPARATUS AND METHOD FOR STANDBY TIME IMPROVEMENTS FOR STATIONS IN A WIRELESS NETWORK

(51) International classification :H04L12/12,H0 (31) Priority Document No :60/779,235 (32) Priority Date :03/03/2006 (33) Name of priority country :U.S.A.

(86) International Application No Filing Date :02/03/2007

(87) International Publication No :WO/2007/103794 (61) Patent of Addition to Application

Number
Filing Date

Signal Addition to Application Signal Signal

(62) Divisional to Application Number :1991/MUMNP/2008 Filed on :16/09/2008

:H04L12/12,H04L12/56 (71)Name of Applicant :

1)OUALCOMM INCORPORATED

Address of Applicant : Attn: International IP Administration, 5775 Morehouse Drive, San Diego, California 92121-1714,

United States of America (72)Name of Inventor:

1)MEYLAN, Arnaud 2)DESHPANDE, Manoj M.

3)NANDA, Sanjiv

(57) Abstract:

Techniques to improve the standby time of a station in a wireless network are described. An access point may advertise or convey a maximum listen interval and/or an association timeout supported by that access point. A station may operate in a power-save mode and may wake up every listen interval to receive a beacon and any potential traffic for the station. The station may select a suitable listen interval based on the maximum listen interval. The station may be dormant for a longer duration than the listen interval and may become active at least once in every association timeout in order to keep the association with the access point alive. The access point may also send broadcast and multicast traffic that might be of interest to stations in the power-save mode less frequently and using a special indication message.

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

(19) INDIA

(22) Date of filing of Application :02/06/2014

(21) Application No.1069/MUMNP/2014 A

(43) Publication Date: 06/02/2015

(54) Title of the invention: MICROBICIDAL COMPOSITION

(51) International classification(31) Priority Document No	:A01N31/04,A01N31/08,A01N31/16 :61/567363	(71)Name of Applicant: 1)UNILEVER PLC Address of Applicant: a company registered in England and
(32) Priority Date	:06/12/2011	Wales under company no. 41424 of Unilever House 100 Victoria
(33) Name of priority country	:U.S.A.	Embankment London Greater London EC4Y 0DY, United Kingdom
(86) International Application No Filing Date (87) International	:PCT/EP2012/074410 :05/12/2012	 (72)Name of Inventor: 1)CORNMELL Robert Joseph 2)DIEHL Megan Anne 3)GOLDING Stephen
Publication No	:WO 2013/083587	4)HARP John Robert
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)STOTT Ian Peter 6)THOMPSON Katherine Mary 7)TRUSLOW Carol Lynn
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A synergistic microbicidal composition containing a phenolic compound selected from the class consisting of chlorinated phenols monosubstituted phenols fused bicyclic phenols isopropyl methyl catechols and monosubstituted catechols and an antimicrobial alcohol selected from the class of menthadiene alcohols and other antimicrobial alcohols.

No. of Pages: 69 No. of Claims: 15

(22) Date of filing of Application :30/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : AN IMPROVED PROCESS FOR PREPARATION OF PYRROLES HAVING HYPOLIPIDEMIC HYPOCHOLESTEREMIC ACTIVITIES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D207/48, C07D207/333 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)CADILA HEALTHCARE LIMITED Address of Applicant: Zydus Tower, Satellite Cross Road, Ahmedabad 380 015, Gujarat, India, (72)Name of Inventor: 1)DWIVEDI, Shriprakash, Dhar 2)SINGH, Ramesh, Chandra 3)CHAVDA, Rajendra, Gokalbhai 4)PATEL, Jagdish, Maganlal 5)PAL, Daya, Ram 6)RAVAL, Jigar, Mukundbhai 7)SHARMA, Mukul, Hariprasad 8)GANGWAR, Pranav, Jitendra 9)PATIL, Sachin, Ashokrao 10)PATEL, Vikas 11)TRIPATHI, Vishwadeepak, Rama, Pati
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(57) Abstract:

The present invention provides pyrroles having hypolipidemic hypocholesteremic activities. The invention provides saroglitazar and its pharmaceutically acceptable salts, hydrates, solvates, polymorphs or intermediates thereof. The invention also provides a process for the preparation of saroglitazar. The invention further provides intermediates as well process for preparation thereof.

No. of Pages: 49 No. of Claims: 23

(22) Date of filing of Application :31/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: ORGANIZATIONAL TASK MANAGEMENT SOFTWARE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:G06Q10/02, G06F15/16 :NA :NA :NA :NA	(71)Name of Applicant: 1)SLK GLOBAL BPO SERVICES PVT. LTD. Address of Applicant: OFFICE NO. 3, BUILDING NO. 2, COMMERCE ZONE, SURVEY NO. 144/145, YERWADA, SAMRAT ASHOK PATH, PUNE-411006, MAHARASHTRA, INDIA.
Filing Date (87) International Publication No	:NA : NA	(72)Name of Inventor : 1)ALOK DATTA
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)AKSHAY SHAH
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Invention is a Web based Software, built on a client-server architecture. Here the application and the database reside on a central server and this can be accessed via dedicated links or Internet across multiple locations simultaneously. Each person has a predefined role and based on that the system authenticates and authorizes a person to access only the screens and data to which the user has been provided access. Also the user can only record the completion status and not modify the task in any way. This control is restricted to only to the authorized personnel. When users log into Invention they are presented with easy to use menu of routines and tasks organized by Customer-People-Processes and Financials. In each of this heads the user is presented with his tasks for the day-weekmonth and visually appealing way to record the completion status of the task. We encourage users to attach documents that can validate the completion status. If there are challenges for the task then they can escalate it to their reporting manager. Behind the scenes is a complex maze of Business rules that drive an active workflow. Furthermore there are auto escalation mechanism that would escalate to higher levels based on the elapsed time and severity. Invention also provides MIS to track the adherence and continuously improve effectiveness.

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

(22) Date of filing of Application :08/04/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: SOLAR CONTROL GLAZING COMPRISING A LAYER OF AN ALLOY CONTAINING NICU

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C03C17/36 :1159542 :21/10/2011 :France :PCT/FR2012/052363 :17/10/2012 :WO 2013/057425 :NA :NA	(71)Name of Applicant: 1)SAINT GOBAIN GLASS FRANCE Address of Applicant: 18 avenue dAlsace F 92400 Courbevoie France (72)Name of Inventor: 1)SINGH, LAURA JANE 2)PALACIOS LALOY Agustin 3)SANDRE CHARDONNAL Etienne
Filing Date	:NA	

(57) Abstract:

A glazing with a solar control property comprising a glass substrate on which a stack of layers is deposited said stack comprising a layer formed from an alloy comprising Nickel and Copper in which the atomic percentage of Copper is greater than 1% and less than 25% and in which the atomic percentage of Nickel is greater than 75% and less than 99%.

No. of Pages: 23 No. of Claims: 12

(21) Application No.1985/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :02/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: COMPOSITION FOR PREVENTING AND REDUCING SIGNS OF SKIN AGING

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ITC LIMITED
(32) Priority Date	:NA	Address of Applicant :Corporate R&D ITC R&D Centre
(33) Name of priority country	:NA	Peenya Industrial Area, 1st Phase, Bangalore 560 058, Karnataka
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)KUMARI, Deva
(61) Patent of Addition to Application Number	:NA	2)JOIS, Prashanth
Filing Date	:NA	3)DIXIT, Ajay Kumar
(62) Divisional to Application Number	:NA	4)CHANDRASEKHARAN, Lakshmanan Chittur
Filing Date	:NA	5)BANDYOPADHYAY, Balaji

(57) Abstract:

The present invention relates to a composition comprising a combination of oleanolic acid, L-histidine, L-carnosine, and kinetin. The composition as disclosed herein is useful for preventing and reducing signs of skin aging by boosting involucrin synthesis.

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

(22) Date of filing of Application :10/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: STRUCTURE OF VEHICLE BODY REAR PART

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:2012- 165831 :26/07/2012	(71)Name of Applicant: 1)SUZUKI MOTOR CORPORATION Address of Applicant: 300, Takatsuka-cho, Minami-ku, Hamamatsu-shi, Shizuoka-Ken, Japan (72)Name of Inventor:
(32) Priority Date (33) Name of priority country	:26/07/2012 :Japan	Hamamatsu-shi, Shizuoka-Ken , Japan (72)Name of Inventor :
(86) International Application No	:NA	1)Shinei MOCHIZUKI
Filing Date	:NA	2)Koji OISHI
(87) 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] [Problems to be Solved] To make it possible to increase the rigidity of left and right lower side corner portions of a round closed cross-sectional structure of a back door opening section through coupling of a tail end member, reduce twisting deformation of a vehicle body in which the portion of the round closed cross-sectional structure are distorted on both the left and right sides, and improve driving stability and riding comfort performance of the vehicle. [Solution] In the structure of a vehicle body rear part 1 in which a back door opening section 2 around which a closed cross-sectional structure is provided is provided in the vehicle body rear part 1 including rear lamp house panels 4 and a back panel section 8 and the back door opening section 2 is arranged to incline obliquely such that a lower part is located further toward a vehicle back than an upper part. In the structure of the vehicle body rear part 1, a tail end member 18 extending along a vehicle width direction is coupled to lower side corner portions C of the closed cross-sectional structure located on both the left and right sides of the back door opening section 2, swelling sections 19 extending further outward than the lower side corner portions C of the closed cross-sectional structure are provided on both the left and right sides of the tail end member 18, and the swelling sections 19 are joined to the rear lamp house panels 4 and the back panel section 8.

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

(21) Application No.2099/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :10/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: SYSTEM AND METHOD OF DETERMINING LOCATION OF WIRELESS COMMUNICATION DEVICES/PERSONS FOR CONTROLLING/ADJUSTING OPERATION OF DEVICES BASED ON THE LOCATION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:13/495,497 :13/06/2012 :U.S.A. :NA	(71)Name of Applicant: 1)APPLE INC. Address of Applicant: 1 Infinite Loop, M/S 169-3IPL, Cupertino, California 95014, USA U.S.A. (72)Name of Inventor:
Filing Date	:NA	1)Raghunandan K. PAI
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	2)Timothy S. HURLEY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

One or more relay servers can access first data received from one or more first devices (e.g., a phone, tablet computer, vehicle tracking device, or badge reader). The one or more relay servers can aggregate the data and infer a location of a person. The one or more relay servers can transmit second signals including second data to one or more second devices (e.g., lighting systems, security systems, garage-door openers, music controllers, climate controllers, or kitchen appliances), the second data being based at least in part on the estimated location. The second-signal transmission can be pushed to the second devices or pulled by the second devices. Operations of the second devices can be controlled at least in part on the second data.

No. of Pages: 52 No. of Claims: 23

(21) Application No.2157/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :16/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: VEHICLE ROOF STRUCTURE

(51) International classification	:B60J7/08	(71)Name of Applicant :
(31) Priority Document No	:2012- 167932	1)SUZUKI MOTOR CORPORATION Address of Applicant :300, Takatsuka-cho, Minami-ku,
(32) Priority Date	:30/07/2012	Hamamatsu-shi, Shizuoka-Ken, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)Yougo MITSUI
Filing Date	:NA	
(87) 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] An object of the present invention is to provide a vehicle roof structure capable of preventing turn of a roof side absorber about its axis in the vehicle front-rear direction. [Solution] A roof side absorber 10 is arranged between a roof side panel 20 and a side portion 30S of a roof lining 30. An opening trim 40 is fitted to an end portion of the roof side panel 20 on the upper side of a door opening. An upper contact portion 27 provided at an upper end portion of the roof side absorber 10 is in contact with the roof side panel 20. A lower contact portion 19 provided at a lower end portion of the roof side absorber 10 is in contact with the opening trim 40.

No. of Pages: 29 No. of Claims: 4

(22) Date of filing of Application :06/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: CLOG FREE GARDEN LEAF RAKE AND METHOD OF ASSEMBLING THE SAME

(51) International classification	:A01D7/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DIVYAPRASAD POKANCHERY NANDAKUMAR
(32) Priority Date	:NA	Address of Applicant :Pokanchery House, Tippusulthan road,
(33) Name of priority country	:NA	Triprayar, PO Valapad, Trichur - 680567, Kerala State, India
(86) International Application No	:NA	Kerala India
Filing Date	:NA	2)RIJIL NARAYANAN
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)DIVYAPRASAD POKANCHERY NANDAKUMAR
Filing Date	:NA	2)RIJIL NARAYANAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a clog free garden leaf rake and a method of assembling the same. It comprises of an elongated handle (7); a tine holder having a socket-tine holding half (1) and socket-top cap (2) which is joined together by means of fasteners (3, 4 and 5) and connectable to the handle; a plurality of flexible tines (10) extending from the tine holder opposite the handle which is evenly spaced-apart by means of plurality of tine guide strips (8,9). The said socket-tine holding half (1) and socket-top cap (2) are provided with positioning groves (1F,2F) matching with the outer cross sectional shape of the tines and said socket-tine holding half (1) is provided with locking pocket (1P) to hold one end (10A) of the tine having a bend. The other free working end (10B) is guided through the holes of the tine guide strips (8, 9) prior to bending and later it is provided with two bends where the first bend is in the same direction of the bend and the second bend is with reverse angle to make it clog free.

No. of Pages: 29 No. of Claims: 19

(21) Application No.2108/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :13/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: POWER-STEERING CONTROL SYSTEM

(51) International classification	:B62D	(71)Name of Applicant :
(31) Priority Document No	:2012- 115544	1)SUZUKI MOTOR CORPORATION Address of Applicant :300, Takatsuka-cho, Minami-ku,
(32) Priority Date	:21/05/2012	Hamamatsu-shi, Shizuoka-ken, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)Seiji TOCHIHARA
Filing Date	:NA	2)Makoto KOIWAI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
7		•

(57) Abstract:

In a power-steering control system installed in a vehicle, a state determiner determines whether an engine is in a state in which the engine is stopped. A steering-torque detector measures steering torque applied to a steering wheel by a driver of the vehicle. A controller holds the power steering motor in a ready state to generate the assist torque if it is determined that the engine is in the stop state and that the measured steering torque is equal to or higher than first threshold torque.

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

(22) Date of filing of Application :20/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: THREE WHEEL TRANSPORT VEHICLE

(31) Priority Document No (32) 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)B N Karkera Address of Applicant: National Institute of Technology, NH 66, Srinivas Nagar, Surathkal, Mangalore, Karnataka 575025, India Karnataka India (72)Name of Inventor: 1)B. N. Karkera 2)Akshay Vyankat Motade
Filing Date :	:NA :NA	3)Aswin Purushothaman K V 4)Gagan Deep K V
· /	:NA	4)Gagan Deep IX v

(57) Abstract:

The three wheel transport vehicle has steering ring which provides support to the driver to exert force to rotate the seat and thereby rotating the front wheel to change the direction of movement of the vehicle. The provided steering wheel is to rest the hand and it enables a 360 degree rotation. The steering wheel rotates by +/- 360 degree and also eliminates reverse gear or reverse drive of the vehicle. Also, steering ring loops around the driver and enable to turn 360 degrees with zero radii turning. The front wheel is steered along with driver and provides an extra dimension of steering comfort. The action/motion of driver determines the direction and movement of the vehicle. Also, driver views any direction by turning the seat of the vehicle. Further, driver seat is coupled to the front wheel through a hydraulic power coupling which causes the desired rotation of the vehicle.

No. of Pages: 18 No. of Claims: 4

(22) Date of filing of Application :20/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: SELECTION OF SANDBOX FOR INITIATING APPLICATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:12173949.4 :27/06/2012	
		2)ALTWAN benjamin
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Methods and devices selecting a sandbox for initiating an application are described. In one aspect a method includes: providing within a hybrid record access application, a selectable option to access an attachment associated with a record, the record being associated with one of a plurality of sandboxes, the hybrid record access application configured to access records associated with the plurality of sandboxes, the plurality of sandboxes configured to prevent data from moving between different sandboxes; and initiating within the sandbox associated with the record, an application to access the attachment when selection of the selectable option is received. Refer to Figure 6

No. of Pages: 39 No. of Claims: 16

(22) Date of filing of Application :08/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: A BIOREACTOR FOR TISSUE ENGINEERING

(51) International classification	·C12N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Indian Institute of Technology Madras
(32) Priority Date	:NA	Address of Applicant :Indian Institute of Technology Madras
(33) Name of priority country	:NA	(IIT Madras), IIT PO, Chennai - 600036 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Soma Guhathakurta
(87) International Publication No	: NA	2)Venkatesh Balasubramanian
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A bioreactor (100) for cell and/or tissue culture is disclosed. The bioreactor (100) comprises at least two chambers of predetermined configuration. Further the bioreactor (100) includes a plurality of monitoring device configured at predetermined position of said chambers to generate at least one feedback signal based on characteristics of the cells contained in said chambers. Furthermore, the bioreactor (100) includes a plurality of regulatable inlet and outlet ports (107) defined at predetermined position of chamber. In addition the bioreactor (100) is provided with an electromechanical drive mechanism (108) to impart magnetic field and shear stress to the cells contained in said chamber. Further a controller provided in the bioreactor (100) to record and control the functions of the bioreactor (100) based on the feedback signal generated by the monitoring device.

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

(22) Date of filing of Application :08/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : SYSTEM AND METHOD FOR REMOTELY INITIATING LOST MODE ON A COMPUTING DEVICE

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:13/488,438	1)APPLE INC.
(32) Priority Date	:04/06/2012	Address of Applicant :1 Infinite Loop, Cupertino, California,
(33) Name of priority country	:U.S.A.	95014, United States of America
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)RAGHU PAI
(87) International Publication No	: NA	2)KARTHIK NARAYANAN
(61) Patent of Addition to Application Number	:NA	3)MEGAN M. FROST
Filing Date	:NA	4)PATRICE OLIVIER GAUTIER
(62) Divisional to Application Number	:NA	5)USAMA MIKAEL HAJJ
Filing Date	:NA	

(57) Abstract:

Disclosed herein are systems, methods, and non-transitory computer-readable storage media for remotely initiating lost mode on a computing device. A request that lost mode be initiated can include a message and contact information provided by the requesting user. Once authenticated, a command to initiate lost mode is sent to the lost device. Initiating lost mode includes locking the lost device and suppressing select functionality. The message and contact information are displayed and the lost device is enabled to contact the requesting user using the contact information. The lost device can also collect and transmit location data to the requesting user. The location data can be presented on a map indicating the lost devices location and the time the lost device was at the location. The location data can be scheduled to be resent to the user based on numerous factors such as a set schedule, rules or heuristic.

No. of Pages: 48 No. of Claims: 20

(21) Application No.2173/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :16/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: METHODS OF MILLING CARBIDE AND APPLICATIONS THEREOF

(51) International classification	:C09K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)KENNAMETAL INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :8/9th Mile, Tumkur Road, Bangalore
(33) Name of priority country	:NA	560073, Karnataka, India. Meghalaya India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Raghavan Rengarajan
(87) International Publication No	: NA	2)Gopalrao Sivaraman
(61) Patent of Addition to Application Number	:NA	3)Ramesh Sathyanarayan Rao
Filing Date	:NA	4)Alam Rukhsar
(62) Divisional to Application Number	:NA	5)Jagannath Vaishali
Filing Date	:NA	

(57) Abstract:

In one aspect, methods of milling carbide are described herein. A method of milling carbide comprises placing a particulate composition comprising carbide in a vessel containing milling media and placing an additive in the vessel, the additive undergoing evaporation or sublimation to provide a non-oxidative atmosphere in the vessel. The carbide particles are comminuted with the milling media in the non-oxidative atmosphere.

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

(22) Date of filing of Application :21/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: FLUID CONTROL SYSTEM FOR WORK 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 	:13/487,622 :04/06/2012	(71)Name of Applicant: 1)CNH America LLC Address of Applicant: 500 Diller Ave., P.O. Box 1895, M.S. 641, New Holland, Pennsylvania 17557, United States of America (72)Name of Inventor: 1)Matthew J. Hennemann 2)Richard J. Lech
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(57) Abstract:

A fluid control system including a variable displacement pump having a load system control and configured to operate in an open center mode. A pump control is operable between a first arrangement and a second arrangement. The pump control receives pressurized fluid from a first load sensor pressure in fluid communication with the pump and an actuator return pressure in fluid communication with an actuator configured to operate using pressurized fluid from the system, the pump control providing a selective pump control pressure to the pump load system control. When the system is operating in a standby mode, the pump operates in a first minimized displacement condition. When the system is in a stall mode, the pump operates in a second minimized displacement condition.

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

(22) Date of filing of Application :02/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: ANTI-AGING COMPOSITION AND USES THEREOF

(51) International classification :A61K8/(31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA Filing Date :NA	(71)Name of Applicant: 1)ITC LIMITED Address of Applicant: Corporate R&D ITC R&D Centre Peenya Industrial Area, 1st Phase, Bangalore 560 058, Karnataka India (72)Name of Inventor: 1)KUMARI, Deva 2)JOIS, Prashanth 3)BOMMEGOWDA, Vijendra Kumar Kanaganamaradi 4)DIXIT, Ajay Kumar 5)CHANDRASEKHARAN, Lakshmanan Chittur 6)BANDYOPADHYAY, Balaji
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(57) Abstract:

The present invention relates to a composition for reducing and preventing signs of skin aging comprising a combination of natural and synthetic actives. In particular, the present invention relates to a cosmetic composition comprising oleanolic acid, L-histidine, and L-carnosine as active ingredients for boosting collagen, elastin and involucrin synthesis.

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

(21) Application No.2095/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :10/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: ENHANCED COMPRESSOR TYPE 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 	:A61M15/00 :NA :NA :NA :NA :NA : NA : NA	(71)Name of Applicant: 1)T.Karthik Address of Applicant: Old no. 39, New no. 64, Sri Murugan Nagar, Peelamedu, Coimbatore - 641004, Tamilnadu, India. 2)M.R.Vignnesh Babu (72)Name of Inventor: 1)T.Karthik 2)M.R.Vignnesh Babu
(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	2)M.R.Vignnesh Babu

(57) Abstract:

A nebulizer for delivering an aerosol form of medication to a patient is provided. The nebulizer includes a control unit, a pressure sensor, and, a communication unit. The control unit that controls a nebulization process includes a memory, and, a counter unit. The memory stores a preset timer value and a preset count value of the aerosol delivery of medication. The counter unit calculates one or more counts corresponding to the aerosol delivery of medication given to the patient. A pressure sensor detects a pressure level of a compressor during the aerosol delivery of medication. The communication unit transmits an alert message to a paramedic or a guardian when a detected pressure level of the compressor is not equal to a threshold pressure level. The communication unit further transmits an alert message to the paramedic or the guardian when a calculated count value exceeds a preset count value.

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

(21) Application No.2156/CHE/2013 A

(19) INDIA

(22) Date of filing of Application: 15/05/2013

(43) Publication Date: 06/02/2015

(54) Title of the invention: MODE SWITCHING METHOD AND DEVICE

(57) Abstract:

The present invention discloses a mode switching method and device, relating to the field of terminal technologies and solving the problem that when a terminal is switched to an offline mode, the terminal is in a power-off state relative to a network, so in addition to that calls and short messages in a CS domain service cannot be received, network data services in a PS domain service cannot be used as well. The technical solution of the present invention includes: receiving a first switching instruction for switching a working mode of a terminal to target mode; switching the working mode of the terminal to the target mode according to the first switching instruction, where the target mode indicates that a circuit switch CS domain service is in a disconnected state, and a packet switch PS domain service is in a connected state. Embodiments of the present invention are mainly applied in a mode switching process.

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

(22) Date of filing of Application :08/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: GENERATING, ASSIGNING, AND EVALUATING DIFFERENT VERSIONS OF A TEST

(51) International classification	·G06F11/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Apollo Group, Inc.
(32) Priority Date	:NA	Address of Applicant :4025 S Riverpoint Pkwy, Phoenix, AZ
(33) Name of priority country	:NA	85040, United States U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Jayakumar MUTHUKUMARASAMY
(87) International Publication No	: NA	2)Venkata KOLLA
(61) Patent of Addition to Application Number	:NA	3)Pavan Aripirala VENKATA
Filing Date	:NA	4)Sumit KEJRIWAL
(62) Divisional to Application Number	:NA	5)Narender VATTIKONDA
Filing Date	:NA	

(57) Abstract:

Method(s), stored instruction(s), and computing device(s) are provided for automatically generating different subsets of questions and/or automatically assigning the different subsets of questions to different test participants. The computing device(s) store information that includes test questions, test version generation criteria, and test version assignment criteria. The computing device(s) automatically determine, using the test version generation criteria, subsets of test questions that differ from each other by at least one question. The computing device(s) automatically assign, using the test version assignment criteria, subsets of test questions, which differ from each other by at least one question, to different test participants. The computing device(s) then cause administration of at least one of the different versions to at least one of the different test participants.

No. of Pages: 41 No. of Claims: 22

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : A METHOD AND A SYSTEM FOR DETECTION OF HAZARDOUS CHEMICALS IN A NON METALLIC CONTAINER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA :NA :NA : NA :NA	(71)Name of Applicant: 1)INDIAN INSTITUTE OF SCIENCE Address of Applicant: C.V.RAMAN AVENUE,BANGALORE-560012, KARNATAKA, INDIA (72)Name of Inventor: 1)Prof. Siva Umapathy 2)Ms.Sanchita Sil 3)Dr.John Kiran A
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention provides a method for detection of hazardous chemicals in a non-metallic container. The method comprises of irradiating the sample at a predefined location with an electromagnetic radiation of specific wavelength; selectively capturing a certain component of the scattered electromagnetic radiation to obtain a plurality of profiles; and filtering the profiles to obtain a signature specific to at least one hazardous chemical present in the container. The invention provides a system for obtaining a signature specific to the hazardous chemicals in the container.

No. of Pages: 21 No. of Claims: 14

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: A METHOD AND AN APPARATUS FOR OBTAINING SAMPLE SPECIFIC SIGNATURES

 (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: C.V.RAMAN AVENUE,BANGALORE-560012, KARNATAKA, INDIA
 (86) International 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 :NA :NA :NA	(72)Name of Inventor: 1)Prof. Siva Umapathy 2)Ms.Sanchita Sil 3)Dr.John Kiran A

(57) Abstract:

The invention provides a method for obtaining sample specific signatures. The method comprises of irradiating the sample at a predefined location with an electromagnetic radiation of specific wavelength; selectively capturing a certain component of the scattered electromagnetic radiation to obtain a plurality of profiles; and filtering the profiles to obtain a sample specific signature. The invention provides an apparatus for obtaining sample specific signatures.

No. of Pages: 21 No. of Claims: 14

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: METHOD, SYSTEM AND APPARATUS FOR GROWING AND EXTRACTING PLANT AND/OR PLANT PARTS FOR ENHANCED BENEFITS

(51) International classification (31) Priority Document No	:A61K36/00 :NA	(71)Name of Applicant : 1)Anuradha Maniyam
(32) Priority Date	:NA	Address of Applicant :# 2365, 1st Floor, 19th Cross
(33) Name of priority country	:NA	Banashankari 2nd Stage, Bangalore 560070, Karnataka, India
(86) International Application No	:NA	2)Subbanarashimhan Balasubramanya
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Anuradha Maniyam
(61) Patent of Addition to Application Number	:NA	2)Subbanarashimhan Balasubramanya
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In one aspect of present invention, the formulated solution is administered to a first plant having first targeted utility component, and the formulated solution comprising a second targeted utility component. The first and the second utility components are extracted from the first plant. A target utility product is prepared using the first and the second utility component extracted from the first plant. In one embodiment, the plant is not harvested and the formulated solution is administered by spraying frequently on the plant. In another aspect of the present invention, a first compound comprised in a first plant and a second compound comprised in the first plant, and the first plant is administered with a formulated solution comprising the second compound, and also the first compound and second compound is extracted from the first plant in one extraction process. In one embodiment, the first compound provides first medical utility and a second compound provides a second medical utility.

No. of Pages: 59 No. of Claims: 9

(21) Application No.2372/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :30/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : SAR ADC

(51) International classification	:H03M1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)M. Shankaranarayana Bhat
(32) Priority Date	:NA	Address of Applicant:16-75/15, SUPRABHATA,
(33) Name of priority country	:NA	Sadashivashetty Nagar, PO. Srinivasanagar - 575025, Surathkal,
(86) International Application No	:NA	D.K. Karnataka, India.
Filing Date	:NA	2)Jagadish D. N.
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)M. Shankaranarayana Bhat
Filing Date	:NA	2)Jagadish D. N.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

According to an aspect of the present invention, Passive charge sharing is done between two equal parallel connected capacitors to generate voltage reference potentials for binary search. To save power the same charge is reused until next cycle of conversion begins. In addition to above mentioned purpose, the capacitors with stored charges are reconnected accordingly in series with sampled input analog voltage, so as to get the net voltage to march towards finding LSBs. According to another aspect, proposed charge sharing SAR ADC potentially offers low power, lower chip area and supply voltage scalable. The ADC has only N+1 number of minimum size capacitors apart from sample and hold capacitor. Due to uniform structure in the capacitor array the mismatches are relaxed. The ADC carries out the binary search algorithm as equivalent to conventional SAR ADCs with no extra clock requirement in terms of time.

No. of Pages: 15 No. of Claims: 1

(22) Date of filing of Application :24/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: A METHOD FOR OPTIMIZING POWER CONSUMPTION IN A COMMUNICATION DEVICE

(51) International classification (31) Priority Document No	:H04W52/02 :NA	(71)Name of Applicant: 1)Samsung India Software Operations Pvt Ltd
(32) Priority Date	:NA	Address of Applicant :SISO, 1st Floor, Tridib Building,
(33) Name of priority country	:NA	Bagmane Tech Park, C V RamanNagar, Byrasandra, Bangalore
(86) International Application No	:NA	560093,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)Gudi Venkata Ramana
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method to optimize the power consumption in a communication device especially in low coverage area or threshold of coverage area is disclosed. A modem in the communication device control sending the service indication to the application processor especially when the communication device is in low coverage area and toggling between "In ServiceTM and "Out of ServiceTM. After receiving the signal the modem determines whether the received signal strength is less than the threshold and controls the sending of a service indication to the application processor. This will allow applications running in the application processor to move to sleep mode and finally application processor will move to power collapse mode thereby reducing the power consumption in the communication device by avoiding radio connection establishment in threshold or low coverage area.

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

(21) Application No.2320/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :28/05/2013 (43) Publication Date: 06/02/2015

(54) Title of the invention: VEHICLE CONTROL SYSTEM

(51) International classification	:H02J	(71)Name of Applicant :
(31) Priority Document No	:2012- 130088	1)SUZUKI MOTOR CORPORATION Address of Applicant :300, Takatsuka-cho, Minami-ku,
(32) Priority Date		Hamamatsu-shi, Shizuoka-Ken , Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)Hidenori SUZUKI
Filing Date	:NA	2)Seiji BITO
(87) 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 control system for an electric vehicle equipped with a driving electric motor which is actuated by electric power, as supplied from a vehicle-driving battery, to drive a wheel of an electric vehicle, a power generating motor which is actuated by an engine to provide electric power to the vehicle-driving battery, and an air conditioner which works to regulate temperature in a cabin of the electric vehicle. The control system controls the engine so as to keep an output therefrom constant in response to an air condition request. The control system also keeps the output from the engine constant to actuate the power generating motor for charging the vehicle-driving battery when an amount of charge in the vehicle-driving battery is determined to be lower than or equal to a given threshold value, and the electric vehicle is determined to be at a stop.

No. of Pages: 62 No. of Claims: 6

(22) Date of filing of Application :30/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: POWER GENERATION FROM DYNAMIC TRAIN WHEEL

(51) International classification	:H01L41/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Kuldeep Singh Purohit
(32) Priority Date	:NA	Address of Applicant :#3/1, 4th temple road, 13th cross,
(33) Name of priority country	:NA	Malleswaram, Bangalore-560003 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Kuldeep Singh Purohit
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a new design, system and method of power generation from the wheels of a train in motion. The new design of the wheel is constructed using a modified structure of the wheel, metal pistons and cylindrical piezoelectric crystals in cylindrical cabinets along the face of the wheel in contact with the rail track. Piezoelectricity is produced when the piston is pushed inwards due to weight of the car and in turn pushing the piezoelectric crystal and producing piezoelectricity.

No. of Pages: 17 No. of Claims: 9

(22) Date of filing of Application :30/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : SPINACH & MILK CONTAIN COUPLED MEDICAL FACTORS OF CASTLE TO DRIVE CIRCULAR REACTIONS FOR CURING DIABETIC OBESITY

 (51) International classification (31) Priority Document No (32) 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 :NA	(71)Name of Applicant: 1)Dr,D.S.Sarma Address of Applicant: H.NO.10-334, Vasnthapuri Colony, Malkajgiri, Hyderabad, Andhara Pradesh-500 047. Andhra Pradesh India (72)Name of Inventor: 1)Dr,D.S.Sarma
Filing Date (62) Divisional to Application Number	:NA :NA :NA	
Filing Date	:NA :NA	

(57) Abstract:

There are two types of vitamins classified as: (1) fat soluble (ex. A, D, E, K) & (2) water soluble, (ex. B, C), responsible for the AMPHIBOLIC events of citric acid cycle (Catabolic & Anabolic reactions). This cycle is an off-spring of CORITMs cycle of muscular exercise. Vitamin D is not available in vegetables. Hence strict vegetarians have to depend on milk of animal origin or milk products like curd, to overcome the deficiency of Vitamin D (naturally synthesized by the skin from sunlight). Milk can act as a whole food not only for infants, but also for elderly and old people irrespective of their gender. The bio process of this article can extend the life span, as the extrinsic factor (B-12 of spinach) is coupled to the intestinal intrinsic factor (1) to cure sickle cell anaemia, (2) to increase glycosylated haemoglobin level of blood, thereby reducing blood glucose. Having thus established the physiological features of blood glucose control system, let us now look at the engineering aspects of the system dynamics. According to Newton for every action, there is an equal and opposite reaction, which keep the physical/physiological object/subject in steady state or equilibrium. Action and reaction respectively act along the forward and feedback paths. This control feature can be further explained by MasonTMs gain formula of signal flow diagrams.

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

(22) Date of filing of Application :15/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : METHODS AND APPARATUS FOR TUNING CIRCUIT COMPONENTS OF A 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 Number Filing Date (62) Divisional to Application Number Filing Date 	:H03J1/00 :13/486,914 :01/06/2012 :U.S.A. :NA :NA :NA :NA :NA :NA	Address of Applicant '/95 Phillip Street Waterloo Unitario
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(57) Abstract:

A system that incorporates teachings of the subject disclosure may include, for example, a method for detecting a plurality of use cases of a communication device, determining an initial tuning state for each of a plurality of tuning algorithms according to the plurality of use cases, configuring each of the plurality of tuning algorithms according to their respective initial tuning state, executing a first tuning algorithm of the plurality of tuning algorithms according to an order of execution of the plurality of tuning algorithms, detecting a stability condition of the first tuning algorithm, and executing a second tuning algorithm of the plurality of tuning algorithms responsive to the detected stability condition of the first tuning algorithm. Each tuning algorithms can control one of a tunable reactive element, a control interface, or both of one of a plurality of circuit components of a radio frequency circuit. Other embodiments are disclosed.

No. of Pages: 61 No. of Claims: 35

(21) Application No.2304/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: LIGHT FIELD IMAGING

(51) 7	TT01T 05 /1 46	(71)
(51) International classification	:H01L27/146	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NOKIA CORPORATION
(32) Priority Date	:NA	Address of Applicant :Keilalahdentie 4, FIN-02150 Espoo,
(33) Name of priority country	:NA	Finland
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Basavaraja S V
(87) International Publication No	: NA	2)Mithun Uliyar
(61) Patent of Addition to Application Number	:NA	3)Gururaj Gopal Putraya
Filing Date	:NA	4)Martin Schrader
(62) Divisional to Application Number	:NA	5)Rajeswari Kannan
Filing Date	:NA	

(57) Abstract:

An apparatus, electronic device, system and methods for light field imaging. The apparatus comprises a first lens; a relay lens package comprising at least a second lens configured to form an intermediate image plane; an array of convex lenslets positioned optically between the first lens and the relay lens package; wherein each lenslet of the array of lenslets is configured to form on the intermediate image plane a real image of any object in the field of view of the first lens.

No. of Pages: 26 No. of Claims: 19

(22) Date of filing of Application :29/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR MATCHING THE AGRICULTURAL PRODUCTS AND PRODUCE REQUISITES

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G06Q30/00 :NA :NA :NA	(71)Name of Applicant: 1)SAI KRISHNA DANDAMUDI Address of Applicant: H. No 4-155, Movva Road, Kuchipudi, Movva Mandal, Krishna District, Andhra Pradesh-521136, India.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SAI KRISHNA DANDAMUDI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method for matching the agricultural products and produce requisites is disclosed. The method includes enabling a plurality of sellers to post a plurality of selling advertisements corresponding to at least one agricultural product and produce category over a plurality of geographical locations. The plurality of sellers are provided with a selling authorization code to post, edit, delete the plurality of selling advertisements. The method further includes enabling a plurality of buyers to post a plurality of buying advertisements corresponding to at least one agricultural product and produce category over a plurality of geographical locations. The plurality of buyers are provided with a buying authorization code to post, edit, delete the plurality of buying advertisements. The method further enables plurality of buyers and sellers to view the advertisements based on selecting at least one agricultural product and produce category or the plurality of geographical locations or both.

No. of Pages: 102 No. of Claims: 89

(22) Date of filing of Application :13/09/2011 (43) Publication Date : 06/02/2015

(54) Title of the invention: VINYL ACETATE BASED ALKALINE RESISTANT SCRIM BINDER

(51) International classification	:C04B	(71)Name of Applicant :
(31) Priority Document No	:10 176	1)CELANESE EMULSIONS GMBH
(32) Priority Date	859.6 ·15/09/2010	Address of Applicant :AM UNISYS-PARK 1, 65843 SULZBACH (TAUNUS) Germany
(33) Name of priority country	:EPO	(72)Name of Inventor:
(86) International Application No	:NA	1)MCLENNAN, ALISTAIR
Filing Date	:NA	2)BAVAJ, PAOLO
(87) International Publication No	: NA	3)VAN STRAETEN, RIAN
(61) Patent of Addition to Application Number	:NA	4)LABORDA, STEVE
Filing Date	:NA	5)ZEIMENTZ, PETER M.
(62) Divisional to Application Number	:NA	6)VAN BOXTEL, HENDRIKUS C.M.
Filing Date	:NA	

(57) Abstract:

Disclosed is an aqueous formulation comprising a polymer which is based on a vinyl acetate copolymer, a binder system comprising said aqueous formulation and additionally an aqueous formulation comprising polymer (B). The invention further relates to a fibrous product comprising a fibrous substrate as well as the aqueous formulation or the binder system and use of the aqueous formulation or the binder system for coating synthetic or mineral fibres, for the manufacturing of Eternal Insulation Finishing Systems (EIFS), for increasing the alkali resistance of synthetic or mineral fibres and use in a process for the manufacturing of an alkali resistant glass fibre scrim. Further, the invention relates to a method for the manufacturing of the aqueous formulation.

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

(21) Application No.2175/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :16/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: BI-DIRECTIONAL POWER TAKE-OFF SYSTEM

(51) International classification	:B60K17/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)TRACTORS AND FARM EQUIPMENT LIMITED
(32) Priority Date	:NA	Address of Applicant :35, Nungambakkam High Road,
(33) Name of priority country	:NA	Nungambakkam, Chennai Tamil- Nadu 600034 Daman & Diu
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)VERMA, Rakesh Bahadur
(61) Patent of Addition to Application Number	:NA	2)YEGATEELA, Subbaiah
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system (100) for bi-directional power take-off (PTO) in a tractor is described. In an embodiment, the system (100) includes a driver gear (120), an idler gear (402) in constant mesh with the driver gear (120), a cluster gear (128) in constant mesh with the idler gear (402), and a driven gear (124) in constant mesh with the cluster gear (128). Furthermore, the system (100) includes a fixed sleeve (126) coupled to a shift sleeve (122), where the shift sleeve (122) is coupleable to the driver gear (120) and to the driven gear (124) through a shifting assembly (300) to provide a forward drive, a reverse drive, and a neutral drive to the PTO output shaft (116). Further, the shifting assembly (300) includes a fork (308) mounted on a rail (302) and coupled with the shift sleeve (122), a selector arm (310) coupled to the rail (302).

No. of Pages: 25 No. of Claims: 7

(22) Date of filing of Application :31/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: SYSTEM AND METHOD FOR LOCATING A MOBILE SUBSCRIBER TERMINAL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:13/493,923 :11/06/2012 :U.S.A. :NA	(71)Name of Applicant: 1)ZUMIGO, INC. Address of Applicant:1187 Starling Ridge Ct. San Jose, California 95120 (US). U.S.A. (72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)Chirag C. Bakshi
(61) Patent of Addition to Application Number	:NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

The location of a mobile subscriber may be used to authorize a transaction initiated by the mobile subscriber or to authenticate the mobile subscriber when accessing secure accounts. The location of the mobile subscriber is determined by providing a unique mobile subscriber identifier, such as the MSISDN, to an application that communicates with the home network and the roaming network. By communicating with the roaming network, the application can determine the current location of the roaming mobile subscriber terminal with location resolution down to the specific cell in which the mobile subscriber terminal is located. The location of the mobile subscriber terminal may be saved locally in a database associated with an authorization entity, thereby advantageously reducing the number of location look-ups requested by the authorization entity.

No. of Pages: 40 No. of Claims: 10

(22) Date of filing of Application :31/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: SYSTEM AND METHOD FOR LOCATING A MOBILE SUBSCRIBER TERMINAL

(51) International classification (31) Priority Document No	:H04W4/00 :13/493,923	(71)Name of Applicant : 1)ZUMIGO, INC.
(32) Priority Date	:11/06/2012	
(33) Name of priority country	:U.S.A.	California 95120 (US). U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Chirag C. Bakshi
(87) 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 location of a mobile subscriber may be used to authorize a transaction initiated by the mobile subscriber or to authenticate the mobile subscriber when accessing secure accounts. The location of the mobile subscriber is determined by providing a unique mobile subscriber identifier, such as the MSISDN, to an application that communicates with the home network and the roaming network. By communicating with the roaming network, the application can determine the current location of the roaming mobile subscriber terminal with location resolution down to the specific cell in which the mobile subscriber terminal is located. The location of the mobile subscriber terminal may be saved locally in a database associated with an authorization entity, thereby advantageously reducing the number of location look-ups requested by the authorization entity.

No. of Pages: 40 No. of Claims: 10

(22) Date of filing of Application :29/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: CO - MICRONIZED RIVAROXABAN PHARMACEUTICAL COMPOSITION

(51) International classification	:A61K31/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AIZANT DRUG RESEARCH SOLUTIONS PRIVATE
(32) Priority Date	:NA	LIMITED
(33) Name of priority country	:NA	Address of Applicant :SY NO. 172 & 173, APPAREL PARK
(86) International Application No	:NA	ROAD, DILAPALLY VILLAGE, QUTHBULLAPUR
Filing Date	:NA	MANDAL, HYDERABAD - 500 014. Andhra Pradesh India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)ASHOK CHANDRA ILLAPAKURTHY
Filing Date	:NA	2)SRIKANTA PATRA
(62) Divisional to Application Number	:NA	3)VARMA S. RUDRARAJU
Filing Date	:NA	

(57) Abstract:

The present invention relates to a pharmaceutical composition comprising rivaroxaban or a pharmaceutically acceptable salt thereof, and a surfactant; wherein the rivaroxaban is co-micronized with the surfactant. The rivaroxaban and surfactant is present in a molar ratio from about 0.1:1 to 1:0.1. The co-micronized rivaroxaban and surfactant mixture has a mean particle size less than 30um. The invention also relates to the methods of preparation of the composition and method of administration.

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

(22) Date of filing of Application :01/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: AUTOMATIC USER-BASED CONFIGURATION OF OPERATING SYSTEM SHELL

(51) International classification	·G06F9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Wyse Technology L.L.C.
(32) Priority Date	:NA	Address of Applicant :3471 North First St, San Jose, CA
(33) Name of priority country	:NA	95134-1801, U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Shailesh Jain
(87) International Publication No	: NA	2)Shashidhar Banavasi Sadanand
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In one embodiment, a method performed by a computing device includes receiving one or more command-line options; determining a user associated with the computing device; accessing, based on the command-line options and the user, configuration file for configuration settings for one or more user interfaces with the operating system shell hosted by the computing device; and creating the user interfaces within the operating system shell based on the configuration settings.

No. of Pages: 52 No. of Claims: 20

(19) INDIA

(43) Publication Date : 06/02/2015

(21) Application No.2022/CHE/2013 A

(22) Date of filing of Application :06/05/2013

(54) Title of the invention : BICYCLE FRAME

(57) Abstract:

A bicycle frame (10) comprising a front triangle (200) and a rear triangle (300). The front triangle (200) comprises, in turn, the following tubular elements: a seat tube (11); a top tube (12); a down tube (13); and a steering tube (14). Whereas the rear triangle (300) comprises, in turn, the following tubular elements: - two inclined seat stays (15) and two horizontal chain stays (16). The frame (10) is characterised in that the elements (11, 12, 13, 14) comprised in the front triangle (200) are manufactured as one single piece, and in that the two chain stays (16) are joined to said front triangle (200) by means of a bushing (BSH), which is inserted into a seat (ST), which is obtained in correspondence to a bottom bracket axle (KN2).

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

(22) Date of filing of Application :29/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: A DUCT ASSEMBLY OF A PROTECTION DEVICE

(51) International classification	:G08G1	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ABB TECHNOLOGY LTD.
(32) Priority Date	:NA	Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050
(33) Name of priority country	:NA	ZURICH Switzerland
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)HRISHIKESH S BRAMHAPURIKAR
(87) International Publication No	: NA	2)S CHIPLUNKAR
(61) Patent of Addition to Application Number	:NA	3)SHAMSUNDAR S BAHEKAR
Filing Date	:NA	4)SHAMSUNDAR R AHIRE
(62) Divisional to Application Number	:NA	5)V RAMESH
Filing Date	:NA	6)VISHAL SATHE

(57) Abstract:

The present invention provides a duct assembly for a protection device with improved construction. In a preferred embodiment, reinforcement structures are attached between the support structure and horizontal structure of the duct assembly.

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

(22) Date of filing of Application :29/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: PHARMACEUTICAL COMPOSITION OF FINGOLIMOD

		(71)Name of Applicant :
(51) International classification	:A61K31/00	1)AIZANT DRUG RESEARCH SOLUTIONS PRIVATE
(31) Priority Document No	:NA	LIMITED
(32) Priority Date	:NA	Address of Applicant :SY NO. 172 & 173, APPAREL PARK
(33) Name of priority country	:NA	ROAD, DILAPALLY VILLAGE, QUTHBULLAPUR
(86) International Application No	:NA	MANDAL, HYDERABAD - 500 014 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)PAVAN KUMAR ALLURI
(61) Patent of Addition to Application Number	:NA	2)SUBHASH CHANDRA BOSE MYLAMALA
Filing Date	:NA	3)NAGARAJU DONTIKA
(62) Divisional to Application Number	:NA	4)MASTANAIAH THUMMISETTY
Filing Date	:NA	5)RAGHUPATHI KANDARAPU
		6)VARMA S. RUDRARAJU

(57) Abstract:

The present invention relates to a pharmaceutical composition comprising fingolimod, a pharmaceutically acceptable salt thereof or a phosphate derivative and a zwitterion as a stabilizer. The zwitterion can be present from about 5% to about 95% by weight of the total composition. The invention also relates to the methods of preparation of the composition and method of administration.

No. of Pages: 20 No. of Claims: 9

(22) Date of filing of Application :29/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: PHARMACEUTICAL COMPOSITION OF RIVAROXABAN

(51) International classification	:A61K9/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)AIZANT DRUG RESEARCH SOLUTIONS PRIVATE
(32) Priority Date	:NA	LIMITED
(33) Name of priority country	:NA	Address of Applicant :SY NO. 172 & 173, APPAREL PARK
(86) International Application No	:NA	ROAD, DULAPALLY VILLAGE, QUTHBULLAPUR
Filing Date	:NA	MANDAL, HYDERABAD - 500014 Andhra Pradesh India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)ASHOK CHANDRA ILLAPAKURTHY
Filing Date	:NA	2)SRIKANTA PATRA
(62) Divisional to Application Number	:NA	3)VARMA S. RUDRARAJU
Filing Date	:NA	

(57) Abstract:

The present invention relates to a pharmaceutical composition comprising rivaroxaban or a pharmaceutically acceptable salt thereof, wherein the disintegrant is present in an amount of from about 5% to about 90% by weight of the total weight of the composition, preferably from about 10% to about 85% by weight of the total weight of the composition. The invention also relates to the methods of preparation of the composition and method of administration.

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

(22) Date of filing of Application :31/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: AN ELECTRICITY THEFT DETERRENT SYSTEM AND A METHOD THEREOF

(51) International classification	:G01D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Alfred Manohar
(32) Priority Date	:NA	Address of Applicant : Ashraya , No. 1382, 9th Main, 8th
(33) Name of priority country	:NA	Cross, Srinivas Nagar, 80 Ft. Road, Banashankari I Stage,
(86) International Application No	:NA	Bangalore 560050, Karnataka, India.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Alfred Manohar
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present disclosure relates to a Theft Deterrent System (TDS) to make the consumers deterrent from the electricity theft. The TDS is a combination of Random Noise Generator (RNG) and High Noise Filter (HNF) to protect from electricity theft. The TDS introduces electrical noise and disturbances in to the LV network using the RNG device. All the authorised and registered customers are provided and configured with HNF device integrated with the meters. The authorised customers using the HNF and electricity through the meters configured or integrated with the HNF device will receive filtered electricity without any electrical noise or disturbance whereas the consumers performing electricity theft by bypassing the meter or without an electrical meter cannot make use of the electricity, as the usage of such electricity damages electrical appliance of the consumer^{TMS} premise because of the introduced electrical noise.

No. of Pages: 46 No. of Claims: 17

(22) Date of filing of Application :03/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: VIRTUAL DESKTOP ACCELERATOR SUPPORT FOR NETWORK GATEWAY

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:H04L29/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)Wyse Technology L.L.C. Address of Applicant: 3471 North First St, San Jose, CA 95134-1801, USA U.S.A. (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	:NA : NA :NA :NA :NA :NA	1)Santhosh Krishnamurthy 2)Khader Basha P R 3)Raghunandan Hanumantharayappa

(57) Abstract:

In particular embodiments, a method includes intercepting a remote desktop connection request and connecting to a network gateway based on the remote desktop connection request. A first connection with a server is initiated via the network gateway using a first communication protocol. A plurality of cryptographic contexts are exchanged with the server. A token encrypted using one of the plurality of cryptographic contexts is received from the server. The token is sent from a client device to the server or a proxy to authenticate the client device, and a second connection is initiated with the server, via the proxy, using a second communication protocol.

No. of Pages: 64 No. of Claims: 20

(21) Application No.2104/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :10/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: EFFICIENT AND OPTIMAL LINKAGE OF FLUID FLOW DUCTS USING BEZIER CURVES

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:NA :NA	(71)Name of Applicant: 1)Indian Institute of Technology Madras Address of Applicant: Indian Institute of Technology Madras (IIT Madras), IIT PO, Chennai - 600036 Tamil Nadu India
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor : 1)Dr. Sreenivas Jayanti
(87) International Publication No(61) Patent of Addition to Application NumberFiling Date	: NA :NA :NA	2)K. Srinivasan
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A bend or an elbow (100) for changing flow direction of a fluid in a co-planar or a non-co-planar duct and to minimize pressure losses in said fluid flow is disclosed. The bend/elbow comprises a uniform cross-sectional area determined by a Bzier curve. Further the Bzier curve is selected by moving at least one control point along a median line defined in a triangle ABC obtained by connecting straight lines between central points of the two duct (AC) and a point (B) at which the central axes of the two ducts meet.

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

(21) Application No.3385/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :29/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: PROCESS FOR OBTAINING ESTER

(51) International classification :C10L (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant: 1)SCMS, Institute of Bioscience and Biotechnology Research and Development Address of Applicant: SIBBR & D, Management House, South Kalamassery, Cochin 682033 Kerala India (72)Name of Inventor: 1)Chinnamma Mohankumar 2)Chandrasekharan Balachandran 3)Salini Bhasker 4)Harish Madhav 5)Anisha Shashidharan 6)Rajesh Mankulathil Devassy
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(57) Abstract:

The present disclosure relates to a process for obtaining ester and optionally glycerol from coconut. The present disclosure also relates to the ester obtained and its use as a biofuel as an alternative for diesel.

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

(21) Application No.3460/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :31/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: A DOUBLE ENDED HEMMING ROLLER

(51) International classification	:B21D	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Ford Global Technologies, LLC
(32) Priority Date	:NA	Address of Applicant :Suite 800, 330 Town Center Drive,
(33) Name of priority country	:NA	Dearborn Michigan 48126, United States of America
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Vellaiyappan Neelakandan
(87) International Publication No	: NA	2)Sudhakaran Thulukkanam
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A hemming roller 22 for a hemming apparatus 10 is disclosed having two frusto-conical hemming surfaces 20 and 21 so as to allow the hemming roller 22 to be reversibly mounted on a spindle shaft 14 of the hemming apparatus 10 to allow both of the hemming surfaces 20 and 21 to be used for hemming.

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

(22) Date of filing of Application :01/08/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: REMOVAL OF HEXAVALENT CHROMIUM FROM CONTAMINATED WATER USING ZNO-AL2O3 NANOPARTICLES COMPOSITE IMMOBILIZED IN SODIUM ALGINATE

(51) International classification :G01N21/0 (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA Filing Date :NA	(71)Name of Applicant: 1)DR. AMITAVA MUKHERJEE Address of Applicant: SENIOR PROFESSOR AND ASSISTANT DIRECTOR CENTRE FOR NANOBIOTECHNOLOGY VIT UNIVERSITY, VELLORE - 632 014 Tamil Nadu India 2)DR. N. CHANDRASEKARAN 3)JASTIN SAMUEL R (72)Name of Inventor: 1)DR. N. CHADRASEKARAN 2)DR. AMITAVA MUKERJEE 3)JASTIN SAMUEL R
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(57) Abstract:

An objective of the present invention is to provide the following: development of an efficient sorbent by immobilizing ZnO - AI2O3 nanoparticles composite in sodium alginate to remove hexavalent chromium from contaminated environmental water matrices. To obtain the above application, the present inventors have carried out experiments meticulously and found that the immobilized ZnO - AI2O3 nanoparticles composite removed Cr(VI) at a higher adsorption capacity of 452.37 mg/g compared to the ZnO - AI2O3 nanoparticles composite suspension (376.98 mg/g). Moreover, the present invention also provides a method for preparing ZnO - AI2O3 nanoparticles composite (80 mg/L + 20 mg/L) and immobilizing in 5% w/v sodium alginate. The present invention makes it possible to obtain an efficient sorbent to remove Cr(VI) at an adsorption capacity of 420.27, 425.54, 397.3, and 380.21 mg/g from environmental water matrices i.e. ground water matrix (EM 1), ground water matrix (EM 2), lake water matrix (EM 3), and waste water matrix (EM 4) respectively. The present invention is efficient and this makes it possible to be used for Cr(VI) removal from contaminated water sites.

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

(22) Date of filing of Application :24/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: MOBILE BOOK KEEPING SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)K. Phani Kumar Raju Address of Applicant: D. No. 50-25-12, Narasimha Nilayam, Flat 501, Seethammadhara, Vishakapatnam Andhra Pradesh India (72)Name of Inventor: 1)K. Phani Kumar Raju
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Mobile book keeping system different modules comprises of an entry module which provides access to the modules of book keeping system using details like mobile number, Bluetooth identification number and authentication details etc. A member group information module comprises of information related to a registered member group and information related to individual members of the registered group are available in this module, member can be added or deleted from this module after prior approval of the concerned authorized person. Mobile book keeping system further comprises of a meeting module which has provisions like setting meetings i.e organizing meetings periodically or as per requirement and it is also used for updating transactional details of the registered member group that are executed during the meeting. Further the mobile book keeping system has a provision to update the transactional meeting information from the mobile to a database through a server where the information is useful in knowing and maintaining the transactional statuesque of the registered member groups.

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

(22) Date of filing of Application :28/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: HYDRAULIC FRACTURE SIMULATION WITH AN EXTENDED FINITE ELEMENT 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 	:13/491,164 :07/06/2012 :U.S.A. :NA :NA : NA :NA	,
Filing Date (62) Divisional to Application Number	:NA :NA	· · · · · · · · · · · · · · · · · · ·
Filing Date	:NA	

(57) Abstract:

A computer-implemented method includes defining respective positions of a first set of nodes and a second set of nodes in an enrichment region, and performing a coupled pore fluid diffusion and stress analysis on the enrichment region at the first set of nodes. It is then determined whether the second set of nodes is activated representing a fracture as a result of the analysis, and the results are visually output to a user.

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

(22) Date of filing of Application :28/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: MIGRATION ASSESSMENT FOR CLOUD COMPUTING PLATFORMS

(51) International classification	:H04L29/08	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Accenture Global Services Limited
(32) Priority Date	:NA	Address of Applicant :3 Grand Canal Plaza, Grand Canal
(33) Name of priority country	:NA	Street Upper, Dublin 4, IRELAND
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VIBHU SAUJANYA SHARMA
(87) International Publication No	: NA	2)SHUBHASHIS SENGUPTA
(61) Patent of Addition to Application Number	:NA	3)SATISH NAGASAMUDRAM
Filing Date	:NA	4)VENKATESH SUBRAMANIAN
(62) Divisional to Application Number	:NA	5)CHETHANA DINAKAR
Filing Date	:NA	6)ARAVINDAN THOPPE SANTHARAM

(57) Abstract:

Various embodiments provide an assessment tool that enables an automated functional assessment of applications for migration to target cloud computing platforms, such as a Platform as a Service (PaaS). The technical capabilities of various types of applications in a traditional non-platform deployment are studied and support for these technical capabilities is evaluated relative to the target platform.

No. of Pages: 44 No. of Claims: 20

(22) Date of filing of Application :30/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : METHOD AND SYSTEM FOR GENERATING MEDICAL RECOMMENDATIONS BASED ON A KNOWLEDGE GRAPH

(51) International classification	: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		Constellation Business Park, Outer Ring Road, Doddanakundi
Filing Date	:NA	Circle, Marathahalli Post, Bangalore -560037, Karnataka, India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)BHAUMIK, Sandip
Filing Date	:NA	2)NARAYANAN, Rangavittal
(62) Divisional to Application Number	:NA	3)SATHISH, Sailesh Kumar
Filing Date	:NA	4)DESARKAR, Maunendra Sankar

(57) Abstract:

A method and system for recommending trusted medical information to a user using a knowledge base search across a knowledge graph is provided. The method includes constructing a knowledge graph which represents plurality of knowledge objects associated with the users. Further, the method includes receiving intent associated with the user. Furthermore, the method includes assigning a weight to the knowledge objects of the knowledge graph based on a semantic similarity between the intent and each knowledge object. Furthermore, the method includes generating one or more recommendations for the user based on the weight assigned to the knowledge objects. In an embodiment, the method includes assigning and displaying a weight to each of responses received for an intent associated with the user. Further, the weight is assigned based on semantic similarity between the response and each knowledge object of the knowledge graph.

No. of Pages: 54 No. of Claims: 38

(22) Date of filing of Application :01/08/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: AN IMPROVED COVER BELT TENSIONING ARRANGEMENT FOR BALE PLUCKING MACHINE

(51) International classification	:D01G7/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LAKSHMI MACHINE WORKS LTD.
(32) Priority Date	:NA	Address of Applicant :PERIANAICKENPALAYAM,
(33) Name of priority country	:NA	COIMBATORE 641 020 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SULUR ANGANNAN SARAVANAKUMAR
(87) International Publication No	: NA	2)NARAYANASAMY KATHIRAVAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a textile bale plucking machine. The suction channel (3) of the bale plucking machine is provided with a cover belt (6) at the top side along the entire length of the machine. This invention provides an improved tensioning arrangement for the cover belt (6) in an effective manner.

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

(22) Date of filing of Application :08/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: SOURCE CODE FLOW ANALYSIS

(51) International classification		(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 I
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ANNERVAZ K M
(87) International Publication No	: NA	2)VIKRANT SHYAMKANT KAULGUD
(61) Patent of Addition to Application Number	:NA	3)SHUBHASHIS SENGUPTA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

According to an example, source code flow analysis may include receiving source code for an application, and identifying virtual flow documents for the application from the source code. The virtual flow documents may represent ordered sequences of method calls for the application. The source code flow analysis may further include extracting features of the virtual flow documents, determining similarity between the virtual flow documents by estimating similarities for the extracted features to determine a flow-to-flow similarity, and clustering the virtual flow documents based on the flow-to-flow similarity. The flow-to-flow similarity may be further used, for example, to generate highest priority virtual flow documents and methods for the source code. The source code flow analysis may also include determination of flow-to-maintenance activity description (MAD) similarity, for example, to identify relevant virtual flow documents from the virtual flow documents based on the flow-to-MAD similarity to generate ordered relevant virtual flow documents.

No. of Pages: 34 No. of Claims: 20

(22) Date of filing of Application :03/06/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: CHOPPING CIRCUIT FOR MULTIPLE OUTPUT CURRENTS

(51) International classification (31) Priority Document No	:H05B33/00 :NA	(71)Name of Applicant: 1)COSMIC CIRCUITS PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :303, A BLOCK, AECS LAYOUT,
(33) Name of priority country	:NA	KUNDALAHALLI, BANGALORE - 560 037 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ABHILASHA KAWLE
(87) International Publication No	: NA	2)RACHIT RAWAT
(61) Patent of Addition to Application Number	:NA	3)SHYAM SUBRAMANIAN
Filing Date	:NA	4)PRAKASH EASWARAN
(62) Divisional to Application Number	:NA	5)SUNDARARAJAN KRISHNAN
Filing Date	:NA	

(57) Abstract:

A circuit for reducing flicker noise includes a first current source coupled to an input current. The circuit includes current mirrors to generate output currents in response to the input current. The output currents include the flicker noise. In addition, the circuit includes a chopping circuit to reduce the flicker noise from each of the output currents.

No. of Pages: 37 No. of Claims: 18

(21) Application No.2787/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :26/06/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: DECOCTION FOR QUICK RELIEF AND CURE OF ALL TYPES OF FEVER AILMENTS

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GIRIVAS VISWANATH SHET (INDIAN)
(32) Priority Date	:NA	Address of Applicant : MYSORE SANDAL PRODUCTS,
(33) Name of priority country	:NA	6/1872, SASTHA NAGAR, AANAVATHIL,
(86) International Application No	:NA	MATTANCHERRY, COCHIN - 682 002 Kerala India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)GIRIVAS VISWANATH SHET (INDIAN)
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Above three potent ingredients Tinospora, Cordifolia and Swerita Chirayita processed with traditional indigenous herbs or plants come under our invention.

No. of Pages: 3 No. of Claims: 1

(22) Date of filing of Application :02/08/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: ROTATING DRUM ROASTING MACHINE FOR RAW CASHEW NUTS

(51) International algorification	· A 22NI12/00	(71) Nome of Applicant
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH
(32) Priority Date	:NA	Address of Applicant :1, KRISHI BHAVAN, DR
(33) Name of priority country	:NA	RAJENDRA PRASAD ROAD, NEW DELHI 110 001 Delhi
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DHAKSHINAMURTHY, BALASUBRAMANIAN
(61) Patent of Addition to Application Number	:NA	2)DESHPANDE, SHASHIKUMAR DATTATRAYA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Mechanized raosting machine for raw cashewnut is an efficient roasting method, compact, reduces, manpower, fuel-efficient and eliminates skilled labour. Disclosed is a drum roasting machine consisted of a bucket elevator operated by 0.37 kW electrical motor, revolving drum, power transmission system, heating assembly and chimney or smoke outlet. Raw cashewnuts available in the feed hopper are conveyed to feeding chute through bucket elevator. A nut regulator is provided i.e. a square rod of 0.01 m2 c/s having length of 1.00 m, inner side of the revolving drum to turn the nuts and ensure uniform roasting. Roasting drum derives rotational motion from electrical motor) through power reduction (Gears and sprocket assembly). A longitudinal gas burner is provided beneath roasting drum throughout its length and the gas pipe is connected to liquefied petroleum gas (LPG) with control valve. In order to regulate the roasted nut at the outlet of the drum roaster, a curved SS plate is provided and the burning nuts falling out of the plate are were quenched off by water spray. Chimney having 0.3 m sq and 7.2 m height is provided to develop sufficient suction force to aspirate smoke emanating from drum roasting of raw cashew nuts inside the revolving drum.

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

(22) Date of filing of Application :02/08/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR REDUCING POWER CONSUMPTION IN AN ULTRASOUND SYSTEM

(51) International classification	:A61B8/00	(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)SINGHAL, NITIN
(87) International Publication No	: NA	2)ARORA, MANISH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Embodiments of ultrasound probes, systems, and methods for reducing power consumption in ultrasound systems are presented. A target region corresponding to a subject is imaged using an ultrasound probe disposed over a surface of the subject. Further, a distance between the ultrasound probe and the surface is determined during the imaging using a proximity sensor operatively coupled to the ultrasound probe. Subsequently, power consumption in the ultrasound probe is reduced when the determined distance between the ultrasound probe and the surface is greater than a determined threshold.

No. of Pages: 31 No. of Claims: 30

(22) Date of filing of Application :26/06/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: TRAIN AND METHOD FOR SAFELY DETERMINING THE COMPOSITION OF SUCH A TRAIN

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B61L15/00 :12 56126 :27/06/2012 :France	(71)Name of Applicant: 1)ALSTOM TRANSPORT SA Address of Applicant: 3, AVENUE ANDRE MALRAUX, 92300 LEVALLOIS-PERRET France
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)LINARES, HERVE
(87) International Publication No	: NA	2)VAN DEN HENDE, JEAN-CHRISTOPHE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This method for determining the composition of a train (1) including a plurality of vehicles grouped in successive units (10A, 10B, 10C) connected to each other, the train including: - one safety management device (24A, 24B, 24C) per unit (10A, 10B, 10C), each device (24A, 24B, 24C) having two identifiers which are specific to it, - one coupling communication link (12, 14) for each pair of adjacent units, - a general network (18) for connecting all the devices (24A, 24B, 24C) to each other, comprises an initial step for transmitting, with each device (24A, 24B, 24C), over the general network (18), a non-secured broadcast message and a step for receiving, with each device (24A, 24B, 24C), messages including the identifiers of the other modules. The method comprises the following steps: - transmitting, over the general network (18) and over each coupling communication link (12, 14), with at least one device (24A, 24B, 24C), a secured message to one of the adjacent devices (24A, 24B, 24C) to said device (24A, 24B, 24C), the message including one of the identifiers of said device (24A, 24B, 24C), - transmitting, over the general network (18), with each device (24A, 24B, 24C) having received an identifier of another device (24A, 24B, 24C) connected through a coupling communication link (12, 14), at least one restoration message including both identifiers of said device as well as the received identifier, - receiving, with each device (24A, 24B, 24C), transmitted restoration messages, and - determining, with at least one device (24A, 24B, 24C), the composition of the train.

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

(22) Date of filing of Application :31/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : A NOVEL METHOD FOR UPDAING THE TIME SCHEDULE OF AUTOMATIC FLIGHT PLAN NAVIGATION OF AN AIRCRAFT

(51) International classification	:G01C23/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HINDUSTAN AERONAUTICS LIMITED
(32) Priority Date	:NA	Address of Applicant :GENERAL MANAGER, MCSRDC
(33) Name of priority country	:NA	DIVISION HINDUSTAN AERONAUTICS LIMITED,
(86) International Application No	:NA	VIMANAPUR POST, BANGALORE - 560 017 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)BASU TANMOY
(61) Patent of Addition to Application Number	:NA	2)SANDI SYAM SANTHOSH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention is a method to modify the time schedule of the automatic Flight plan navigation of an Aircraft during the flight. The present method provides facility to enter time delay/ advance in the time schedule of the active flight plan during flight. The Flight plans including time schedule for the flight plan are created on ground and are stored in Non-volatile memory of the Flight Management Computer. The present method allow pilot to enter any delay or advance in time schedule for flight plan through Up Front Control Panel (UFCP) of the aircraft. The Flight Management Computer receives +/-ve delay time entered through UFCP and re-computes Plan Time of Arrival (PTA) of each waypoint on the flight plan as per entered delay time. The Flight Management Computer re-computes Desired Calibrated Air Speed (DCAS) based on the updated PTA to reach the destination waypoint on time. The computed navigation guidance parameters for automatic Flight plan navigation, such as PTA, DCAS are displayed on the Head Up Display (HUD) of the aircraft. The entered delay time also displayed on HUD for indication to pilot.

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

(22) Date of filing of Application :02/08/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: IMPROVED DEVICE FOR DISPERSING OR COLLECTING FLUIDS HAVING VALVES

(51) International classification		(71)Name of Applicant:
(31) Priority Document No (32) Priority Date	:NA :NA	1)GUNASHEKAR VUPPALAPATI Address of Applicant :D1202, JARDINE BLOCK, BRIGADE
(32) Friority Date (33) Name of priority country	:NA	GARDENIA, RBI LAYOUT, JP NAGAR 7TH PHASE,
(86) International Application No	:NA	BANGALORE 560078, KARNATAKA, INDIA.
Filing Date	:NA	2)ERIC W B DIAS
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)GUNASHEKAR VUPPALAPATI
Filing Date	:NA	2)ERIC W B DIAS
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A improved device for dispersing or collecting fluids, comprising an elongated hollow rigid tube 210 comprising a hub 220 at one end, wherein the hub 220 is configured to be attached to an storage means for storing or collecting fluid, an sharp tip 230 diametrically opposite to the hub 220 of the hollow rigid tube 210, wherein the sharp tip 230 is capable of piercing tissue, wherein the tissue may be hard or soft; and the hollow rigid tube 210 comprises a plurality of openings 240 through which fluid may be dispersed or collected to the means for storing or collecting fluid.

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

(22) Date of filing of Application :02/08/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: METHOD AND SYSTEM FOR ESTIMATING DENSITY OF COMPOSITE MATERIALS

(51) International classification	:G06T7/00	(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)NARAYANAN, AJAY
(87) International Publication No	: NA	2)DAS, BIPUL
(61) Patent of Addition to Application Number	:NA	3)THIRUKAZHUKUNDRAM SUBRAHMANIAM,
Filing Date	:NA	VIGNESH
(62) Divisional to Application Number	:NA	4)SHAH, PRATIK
Filing Date	:NA	

(57) Abstract:

Method and system for imaging are disclosed. Projection data corresponding to a target is acquired using X-rays generated at a plurality of energy levels. Further, at least two individual constituents corresponding to the target are identified. Additionally, a set of voxels including the individual constituents in at least a pair of basis material decomposition images reconstructed using the acquired projection data are identified. Moreover, a prior distribution of densities corresponding to the individual constituents in the identified set of voxels is determined. Furthermore, at least an upper bound on variation of volume fractions corresponding to the individual constituents in the identified set of voxels is ascertained. A posterior distribution of the densities corresponding to the individual constituents is computed based on the prior distribution of densities and/or the upper bound on variation of volume fractions. Densities corresponding to the individual constituents are estimated based on the computed posterior distribution.

No. of Pages: 52 No. of Claims: 30

(22) Date of filing of Application :06/05/2013

(43) Publication Date: 06/02/2015

(54) Title of the invention : METHOD AND APPARATUS FOR IMPROVING RADIO FREQUENCY INDEX IN REAL TIME IN DISTRIBUTED NETWORK

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H04L :201010502450.2 :11/10/2010 :China :PCT/CN2011/075833 :16/06/2011 :WO 2012/048580 :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)TANG Xiaojian 2)YANG Bojing
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(57) Abstract:

The present invention discloses a method and an apparatus for improving a radio frequency index in real time in a distributed network the method includes that: a data analysis unit receives the input power the output power and the link gain of a base station element node which is provided with a radio frequency module and establishes a study model of the base station element unit according to the input power the output power and the link gain (S21); according to the preset corresponding relation between the input power and an anticipant output power the data analysis unit obtains the anticipant output power corresponding to the input power (S22); in the study model according to the difference value of the anticipant output power and the output power the link gain is adjusted until the difference value of the output power and the anticipant output power reaches a pre determined range and the current link gain is determined as a new link gain (S23); the data analysis unit transmits the new link gain to the base station element node and the base station element unit adjusts its link gain according to the new link gain (S24).

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

(22) Date of filing of Application :07/05/2013

(43) Publication Date: 06/02/2015

(54) Title of the invention : CLIENT MANAGED GROUP COMMUNICATION SESSIONS WITHIN A WIRELESS COMMUNICATIONS 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) Printing Pates Application Number 	:08/12/2011 :WO 2012/078901 :NA :NA	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A. (72)Name of Inventor: 1)PATEL Biren R. 2)LINDNER Mark A.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In an embodiment a user equipment (UE) participating in a server mediated communication session maintains an identifier of the session and a list of UEs that are currently participating in the session. The UE determines to suppress its participation level in the session and configures a member update message to include the identifier and to indicate the suppressed participation level of the UE. The UE transmits the configured member update message to each other UE currently participating in the session. In another embodiment the UE receives a request to modify one or more of a given set of control parameters associated with the session. The UE determines whether the UE belongs to a subset of UEs that are currently participating in the session and to which permission to modify the given set of parameters is restricted. The UE selectively grants the received request based on the determination.

No. of Pages: 52 No. of Claims: 48

(21) Application No.2142/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :15/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: COVERAGE BASED DIRECTION FINDING

(51) International classification	·H04W4/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Alcatel Lucent
(32) Priority Date	:NA	Address of Applicant :3 Avenue Octave Greard 75007 Paris
(33) Name of priority country	:NA	France
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Harikrishna C Warrier
(87) 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 herein relate to route tracking and, more particularly, to mobile coverage based route tracking. The system fetches start and destination location information and mobile service provider information as inputs from the user. The system comprises database with information of tower location and coverage information of various service providers along different routes between various locations. The system identifies a shortest distance between the start and destination locations and checks coverage of the selected service provider along the identified route. If coverage information is not available or if the selected service provider doesnTMt offer complete coverage in the identified route, the system identifies next shortest route and performs the coverage check and information on the shortest route with complete coverage is provided to the user.

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

(22) Date of filing of Application :31/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: AN IMPROVED SYSTEM AND METHOD FOR ACCESS ARBITRATION BETWEEN TWO OR MORE PROCESSOR BOARDS BASED ON DIGITAL LOGIC

(51) Intermedianal alexaif action	.H06E	(71)Name of Applicants
(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)HINDUSTAN AERONAUTICS LIMITED
(32) Priority Date	:NA	Address of Applicant :GENERAL MANAGER, MCSRDC
(33) Name of priority country	:NA	DIVISION HINDUSTAN AERONAUTICS LIMITED,
(86) International Application No	:NA	VIMANAPURA POST, BANGALORE - 560 017 Karnataka
Filing Date	:NA	India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)GHOSH SHEKHAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An Improved System and Method for access arbitration based on FPGA based digital logic to allow one intelligent processor based master to read/write common devices in embedded computer from the two or competing processor based cards.. This invention relates to arbitration amongst two or more processor cards competing to read/write common devices in an embedded computer. This helps in optimizing the tasks sharing amonst the processor cards and exchanging the information across the tasks being exchanged in the individual processor cards. This overcomes the limitation of arbitration between two processor boards using standard arbitration control device.

No. of Pages: 9 No. of Claims: 2

(22) Date of filing of Application :31/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : A UNIFIED SYSTEM FOR TRANSFER OF MISSION CRITICAL DATA TO LINE REPLACEABLE UNITS OVER A DIGITAL AVIONICS BUS

(51) International classification (31) Priority Document No	:G06F12/00 :NA	(71)Name of Applicant: 1)HINDUSTAN AERONAUTICS LIMITED
(32) Priority Date	:NA	Address of Applicant :GENERAL MANAGER, MCSRDC
(33) Name of priority country	:NA	DIVISION HINDUSTAN AERONAUTICS LIMITED,
(86) International Application No	:NA	VIMANAPUR POST, BANGALORE - 560 017 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SINGH ABHISHEK
(61) Patent of Addition to Application Number	:NA	2)DUTTA BIPLOB JYOTI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This invention presents a system that provides the facility to upload and download data for different Line Replaceable Units (LRU) (105, 106, 107. etc.) in an aircraft in a unified package. The traditional method has been to use dedicated ground servicing equipment for different LRUs for data transfer. Here, these functionalities have been centralized by using a single sub-system, the Data Loader Unit (101) as the source of data. It is provided with a Removable Storage Medium (102) for storing data related to various LRUs. The Data Transfer Controller (103) controls the entire process. It receives the stored data from the Data Loader Unit (101), processes it to check for errors, encodes the data for the respective LRU and transfers it over an avionics bus. It also retrieves data from the LRUs and transmits it to the Data Loader Unit (101) for storage and post-flight analysis.

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

(22) Date of filing of Application :09/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: FIREARM RECEIVER COVER HAVING AN ACCESSORY MOUNT

(51) International classification	:F41G1/38	(71)Name of Applicant :
(31) Priority Document No	:12/916257	1)FESAS Nelson A.
(32) Priority Date	:29/10/2010	Address of Applicant :4815 W. Braker Lane #502 130 Austin
(33) Name of priority country	:U.S.A.	TX 78759 U.S.A.
(86) International Application No	:PCT/US2011/058237	(72)Name of Inventor :
Filing Date	:28/10/2011	1)FESAS Nelson A.
(87) International Publication No	:WO 2012/058518	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An adjustable receiver cover for a firearm having an integral accessory mounting structure and pivotally attached to the firearm. A front mounting tab adjustably attached to the cover body accommodates physical variances between examples of said firearm. The front of adjustable cover is pivotally attached to the firearm by a pin. The adjustable cover is firmly affixed at its rear by a cam locking release button. The adjustable cover is self centering by means of an integral spring apparatus.

No. of Pages: 23 No. of Claims: 22

(22) Date of filing of Application :28/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: AN IMPROVED REVERSE OSMOSIS WATER PURIFIER

(51) International classification	:B01D61/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)K.RAJENDRAN
(32) Priority Date	:NA	Address of Applicant :Marathalli Mineral Waters, 10/5, M
(33) Name of priority country	:NA	Gandi Nagar Road, Munnekolallu, Marathalli Post, Bangalore
(86) International Application No	:NA	560037 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)K.RAJENDRAN
(61) Patent of Addition to Application Number	:1353/CHE/2010	
Filed on	:01/01/1900	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides an improved reverse osmosis water purifier comprises of sediment filter for removing the particles; active carbon filter for removing dissolved gases; reverse osmosis filter for removing microbiological, micro particles, and salts to obtain purified water; and pressurized container for essential mineral concentrated liquid; wherein said purified water obtained from reverse osmosis is blended with said mineral concentrated liquid at a constant flow discharge to obtain purified water having vital minerals. Further, a cartridge container is provided in between reverse osmosis filter and ultraviolet filter to enhance the pH level of purifier water and to provide vital minerals. Further, the rejected water from the reverse osmosis filter 6 is stored in a high pressures storage tank which may be hydro pneumatic tank for storing the rejected water, wherein the stored water may be used for washing utensils, moping floor, gardening.

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

(21) Application No.3387/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :30/07/2013 (43) Publication Date : 06/02/2015

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

(51) International classification :C07I (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant: 1)Dr. Reddy TM s Laboratories Limited Address of Applicant:8-2-337, Road No. 3, Banjara Hills, Hyderabad, Andhra Pradesh, India. (72)Name of Inventor: 1)Vilas Hareshwar Dahanukar 2)Syam Kumar Unniaran Kunhimon 3)Srinivas Reddy Gade 4)Dinesh Shivaji Bhalerao 5)Anil Kumar Reddy Arkala 6)Nagaraju Manne 7)Rajani Rajan
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(57) Abstract:

The present invention relate to processes for preparing Boceprevir and its intermediates thereof.

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

(21) Application No.3389/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :30/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: PREDICTION OF NEW LANTHANIDES AND ACITINIDES BY R. VELMURUGAN

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A01N :NA :NA :NA	(71)Name of Applicant: 1)R. VELMURUGAN Address of Applicant:146/5 NORTH STREET SENGAMEDU (VILL), AVINANGUDI (PO), TITTAGUDI
(86) International Application No	:NA	(TK), CUDDALORE (DT), INDIA. 606 112 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)R. VELMURUGAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

When I calculated A/Z Value of lanthanides the value is found to be a constant also this value can be calculated from graph plotted beween atomic number and atomic mass extrapolation of linear graph help to predict new lanthanides ,above process also applicable to Actinide heretofore written facts are abstract of invention.

No. of Pages: 6 No. of Claims: 5

(21) Application No.3621/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :08/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : TREATING DIABETES MELITUS USING INSULIN INJECTIONS ADMINISTERED WITH VARYING INJECTION INTERVALS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:10189115.8 :27/10/2010 :EPO :PCT/EP2011/068870 :27/10/2011 :WO 2012/055967 :NA :NA	(71)Name of Applicant: 1)NOVO NORDISK A/S Address of Applicant: Novo All DK 2880 Bagsv rd Denmark (72)Name of Inventor: 1)JOHANSEN Thue
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to methods for treatment of a condition or disease where administration of insulin will be of benefit comprising administering to a patient in need thereof effective dosages of an insulin insulin analogue or derivative thereof which exhibits a prolonged profile of action wherein said dosages are administered at intervals of varying length.

No. of Pages: 69 No. of Claims: 15

(22) Date of filing of Application :24/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: METHOD FOR MANUFACTURING OF SLURRY FOR PRODUCTION OF BATTERY 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 	:c04b :2010 1514 :28/10/2010 :Norway :PCT/IB2011/054738 :24/10/2011 :WO 2012/056389 :NA :NA :NA	(71)Name of Applicant: 1)MILJOBIL GRENLAND AS Address of Applicant: Her, ya Industripark Bygg 114 Postboks 1023 Porsgrunn N 3905 Norway (72)Name of Inventor: 1)HAUGSETER Bjorn 2)HENRIKSEN Tom 3)VALTEN Lars Ole 4)SRIVASTAVA Akhilesh Kumar
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(57) Abstract:

The present invention deals with a process for description of a slurry for coating of electrodes for use in lithium ion batteries where the process as a minimum comprises the steps of a) mix (1) active materials (A) with a binder (B) into a binder solution and b) add (1) an organic carbonate (C) to a binder solution so that a slurry is generated and the invention is comprising a method for generation of electrodes for a lithium battery cell where the procedure as a minimum comprises the steps of a) mix (1) active materials (A) with a binder (B) with a binder solution b) add (1) an organic carbonate (C) into a binder solution so that a slurry is generated c) coat (2) an electrode material (D) with the slurry d) evaporate/ dry (3) the coating of the electrode material meaning that the organic carbonate (C) is steamed/ dried and e) surface finishing (5 6 7) the slurry so that the electrode is prepared for use in a lithium ion battery cell. Finally the invention states a procedure for manufacturing of a lithium battery cell.

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

(22) Date of filing of Application :29/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : SYSTEM AND METHOD FOR ACCESSING INTEGRATED APPLICATIONS IN A SINGLE SIGN-ON ENABLED ENTERPISE SOLUTION

(51) International classification	:G06F	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INFOSYS LIMITED
(32) Priority Date	:NA	Address of Applicant :IP CELL, PLOT NO 44,
(33) Name of priority country	:NA	ELECTRONICS CITY, HOSUR ROAD, BANGALORE 560100
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)PREETHI THOPPIL
(61) Patent of Addition to Application Number	:NA	2)JASDEEP SINGH KALER
Filing Date	:NA	3)SUJIT KUMAR MAHAPATRA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method for performing access management to facilitate a user to access applications in a single sign-on enabled enterprise solution is provided. A challenge token and a response token are transmitted between a server and a client. The challenge token and response token comprises one-way hashed data. The response token is verified at the server and the client to authenticate the user. Further, a request for service token is transmitted between the server and the client. The request for service token is encrypted at the client and decrypted at the server using a unique session key negotiated between the server and client. A service token is generated and transmitted between the server and the client. The service token is encrypted at the server using a secret key to verify the service token. Based on the verification, the requested applications are rendered on client based user interface.

No. of Pages: 29 No. of Claims: 16

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

(19) INDIA

(22) Date of filing of Application :31/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : AN OPTIMIZATION METHOD BASED ON FORMATTED LOGICAL BLOCK ADDRESS SIZE OF A NVM EXPRESS NAMESPACE

(51) International classification	·G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Samsung India Software Operations Pvt Ltd
(32) Priority Date	:NA	Address of Applicant :Bagmane Lakeview, Block B, No. 66/1,
(33) Name of priority country	:NA	Bagmane Tech Park, CV Raman Nagar, Byrasandra, Bangalore
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Kavirayani Venkata Ramakrishna Chaitanya
(61) Patent of Addition to Application Number	:NA	2)Vikram Singh
Filing Date	:NA	3)Santosh Singh
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method of organizing an address mapping table of a flash storage device based on a Logical Block address (LBA) size. The method includes identifying the extent of correlation between the LBA size and a flash page size. The method includes calculating an extent value between the LBA size and the flash page size. The extent value indicates the relationship between the LBA size and the page size. The method includes computing the total number of entries in each Meta page based on one of the page size and size of each entry. The method includes organizing the address mapping table with the computed total number of entries in each Meta page of the address mapping table.

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

(21) Application No.3688/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application: 10/05/2013 (43) Publication Date: 06/02/2015

(54) Title of the invention: PROCESS FOR PREPARING AN N N DIALKYLETHANOLAMINE HAVING HIGH COLOUR **STABILITY**

(51) International classification (31) Priority Document No :10195662.1 (32) Priority Date :17/12/2010 (33) Name of priority country :EPO

(86) International Application No :PCT/EP2011/072936 Filing Date :15/12/2011

(87) International Publication No :WO 2012/080409

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

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

:C07C13/04,C07C215/08 (71)Name of Applicant :

1)BASF SE

Address of Applicant: 67056 Ludwigshafen Germany

(72)Name of Inventor: 1)PAPE Frank Friedrich 2)MELDER Johann Peter 3)KRAUSE Alfred

4)BOU CHEDID Roland 5)RUDLOFF Martin

(57) Abstract:

A process for preparing an N N dialkylethanolamine of the formula (I) having high colour stability where R and Rare each independently a C to C alkyl group by reacting ethylene oxide (EO) with a corresponding dialkylamine (RRNH) in the presence of water wherein the reaction is effected continuously in a reactor the reaction temperature is in the range from 90 to 180°C and the residence time (RT) in the reactor is in the range from 1 to 7 min the reactor output is treated thermally at a temperature in the range from 80 to 160°C over a period in the range from 20 to 1000 min and then the N N dialkylethanolamine is removed by distillation.

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

(22) Date of filing of Application :28/05/2013

(43) Publication Date: 06/02/2015

(54) Title of the invention: APPARATUS FOR MANUFACTURING MOLTEN IRON AND METHOD FOR MANUFACTURING MOLTEN IRON USING SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C21B13/06 :1020100115554 :19/11/2010 :Republic of Korea :PCT/KR2011/008842 :18/11/2011 :WO 2012/067462 :NA :NA :NA	(71)Name of Applicant: 1)POSCO Address of Applicant: 1 Goedong dong Nam ku Pohang shi Kyungsangbuk do 790 300 Republic of Korea (72)Name of Inventor: 1)SHIN Myoung Kyun 2)JOO Sang Hoon 3)KIM Dong Jin 4)KIM Jin Tae
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(57) Abstract:

Provided are an apparatus and method for manufacturing molten iron. The apparatus for manufacturing molten iron according to the present invention comprises: a multi stage fluid bed furnace for converting fine iron ore into reduced fine iron through reduction; at least one high temperature compacting unit for preparing a high temperature compacted iron by compressing the reduced fine iron; at least one crushing unit for crushing the high temperature compacted iron to have a certain particle size; a first conveying unit for conveying the crushed high temperature compacted iron; and a melting furnace for melting the conveyed high temperature compacted iron by combusting fine or lump coals and for supplying a reducing gas which is generated in the furnace to a fluidized reduction furnace. In addition the apparatus further comprises at least one compacted iron storing unit for storing some of the compacted iron which has been crushed. According to the present invention molten iron can be manufactured stably and efficiently.

No. of Pages: 29 No. of Claims: 18

(22) Date of filing of Application :07/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: METHOD, APPARATUS, AND COMPUTER PROGRAM PRODUCT FOR RESPONSE CRITERIA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04W8/00 :13/470648 :14/05/2012 :U.S.A. :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)NOKIA CORPORATION Address of Applicant: Keilalahdentie 4, FIN-02150 Espoo, Finland (72)Name of Inventor: 1)Jarkko Lauri Sakari Kneckt
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(57) Abstract:

Method, apparatus, and computer program product embodiments of the invention are disclosed for response criteria employable, for example, in connection with device discovery within wireless networks. In an example embodiment of the invention, a method comprises: receiving, at a device, a request, wherein said request conveys one or more registered unique identifiers, wherein the registered unique identifiers indicate device capabilities, and wherein said request conveys response criteria referencing the registered unique identifiers; determining, at the device, recognition of one or more of the referenced registered unique identifiers; determining, at the device, possession of device capabilities indicated by the recognized registered unique identifiers; and determining to dispatch, from the device, response to the request, wherein the dispatch is contingent upon the recognition and the possession.

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

(22) Date of filing of Application :20/08/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: AIR CLEANER SYSTEM FOR SADDLE RIDE-TYPE VEHICLE

(86) International Application No Filing Date (87) International Publication No (81) Patent of Addition to Application Number Filing Date (82) Divisional to Application Number Filing Date (83) International Publication No Filing Date (84) International Publication No Filing Date (85) Divisional to Application Number Filing Date (86) International Application No Filing Date (87) International Publication No Filing Date (88) International Application No Filing Date (88) International Application No Filing Date (89) International Publication No Filing Date (80) International Publication No Filing Date (81) International Publication No Filing Date (81) International Publication No Filing Date (82) International Publication No Filing Date (83) International Publication No Filing Date (84) International Publication No Filing Date (85) International Publication No Filing Date (86) International Publication No Filing Date (87) International Publication No Filing Date (88) International Publication No Filing Date (87) International Publication No Filing Date (88) International Publication No Filing Date (88) International Publication No Filing Date (89) International Publication No Filing Date (80) International	(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B62J :2012- 185338 :24/08/2012 :Japan	(71)Name of Applicant: 1)HONDA MOTOR CO., LTD. Address of Applicant:1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan (72)Name of Inventor:
(32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (87) International Publication No Filing Date (87) International Publication No Filing Date (87) International Publication No Filing Date (88) International Publication No Filing Date Filing Date Filing Date (89) Divisional to Application Number Filing Date (80) Divisional to Application Number Filing Date (81) NA Filing Date Filin	(21) Priority Dogument No.	:2012-	1)HONDA MOTOR CO., LTD.
(33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (82) Divisional to Application Number Filing Date (83) Name of Inventor: 1)NAKAZAWA, HIROYA	(31) Fliotity Document No	185338	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,
(86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (87) International Publication Number NA Filing Date NA (62) Divisional to Application Number NA	(32) Priority Date	:24/08/2012	MINATO-KU, TOKYO, 107-8556 Japan
Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA	(33) Name of priority country	:Japan	(72)Name of Inventor:
(87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA	(86) International Application No	:NA	1)NAKAZAWA, HIROYA
(61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA		:NA	
Filing Date :NA (62) Divisional to Application Number :NA	(87) International Publication No	: NA	
(62) Divisional to Application Number :NA	` /	:NA	
	•	:NA	
Filing Date :NA		:NA	
	Filing Date	:NA	

(57) Abstract:

An air cleaner system for a saddle ride-type vehicle configured such that an element supporting plate is unlikely to come off a case main body, and an engagement mechanism of the element supporting plate is less visible. [Solving Means] Provided is an air cleaner system for a saddle ride-type vehicle which includes: a cleaner case 70 in which a case main body 71 and a case cover 72 are joined together along a joint surface 70a in the vertical direction with an element supporting plate 73 held in between; a cleaner element 74 attached to the element supporting plate; and an engagement mechanism 10 0 for engaging the element supporting plate and the case main body together outside the cleaner case. The engagement mechanism includes: an engaging piece 101 having a leg portion 101a and a key portion 101b extending from one of the element supporting plate and the case main body; and an engaged piece 102 extending from the other one of the element supporting plate and the case main body, and including a first insertion passage 102a allowing insertion of both the leg portion and the key portion, and a second insertion passage 102b formed continuous to the first insertion passage and allowing insertion of only the leg portion. In the state where the element supporting plate is attached to the case main body, the key portion is situated in the second insertion passage.

No. of Pages: 59 No. of Claims: 10

(22) Date of filing of Application :20/09/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: PREVENTING COIL OVERHEATING IN LINE PRINTER HAMMER BANKS

(=1) =		
(51) International classification	:B41J	(71)Name of Applicant :
(31) Priority Document No	:13/654,175	1)PRINTRONIX,, INC.
(32) Priority Date	:17/10/2012	Address of Applicant :C/O PRINTRONX, INC. 15345
(33) Name of priority country	:U.S.A.	BARRANCA PARKWAY IRVINE, CALIFORNIA 92618
(86) International Application No	:NA	U.S.A.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)ANDERSON, GREG
(61) Patent of Addition to Application Number	:NA	2)BOWEN, CONNIE
Filing Date	:NA	3)VELASQUEZ, RAUL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In one embodiment, a method for preventing hammer coils of a line printer hammer bank from overheating during printing includes establishing the maximum allowable temperature thre—shold of any given hammer coil, monitoring the temperature of all hammer coils during printing, keeping a moving average of dots printed per unit time on each hammer coil, and if one or more coils reach a temperature higher than the threshold, detenrming the current maximum dot-per-hammer density that the hot coils can print per stroke of the hammer bank that will enable them to cool down adequately from their current temperatures. The rate of printing is restricted to this current established maximum dot-per-hammer density on only those coils which have a tempera—ture at or above the maximum allowable temperature, minus a suitable hysteresis.

No. of Pages: 39 No. of Claims: 20

(21) Application No.3401/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :30/07/2013

(43) Publication Date: 06/02/2015

(54) Title of the invention: AN ELECTRICAL SOCKET

(51) 7	H01D10/00	
(51) International classification	:H01R13/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ABB INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :2ND FLOOR, EAST WING,
(33) Name of priority country	:NA	KHANIHA BHAVAN, 49, RACE COURSE ROAD
(86) International Application No	:NA	BANGALORE - 560 001 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)INDER LAL
(61) Patent of Addition to Application Number	:NA	2)RAM MEHAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides an electrical socket. The electrical socket of the invention comprises at least one contact assembly. Each of the contact assembly has a terminal and a contact clip. The terminal of the contact assembly is provisioned to accommodate one end of the said contact clip therein.

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

(22) Date of filing of Application :01/08/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : METHOD AND SYSTEM FOR DETECTING A RADIO LINK FAILURE (RLF) IN A CELLULAR NETWORK WITH ASYMMETRIC BANDWIDTH SERVING CELLS

(51) International classification	:H04W	(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 -560037, Karnataka, India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)KIZHAKKEMADAM, Sriram N
Filing Date	:NA	2)RAMAMOORTHY, Shrinath
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides a method and system for evaluating and detecting Radio Link Failure (RLF) for a cellular system having different bandwidths serving cells. The method and system may be performed for the cellular system such as Long-Term Evolution (LTE) Heterogeneous Network with asymmetric carrier aggregation or a LTE macro cells with millimeter wave (5G) small cells, both of which have provision for carrier aggregation independently. The method and system discloses the present invention using single cell transmission and multiple cells transmission.

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

(21) Application No.3800/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: SINGLE SITE POLYMER

· /	:C08L23/04,C08F4/00,C08F10/00	
(31) Priority Document No	:10189292.5	1)BOREALIS AG
(32) Priority Date	:28/10/2010	Address of Applicant :IZD Tower Wagramerstrasse 17 19 A
(33) Name of priority country	:EPO	1220 Vienna Austria
(86) International Application No Filing Date	:PCT/EP2011/068796 :26/10/2011	(72)Name of Inventor: 1)PALML-F Magnus 2)OMMUNDSEN Espen
(87) International Publication No	:WO 2012/055932	3)BJLAND Anne Britt 4)KRAJETE Alexander
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A single site catalysed ethylene polymer comprising ethylene and optionally at least one comonomer having a Mw/Mn of less than 5 and wherein the total amount of unsaturations of the ethylene polymer is at least 0.8.

No. of Pages: 31 No. of Claims: 15

(22) Date of filing of Application :23/09/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: AIR-COOLED OIL COOLER MOUNTING STRUCTURE FOR INTERNAL COMBUSTION ENGINE

(51) International classification(31) Priority Document No	:F02B :2012- 216990	(71)Name of Applicant: 1)HONDA MOTOR CO., LTD. Address of Applicant: 1-1, MINAMI-AOYAMA 2-CHOME,
(32) Priority Date	:28/09/2012	MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)ABE, NORIO
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

To provide an air-cooled oil cooler mounting structure of an internal combustion engine, in which an oil cooling effect can be considerably expected, which is assembled to the internal combustion engine without requiring piping of oil pipes, and which is superior in assemblability with less number of parts. [Constitution] In an air-cooled oil cooler mounting structure for an internal combustion engine which is installed in a vehicle and in which a crankcase cover (50) covers an outside of a crankcase (11) in an axial direction, the crankcase (11) rotatably journaling a crankshaft (2 0) oriented in a vehicle width direction, an oil cooler unit (70) in which an oil introduction passage (75i) and an oil lead-out passage (76e) are provided integrally with an air-cooled oil cooler (71) is mounted to a front portion of the crankcase cover (50) with the oil introduction passage (75i) and the oil lead-out passage (76e) respectively communicating with an oil upstream side passage (58) and an oil downstream side passage (59) which are formed in the crankcase cover (50).

No. of Pages: 48 No. of Claims: 9

(22) Date of filing of Application :23/09/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: STRUCTURE OF MOUNTING VEHICLE-SPEED SENSOR IN MOTORCYCLE

(51) International classification	:B62M7/00 :2012-	(71)Name of Applicant: 1)HONDA MOTOR CO., LTD.
(31) Priority Document No	216288	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,
(32) Priority Date	:28/09/2012	MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)KONO, NAOKI
Filing Date	:NA	2)YAMANISHI, TERUHIDE
(87) International Publication No	: NA	3)WATANABE, SATORU
(61) Patent of Addition to Application Number	:NA	4)TAKAHASHI, KAZUHITO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In a motorcycle in which a motor housing cavity for housing a part of a starter motor, and a sensor mounting seat for mounting a vehicle-speed sensor placed facing an outer periphery of a specific gear of the gear transmission mechanism are provided on the upper face of the crankcase rearward of the cylinder block, and a sprocket cover is attached to a side face of the crankcase, the vehicle-speed sensor mounted to the upper face of the crankcase is protected while eliminating the need for a dedicated protective cover for a reduction in component count. [Constitution] A sensor mounting cavity 55 having an inner end at which a sensor mounting seat 47 is formed and having an opening formed on a side face of the crankcase 19 is provided on the upper face of the crankcase 19 rearward of the motor housing cavity 45. The vehicle-speed sensor 46 is mounted in a fluid tight manner on the sensor mounting seat 47 in such a manner as to be surrounded on all sides by the starter motor 44, the sprocket cover 43 and a side wall of the sensor mounting cavity 55.

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

(22) Date of filing of Application :18/09/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: PROPYLENE RESIN MATERIAL AND METHOD FOR THE PRODUCTION THEREOF

(51) International classification(31) Priority Document No	:C08L23/00 :2012- 209240	(71)Name of Applicant: 1)SUMITOMO CHEMICAL COMPANY LIMITED Address of Applicant: 27-1, SHINKAWA 2-CHOME, CHUO-
(32) Priority Date	:24/09/2012	KU, TOKYO 104-8260 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)SHIMANO, MITSUYOSHI
Filing Date	:NA	2)NAKAJIMA, HIROYOSHI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed are a propylene resin material capable of affording a molded article superior in impact properties, tensile properties, and appearance, and a method for producing the same. The propylene resin material includes a propylene homopolymer portion and a propylene-ethylene copolymer portion and satisfies specific requirements. The production method includes the step of mixing an organic peroxide with a propylene polymeric material produced via a multistage polymerization process using a polymerization catalyst and comprising a propylene homopolymer portion and a propylene-ethylene copolymer portion, the step of heating the mixture obtained via the mixing step, at a temperature lower than a decomposition temperature of the organic peroxide at which the half-life of the organic peroxide is one minute, and the step of washing the mixture heated in the heating step, with a medium containing an organic solvent.

No. of Pages: 47 No. of Claims: 4

(21) Application No.4280/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :23/09/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: INTERNAL COMBUSTION ENGINE

(51) International classification	:F02B75/00	(71)Name of Applicant :
(31) Priority Document No	:2012-	1)HONDA MOTOR CO., LTD.
(31) Thomas Document No	217280	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,
(32) Priority Date	:28/09/2012	MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)KUBO, KATSUHIRO
Filing Date	:NA	2)NAKAI, KAZUYUKI
(87) International Publication No	: NA	3)IIZUKA, NORIKO
(61) Patent of Addition to Application Number	:NA	4)KAWATSU, HIROTAKA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

To provide an internal combustion engine that is provided with a centrifugal oil filter and can make a size in an axial direction of a crankshaft easy to be reduced is provided. [Constitution] In an internal combustion engine that is provided with a crankcase 21, a crankshaft 23 rotatably supported by a right bearing 33, provided in the crankcase 21, and housed in the crankcase 21, and a drive gear 35 attached to a portion of the crankshaft 23, which protrudes from the right bearing 33, and transmitting a drive force of the crankshaft 23, a disc-shaped centrifugal oil filter 34 is attached to the crankshaft 23 between the right bearing 33 and the drive gear 35.

No. of Pages: 37 No. of Claims: 6

(22) Date of filing of Application :23/09/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: VANE TYPE 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 	:2012- 209383 :24/09/2012 :Japan :NA :NA	(71)Name of Applicant: 1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI Address of Applicant: 2-1, TOYODA-CHO, KARIYA-SHI, AICHI-KEN Japan (72)Name of Inventor: 1)INAGAKI, MASAHIRO 2)KOUMURA, SATOSHI 3)KOBAYASHI, KAZIIO
` /		<u> </u>
\ / I	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	
<u> </u>	:NA	
(87) International Publication No	: NA	3)KOBAYASHI, KAZUO
(61) Patent of Addition to Application Number	:NA	4)SATO, SHINICHI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A vane type compressor includes a housing, a rotor chamber formed in the housing, a drive shaft rotatably supported in the housing, a rotor fixedly mounted on the drive shaft, a vane slidable in and out of a peripheral surface of the rotor and brought into contact with an inner peripheral surface of the rotor chamber, a compression chamber formed in the rotor chamber by the rotor and the vane and suction and discharge chambers formed in communication with the compression chamber. An oil reservoir is formed in the discharge chamber for storing lubricating oil. The discharge chamber has two spaces having a predetermined volume and the spaces are located on opposite sides of the rotor chamber in an axial direction of the drive shaft so as to be in communication with each other thereby to serve as the oil reservoir.

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

(21) Application No.4282/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :23/09/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: INTERNAL COMBUSTION ENGINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:Japan :NA :NA : NA :NA	(71)Name of Applicant: 1)HONDA MOTOR CO., LTD. Address of Applicant: 1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan (72)Name of Inventor: 1)IIZUKA, NORIKO 2)KUBO, KATSUHIRO 3)NAKAI, KAZUYUKI 4)KAWATSU, HIROTAKA
(87) International Publication No	: NA	3)NAKAI, KAZUYUKI
Filing Date	:NA :NA	4)KIWIII SO, HIKOTIKKI
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

To provide working space for work to be done through a working opening even in the case of a small cylinder head without an increase in the size of the working opening and enable the work to be done properly. [Constitution] An exhaust rocker arm 46 includes a base part 74 in which an exhaust rocker arm shaft is inserted, and an arm part 76 which extends from the base part 74 and gives an acting force to slide an exhaust valve through its tip portion to the exhaust valve. When viewed in a direction perpendicular to a cylinder central axis line LI, an exhaust working opening 83 is formed so that its major axis is inclined with respect to the cylinder central axis line LI and the position of the base part 74 abutting on a support boss for supporting an exhaust rocker arm shaft is set in a way that the major axis is inclined with respect to the cylinder central axis line LI.

No. of Pages: 47 No. of Claims: 5

(22) Date of filing of Application :06/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: FLOOR STRUCTURE OF VEHICLE BODY CENTER SECTION

(51) T	D (0D 05 10 0	
(51) International classification	:B62D25/20	(71)Name of Applicant:
(31) Priority Document No	:2012-	1)SUZUKI MOTOR CORPORATION
(31) Thomy Bocament 110	128971	Address of Applicant :300, Takatsuka-cho, Minami-ku,
(32) Priority Date	:06/06/2012	Hamamatsu-shi, Shizuoka-Ken, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)Kentaro JOJIKI
Filing Date	:NA	2)Yu HASHIBA
(87) International Publication No	: NA	3)Keisuke KAWAI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

To realize that, when a load exerted on an upper portion of a rear seat becomes a moment and is transmitted to a mounting portion of a rear seat leg, the moment is efficiently absorbed and diffused, local deformation and the like of a rear floor panel at the mounting portion of the rear seat leg is suppressed, and a moving amount of the rear seat to a vehicle front side is reduced. [Solution] A floor side member 3 is provided at each of lower portions of a main floor panel 1, a vertical wall 5 is formed at a front side of a rear floor panel 2, a rear seat 6 is installed on an upper portion of the rear floor panel 2, a rear seat leg 7 extends downward along the vertical wall 5 from a front side lower portion of the rear seat 6, a lower end portion 7a of the rear seat leg 7 is mounted to a front side bottom portion of the rear floor panel 2, a rear seat leg reinforcement member 12 that extends in a vehicle longitudinal direction is disposed on each of upper portions at both left and right sides of the floor panels 1 and 2, a rear end portion 12b of the reinforcement member 12 is connected to the lower end portion 7a of the rear seat leg 7, and a front end portion 12a of the reinforcement member 12 is connected to the main floor panel 1 and the floor side member 3.

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

(22) Date of filing of Application :31/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : A NOVEL SYSTEM AND METHOD FOR IN-FLIGHT CORRECTION OF AIRCRAFT ALTITUDE TO EFFECTIVELY CARRY OUT AIRCRAFT MISSION REQUIREMENTS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G01C23/00 :NA :NA :NA	(71)Name of Applicant: 1)HINDUSTAN AERONAUTICS LIMITED Address of Applicant: GENERAL MANAGER, MCSRDC DIVISION HINDUSTAN AERONAUTICS LIMITED,
(86) International Application No	:NA	VIMANAPUR POST, BANGALORE - 560 017 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SINGH ABHISHEK
(61) Patent of Addition to Application Number	:NA	2)DUTTA BIPLOB JYOTI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This invention provides a method for the in-flight correction of the Barometric Altitude of an aircraft using pilot inputs from the hand controller, based on cues displayed on a Head Up Display (HUD). For accurately carrying out Aircraft missions, the height of aircraft above the ground and sea-level is to be calculated precisely. The Barometric Altitude generally used, tends to be inaccurate due to the dynamic nature of the local Atmospheric Pressure. This methodology uses the measured barometric altitude and aircraft position, and the altitude and position of a known waypoint for displaying cues on the HUD. The pilot then applies corrections using a hand controller based on the displayed cues to obtain the corrected altitude of the aircraft above the ground and mean sea level.

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

(22) Date of filing of Application :31/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: A NOVEL METHODOLOGY FOR TRAINING THE PILOT ON COCKPIT CONTROLS & DISPLAY SYSTEMS USING ONBOARD FLIGHT PROFILE SIMULATION

(51) International classification	:G09B9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HINDUSTAN AERONAUTICS LIMITED
(32) Priority Date	:NA	Address of Applicant :GENERAL MANAGER, MCSRDC
(33) Name of priority country	:NA	DIVISION HINDUSTAN AERONAUTICS LIMITED,
(86) International Application No	:NA	VIMANAPUR POST, BANGALORE - 560 017 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SINGH ABHISHEK
(61) Patent of Addition to Application Number	:NA	2)DAS SOUVIK KUMAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Training for pilots involve a familiarization with aircraft cockpit control and display systems and system functionalities during various mission scenarios. This is usually achieved by means of ground based simulators. However, the simulators are available at limited locations and not at all places. The invention presents a method for training the pilot on ground on the aircraft cockpit itself by means of onboard flight simulation. A simulation module is invented to compute the aircraft flight path for different phases of aircraft operation - takeoff, cruising, and landing - and to generate the display information for various mission scenarios on the onboard controls and displays.

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

(22) Date of filing of Application :23/09/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: COMBINED BRAKE SYSTEM FOR SADDLE-RIDE TYPE VEHICLE

(51) International classification	:B60T	(71)Name of Applicant:
(31) Priority Document No	:2012-	1)HONDA MOTOR CO., LTD.
(31) Fliolity Document No	213816	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,
(32) Priority Date	:27/09/2012	MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)NAKAMURA, HIRONIRI
Filing Date	:NA	2)TANI, KAZUHIKO
(87) International Publication No	: NA	3)WAKABAYASHI, TAKESHI
(61) Patent of Addition to Application Number	:NA	4)IEDA, YOSHIHISA
Filing Date	:NA	5)NISHIKAWA, YUTAKA
(62) Divisional to Application Number	:NA	6)MUTO, KENJI
Filing Date	:NA	7)HOSODA, WASAKU

(57) Abstract:

To appropriately ensure transmission force or a transmission stroke ratio to an equalizer with respect to control force or stroke of a brake pedal. [Solution] A combined brake system for a saddle-ride type vehicle includes: a brake pedal 30 that includes a pedal arm 31 extending forward beyond a pedal pivot 33 and a transmission arm 32 extending upward beyond the pedal pivot 33 and rotating together with the pedal arm 31; and an equalizer 40 that is coupled to the transmission arm 32 of the brake pedal 30 and that has one end connected to a rear transmission member 70 for transmitting control force to a rear wheel brake BR and the other end coupled to a master cylinder 50 for applying baking force to a front wheel brake BF. In a side view, a swing arm pivot 15p is arranged at a position surrounded with a power unit E from the front, the transmission arm 32 from the rear, the master cylinder 50 from above, and the pedal arm 31 from below.

No. of Pages: 54 No. of Claims: 13

(22) Date of filing of Application :31/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: AN IMPROVED METHOD OF SCHEDULING APERIODIC MIL 1553 MESSAGES

(51) International classification(31) Priority Document No(32) Priority Date	:NA :NA	(71)Name of Applicant: 1)HINDUSTAN AERONAUTICS LIMITED Address of Applicant: GENERAL MANAGER, MCSRDC
(33) Name of priority country(86) International Application No	:NA :NA	DIVISION HINDUSTAN AERONAUTICS LIMITED, VIMANAPUR POST, BANGALORE - 560 017 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SINGH ABHISHEK
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)SANNAPPANAVAR SANDEEP
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to Avionics databus communication between various onboard systems. In particular, it relates to a method of scheduling Mil1553B aperiodic messages for the exchange of data and information by the Bus Controller with the other Remote terminals. The present invention provides an improved method of scheduling the frequent aperiodic messages by the bus controller module by employing the cyclic memory data buffers. In conventional method, aperiodic messages are written directly into the bus controller memory without taking into consideration the execution status of previously available messages in controller memory and hence sometimes leading to loss of these messages. In the present method, frequent aperiodic messages are stored in different cyclic memory buffers and they are copied into the bus controller memory whenever the bus controller completes the execution of previously available messages. Hence the present method schedules aperioidic messages on MH1553 bus without any loss of data.

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

(19) INDIA

(22) Date of filing of Application :31/07/2013

(21) Application No.3434/CHE/2013 A

(43) Publication Date: 06/02/2015

(54) Title of the invention: A NOVEL SYSTEM AND METHOD FOR COMPUTING THE POSITION OF MEMBER AIRCRAFTS IN GROUP AIR FORMATION FLYING AND PROVIDING THE COMPUTED POSITION OF AIRCRAFTS TO MAP GENERATOR MODULE FOR OVERLAY IT IN DIGITAL MOVING MAP DURING THE FLIGHT AND DISPLAY THE SAME ON ONE OF THE COCKPIT DISPLAY SYSTEM

(24) 2	G04 G44 (00	
(51) International classification	:G01C23/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)HINDUSTAN AERONAUTICS LIMITED
(32) Priority Date	:NA	Address of Applicant :GENERAL MANAGER, MCSRDC
(33) Name of priority country	:NA	DIVISION HINDUSTAN AERONAUTICS LIMITED,
(86) International Application No	:NA	VIMANAPUR POST, BANGALORE - 560 017 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SINGH ABHISHEK
(61) Patent of Addition to Application Number	:NA	2)MANI JAYAKUMAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to the computation of planned position of own aircraft and group member aircrafts during formation flight on their respective predetermined flight plans without using any Communication Link. The Aircraft Position Computation System (101) (Refer figure-1) computes the planned position of its own and group member aircrafts, on their respective flight plans, based on the Mission Planning Database Module, Navigation Sensor inputs, and it provides the data to Map Generator Module. The Map Generator Module generates the two dimensional map along with the overlay of Aircrafts position which is computed by the Aircraft Position Computation System (101), for displaying on Cockpit Display System in real time. The system which comprises various processing modules such as Mission Plan Database Module (102), Flight Path and Aircraft Position Computation Module (103), and Data Scheduling Module (104) for message transfer between the Aircraft Position Computation System (101) and Cockpit Display System (CDS), Map Generator Module (MGM) and Navigation Sensors. Figure -1 Aircraft Position Computation System

No. of Pages: 14 No. of Claims: 3

(22) Date of filing of Application :20/09/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: REFLECTOR FOR ULTRAVIOLET STERILIZER FIXTURE

(51) International classification(31) Priority Document No(32) Priority Date	:13/625,198 :24/09/2012	Address of Applicant :182 DIVISION STREET,
(33) Name of priority country (86) International Application No	:U.S.A. :NA	AMSTERDAM, NEW YORK 12010 U.S.A. (72)Name of Inventor:
Filing Date	:NA	1)WILLIAM PALMER
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	2)JOSEPH M. CATTADORIS
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An ultraviolet (UV) germicidal or sterilization fixture having a dual parabolic reflecting assembly for collimating and redirecting UV light. The first pair of parabolic reflectors are positioned to collimate and reflect light emanating from the sides of the UV light source and spaced apart proximately to the rear surface of the UV source to allow light to pass through. The second pair of reflectors are positioned behind the first pair and aligned to capture light passing through the gap formed by the first pair of reflectors and then collimate and redirect the light produced by the rear of the light source out of the front of the fixture.

No. of Pages: 20 No. of Claims: 11

(21) Application No.4310/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :23/09/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: HONEYCOMB STRUCTURE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:Japan :NA	(71)Name of Applicant: 1)NGK INSULATORS, LTD. Address of Applicant: 2-56, SUDA-CHO, MIZUHO-KU, NAGOYA-CITY, AICHI-PREFECTURE 467-8530 Japan 2)HONDA MOTOR CO., LTD. (72)Name of Inventor:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:NA : NA :NA	1)YANASE, HIDETOSHI 2)AOYAMA, TOMOKATSU 3)HATAKEYAMA, YOSHIAKI
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

There are disclosed a honeycomb structure hardly generates ring cracks; and a honeycomb structure 100 includes a honeycomb basal body 4 having porous partition walls 1 defining a plurality of cells 2 to become through channels of a fluid; and a ring-shaped convex portion 10 being a ring of convex portion surrounding an outer periphery of the honeycomb basal body 4 over the whole periphery; and the ring-shaped convex portion 10 is disposed to project outwardly from the outer periphery of the honeycomb basal body 4 and to cover a part of the outer periphery of the honeycomb basal body 4, the shapes of both end portions of the ring-shaped convex portion are tapered shape, and a thickness of the ring-shaped convex portion 10 in a cross section perpendicular to an extending direction of the cells 2 is from 3 to 20 mm.

No. of Pages: 65 No. of Claims: 5

(22) Date of filing of Application :31/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : A METHOD AND SYSTEM FOR CONTROLLING ELECTRICAL POWER OUTPUT OF SOLAR PANEL

(51) International classification	:H01L33	(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
(86) International Application No	:NA	2)Robert Bosch GmbH
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)PARAKKAL Rohit
(61) Patent of Addition to Application Number	:NA	2)DORAIRAJ Hariharakumaran
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system (250) for controlling electrical power output of a one solar panel (100) is disclosed. The system connected between photovoltaic array (101) and a photo voltaic inverter (PVI) (200) comprising: a slave control unit (SCU) (10) associated with each solar panel (100), a master control unit (20) (MCU) associated with PVI (200), said SCU (10) and MCU (20) exchange data to control the output of each solar panel (100). The system characterized in that said MCU (20) comprises an enable signal generator (ENG) (22) to generate an enable signal and SCU (10) comprises a resonant circuit (14) to detect said enable signal received from said MCU (20), wherein said enable signal is used to connect or disconnect each solar panel (100) to the PVI (200), wherein a frequency of the enable signal generated by said ENG (200) matching with a resonance frequency of said resonant circuit (14).

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

(22) Date of filing of Application :20/09/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : METHOD FOR DETERMINING ABNORMALITY OF TEMPERATURE SENSOR AND IMAGE FORMING APPARATUS USING 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 	:NA	(71)Name of Applicant: 1)RICOH COMPANY, LTD. Address of Applicant: 3-6, NAKAMAGOME 1-CHOME, OHTA-KU, TOKYO 143-8555 Japan (72)Name of Inventor: 1)CHANGLI CUI 2)TIANJI XU 3)GUI CHEN
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method for determining abnormality of a temperature sensor and the image forming apparatus, the method comprises: detecting an actual temperature of a fixing apparatus and an input voltage; calculating an actual temperature variation amount in a predetermined-time period; comparing the detected input voltage and a predetermined voltage; comparing the calculated actual temperature variation amount and a first reference temperature variation amount if the input voltage is greater than the predetermined voltage; determining that the temperature sensor is abnormal if the actual temperature variation amount is less than the first reference temperature variation amount; comparing the calculated actual temperature variation amount and a smaller second reference temperature variation amount if the input voltage is egual to or less than the predetermined voltage; determining that the temperature sensor is abnormal if the actual temperature variation amount is less than the second reference temperature variation amount.

No. of Pages: 48 No. of Claims: 14

(22) Date of filing of Application :24/09/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : METHOD FOR PERFORMING CONDITION BASED DATA ACQUISITION IN A HIERARCHICALLY DISTRIBUTED CONDITION BASED MAINTENANCE SYSTEM

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (86) International 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) International Publication Number Filing Date (64) Divisional to Application Number Filing Date (65) NA	1
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(57) Abstract:

A method for accumulating fault condition data from a hierarchical system is presented comprising monitoring an operation of a component with a computing node that includes a processor and a memory. The memory contains a configuration file comprising failure modes (FM), symptoms, tests that identify the symptoms and a corrective action for the symptom. The method further comprises populating at least one of the processor and the memory of the computing node with one or more standardized executable application modules (SEAM) and a workflow service. The one or more SEAMS is configured to create a fault condition record by collecting all FMs that manifest the symptom. For all FMs collected, a list of unique symptoms is produced. Further all tests that can identify the listed unique symptoms and all of the corrective actions associated with the FMs that manifest the symptom are determined from the memory device.

No. of Pages: 55 No. of Claims: 8

(22) Date of filing of Application :24/09/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: MECHANICAL ASSEMBLIES

(51) International classification	:F16D	(71)Name of Applicant :
(31) Priority Document No	:12186868.1	1)GE ENERGY POWER CONVERSION TECHNOLOGY
(32) Priority Date	:01/10/2012	LTD
(33) Name of priority country	:EUROPEAN	rr · · · · · · · · · · · · · · · · · ·
(33) Name of priority country	UNION	WARWICKSHIRE CV21 1BU Germany
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)INGLES, MARTIN RICHARD
(87) International Publication No	: NA	2)EUGENE, JOSEPH
(61) Patent of Addition to Application Number	:NA	3)SWAFFIELD, DAVID JOHN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a mechanical assembly such as a torque transfer strut (1) for a rotating superconducting machine. The torque transfer strut (1) includes a composite tube (42) having a first end that is received in a clamping fitting. The clamping fitting can include an end housing or lug (2), a clamping wedge (18) that is screwed onto a screw-threaded part (8) of the end housing, and an annular clamping member (20) that applies a radial clamping force to the first end of the composite tube (42) when the torque transfer strut (1) is at ambient temperature. The clamping fitting is adapted such that when the torque transfer strut (1) is cooled in use, e.g. a cryogenic temperature, shrinkage of the end housing (2) in the axial direction due to cooling causes the annular clamping member (20) to substantially maintain or increase the radial clamping force. More particularly, the shrinkage of the end housing (2) causes the clamping wedge (18) to apply a progressively increasing radial force to a radially inner member (22) of the annular clamping member (20) to deflect radially outwardly a plurality of circumferentially-spaced axial fingers (32). The first end of the composite tube (42) therefore remains securely clamped between the radially inner member (22) and a radially outer member (24) that together define an annular channel (26) into which the first end of the composite tube is received.

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

(22) Date of filing of Application :24/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: FUEL CELL APPARATUS FOR VEHICLES

(51) International classification	:H01M8/06	(71)Name of Applicant:
(31) Priority Document No	:2012- 135406	1)SUZUKI MOTOR CORPORATION Address of Applicant :300, Takatsuka-cho, Minami-ku,
(32) Priority Date	:15/06/2012	Hamamatsu-shi, Shizuoka-ken, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)Kenji KOBAYASH
Filing Date	:NA	2)Shiro MATSUMOTO
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		<u> </u>

(57) Abstract:

A cowl top 7 includes a tubular peripheral wall 71 provided above a dash panel 104, with its upper portion 73 extending along a lower edge of a front wind shield 105, the upper portion 73 of the peripheral wall 71 having a front communication aperture 75 and a rear communication aperture 76 formed for air communication between atmosphere and the interior of the tubular peripheral wall 71, and a diluter 6 includes an air inlet aperture area 62 communicating with the interior of an air discharge duct 4, an air outlet aperture area 63 communicating with the interior of the tubular peripheral wall 71, and a dilution chamber 61 made up to introduce fuel gas discharged from a fuel cell stack 3, dilute introduced fuel gas with air introduced through the air inlet aperture area 62, and discharge diluted fuel gas through the air outlet aperture area63.

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

(22) Date of filing of Application :29/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : A METHOD TO CLASSIFY NEUTRAL AND EMOTION STATE OF A USER USING PERSONALIZED APPEARANCE MODEL

(51) International classification	:G06T	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Samsung India Software Operations Pvt Ltd
(32) Priority Date	:NA	Address of Applicant :Bagmane Lakeview, Block B, No. 66/1,
(33) Name of priority country	:NA	Bagmane Tech Park, CV Raman Nagar, Byrasandra, Bangalor
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Viswanath Gopalakrishnan
(61) Patent of Addition to Application Number	:NA	2)Chiranjeevi Pojala
Filing Date	:NA	3)Pratibha Moogi
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method for creating a statistical model to detect facial expression of a user in a personalized electronic device when a reference neutral frame of the user is available is disclosed. The method comprises aligning a current shape of a user face to one or more reference neutral frames of the user. Further, the method comprises choosing one or more emotion points on the identified reference shape and extracts emotion patch for one or more selected emotion points identified in the reference shape. Further, the method creates the statistical model from the extracted emotion patches considering one or more reference neutral frames or the stored images. Further, the method determines the facial expression of the user face by computing a distance between the extracted emotion patch in consecutive frames and extracted emotion patch in the statistical model.

No. of Pages: 42 No. of Claims: 14

(21) Application No.4337/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :25/09/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: IMAGE HEATING 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 	:2012- 219160	(71)Name of Applicant: 1)CANON KABUSHIKI KAISHA Address of Applicant: 30-2, SHIMOMARUKO 3-CHOME, OHTA-KU, TOKYO Japan (72)Name of Inventor: 1)HASEGAWA, TAKUYA
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(57) Abstract:

An image heating apparatus includes: a rotatable heating member; a belt unit including an endless belt and first and second supporting members; a detector; a rotating mechanism; and a displacing mechanism for permitting displacement, with rotation of the belt unit by the rotating mechanism, of the first supporting member in a direction of equalizing forces urging the belt toward the rotatable heating member by the first supporting member at widthwise ends of the belt, and for permitting displacement, with rotation of the belt unit by the rotating mechanism, of the second supporting member in a direction of equalizing forces urging the belt toward the rotatable heating member by the second supporting member at the widthwise ends of the belt.

No. of Pages: 120 No. of Claims: 36

(19) INDIA

(22) Date of filing of Application :25/09/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: COMPRESSOR

(51) International classification	:F04B	(71)Name of Applicant:
(21) Deienite December Me	:2012-	1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
(31) Priority Document No	215190	Address of Applicant :2-1, TOYODA-CHO, KARIYA-SHI,
(32) Priority Date	:27/09/2012	AICHI-KEN Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)NISHIDA, KENJI
Filing Date	:NA	2)BANNO, NOBUTOSHI
(87) International Publication No	: NA	3)KONDO, JUN
(61) Patent of Addition to Application Number	:NA	4)KOBAYASHI, TOSHIYUKI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.4338/CHE/2013 A

(57) Abstract:

A compressor is provided with a cylinder block including a cylinder bore, a housing coupled to the end of the cylinder block, and a discharge valve held between the cylinder block and the housing. An end of the cylinder block includes a partition that closes one end of the cylinder bore. The partition includes a bottom portion forming a bottom surface of the cylinder bore. The housing includes an outer wall and an inner wall. The outer wall includes two partition supports that are in contact with parts of the bottom portion. The two partition supports are arranged on opposite sides of the discharge valve and extend toward the inner wall.

No. of Pages: 45 No. of Claims: 4

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : POST-HARVESTING TECHNIQUES FOR ENHANCING NUTRIENTS AND PHYTOCHEMICALS IN A PLANT/PLANT PARTS

(51) International classification	:C12N	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Anuradha Maniyam
(32) Priority Date	:NA	Address of Applicant :# 2365, 1st Floor, 19th Cross
(33) Name of priority country	:NA	Banashankari 2nd Stage, Bangalore 560070, Karnataka, India
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	2)Subbanarashimhan Balasubramanya
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)Anuradha Maniyam
Filing Date	:NA	2)Subbanarashimhan Balasubramanya
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In one aspect of the present invention, a first plant plants having a first compound is harvested. The harvested first plants are placed in container comprising formulated solution, and the formulated solution comprises a second compound and enhancer, for a first period of time. The harvested first plant from the container is removed after the first time period and the first compound and the second compound is extracted from the harvested first plants. In another aspect of present invention, the formulated solution is sprayed to a first plant having first targeted utility component and the formulated solution comprises a second targeted utility component and an enhancer. The first and the second utility components are extracted from the first plant. In one embodiment, the first plant is harvested plants. In another embodiment, the first plant is the standing crop with first time period left for harvesting, and the formulated solution is sprayed at a regular interval in the first time period.

No. of Pages: 60 No. of Claims: 8

(22) Date of filing of Application :29/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: MULTIFILICATION OF ENERGY USING POINT LOAD SYSTEM

(-1)	T00 G0 (00	
(51) International classification	:F03G3/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)PERIASAMY SELVARAJU
(32) Priority Date	:NA	Address of Applicant :B - 1, ANNAI APARTMENT, 162/51,
(33) Name of priority country	:NA	PERIYAR PATHAI, CHOOLAIMEDU, CHENNAI - 600 094
(86) International Application No	:NA	Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)PERIASAMY SELVARAJU
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The gravitational force on any mass can be converted into mechanical/electrical energy by Point Load System (PLS). The configuration of this system consists of an input unit, a conversion unit and an output unit. The input unit has an electric motor (or Energy) and a clutch operated coupling device. The conversion unit converts the input energy into centrifugal force to operate the pedal which in turn drives the crank shaft. Crank shaft (7) with its fly wheel (18) in turn delivers the required amount of torque to drive the output unit. Output unit (12) will have a coupling device along with the alternator to generate electricity/ energy. The system multiplies the input energy many fold and delivers as output in such a way that using some units of input energy (for angular momentum) for angular movement of arms with weight from survival level or life level (13) which is extended from point contact of weight (mass) (1) to induce angular momentum on point load (weight) for hitting crank pedal (4) to produce sufficiently more torque (energy) as output energy, which is multiple units of input energy, i.e. In this point load system(PLS) some units of input energy can be multiplied into more reasonable units of output energy as mechanical/electrical energy by using gravitational force(weight).

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

(22) Date of filing of Application :30/09/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: MOULDINGS BASED ON REACTION PRODUCTS OF POLYOLS AND ISOCYANATES

(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 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (83) Name of priority country EPO (84) International Publication No (87) International Publication No (88) International Publication No (89) International Publication No (90) International Publication Number Filing Date (91) NA (92) NA (93) NA (94) NA (95) NA (96) NA (97) NA (97) NA (98) NA	1)EVONIK INDUSTRIES AG Address of Applicant RELLINGHALISER STRASSE 1-11
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(57) Abstract:

The present invention relates to moulding compositions comprising the following components: a) one or more polyisocyanates, b) one or more polyols, c) one or more catalysts catalysing the reaction between polyisocyanate and polyol and d) one or more pyrogenically produced oxides of a metal or of a metalloid, characterized in that the moulding composition comprises, as further component, e) at least one or more siloxanes, mouldings obtainable with use of the said moulding compositions, and also a process for the production of the mouldings.

No. of Pages: 40 No. of Claims: 16

(22) Date of filing of Application :30/09/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: FACSIMILE APPARATUS AND METHOD OF CONTROLLING THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:2012- 245633	(71)Name of Applicant: 1)CANON KABUSHIKI KAISHA Address of Applicant: 30-2, SHIMOMARUKO 3-CHOME, OHTA-KU, TOKYO Japan (72)Name of Inventor: 1)INOUE, KATSUHIRO
(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	

(57) Abstract:

A facsimile apparatus capable of connecting to multiple lines including a first line and a second line, and a method of controlling the same are provided. If a user designates the first line or the second line as a line to be used for image data transmission, the image data is transmitted via the designated line, and if the user designates that the line to be used for the image data transmission is to be automatically selected, image data transmission is performed via the first line. In the case where the image data is not able to be transmitted via the first line, if switching from the first line to the second line is set to be enabled, image data is transmitted via the second line, and if the switching is not set to be enabled, the image data is not transmitted via the second line.

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

(22) Date of filing of Application :08/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: METHOD AND DEVICE FOR DELAYED RELEASE OF TEMPORARY BLOCK 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 No (61) Patent of Addition to Application Number Filing Date (22) Divisional to Application Number 	:31/10/2011 :WO 2012/055375 :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)YANG Kai
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The embodiments of the present invention provide a method and device for delayed release of a TBF. The method includes: setting a delayed release time of a TBF connection according to the network load of a cell and/or the packet service type carried by the TBF connection; the TBF connection entering a delayed release state after data transmission through the TBF connection is completed; and releasing the TBF connection at the network side if the duration of the delayed release state of the TBF connection reaches t. The method or device provided by the embodiments of the present invention can use the network resources more effectively.

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

(21) Application No.3808/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application: 14/05/2013 (43) Publication Date: 06/02/2015

(54) Title of the invention: CONTINUOUS ADMINISTRATION OF L DOPA DOPA DECARBOXYLASE INHIBITORS CATECHOL O METHYL TRANSFERASE INHIBITORS AND COMPOSITIONS FOR SAME

 $: A61K9/08, A61K31/195, A61K31/198 \bigg| \textbf{(71)} \textbf{Name of Applicant:} \\$ (51) International classification

(31) Priority Document No :61/413637

(32) Priority Date :15/11/2010

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

country

(86) International :PCT/IL2011/000881 Application No

:15/11/2011 Filing Date

(87) International

:WO 2012/066538 Publication No

(61) Patent of Addition to

:NA **Application Number** :NA Filing Date

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

1)NEURODERM LTD

Address of Applicant: 3 Golda Meir Street Weizmann Science

Park 74036 Ness Ziona Israel (72)Name of Inventor:

1)YACOBY ZEEVI Oron

2)NEMAS Mara

(57) Abstract:

Provided herein in part is a method of treating a neurological or movement disorder in a patient in need thereof comprising subcutaneously administering to said patient a pharmaceutically acceptable composition comprising levodopa and optionally carbidopa and optionally entacapone or tolcapone or pharmaceutically acceptable salts thereof wherein said composition is administered substantially continuously and compositions that can be used in the disclosed methods.

No. of Pages: 52 No. of Claims: 47

(21) Application No.3809/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :15/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: DEPTH ESTIMATION BASED ON GLOBAL MOTION

(51) Intermedian 1 -1: Carting	CO(T7/00	(71)NJ C A I' 4
(51) International classification	:G06T7/00	(71)Name of Applicant:
(31) Priority Document No	:12/953310	1)QUALCOMM Incorporated
(32) Priority Date	:23/11/2010	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/US2011/061962	(72)Name of Inventor:
Filing Date	:22/11/2011	1)ZHANG Rong
(87) International Publication No	:WO 2012/074852	2)CHEN Ying
(61) Patent of Addition to Application	:NA	3)KARCZEWICZ Marta
Number	*	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This disclosure describes techniques for estimating a depth of image objects for a two dimensional (2D) view of a video presentation. For example a plurality of feature points may be determined for a 2D view. The plurality of feature points may be used to estimate global motion e.g. motion of an observer (e.g. camera) of the 2D view. For example the plurality of feature points may be used to generate a global motion frame difference. The global motion frame difference may be used to create a depth map for the 2D view which may be used to generate an alternative view of the video presentation that may be used to display a three dimensional (3D) video presentation.

No. of Pages: 66 No. of Claims: 40

(21) Application No.4220/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :28/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: FILAMENTOUS FUNGI AND METHODS FOR PRODUCING ISOPRENOIDS

(51) International classification	:C12N1/15,C12P23/00,C12R1/77	(71)Name of Applicant :
(31) Priority Document No	:61/408679	1)NOVOZYMES A/S
(32) Priority Date	:01/11/2010	Address of Applicant :Krogshoejvej 36 DK 2880 Bagsvaerd
(33) Name of priority country	:U.S.A.	Denmark
(86) International Application No Filing Date	:PCT/US2011/058700 :01/11/2011	(72)Name of Inventor : 1)HOHN Thomas M.
(87) International Publication No	:WO 2012/061331	
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to the production of a isoprenoid products from a lignocellulosic feedstock. Specifically at least triple mutant of filamentous fungi having the isoprenoid pathway results in production of isoprenoid products in commercial quantities. One embodiment of the invention relates to producing the isoprenoid products at the site of the lignocellulosic feedstock to reduce costs of shipping the feedstock.

No. of Pages: 40 No. of Claims: 29

(22) Date of filing of Application :27/09/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: APPARATUS AND METHOD FOR SPUTTERING A TARGET USING A MAGNET UNIT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C23C :1-2012- 0119885 :26/10/2012 :Republic of Korea :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)ACE TECHNOLOGIES CORPORATION Address of Applicant: 24B-5L, 451-4, NONHYEON-DONG, NAMDONG-GU, INCHEON-SI 405-849 Republic of Korea (72)Name of Inventor: 1)KIM, MYOUNG-HO 2)JUNG, MYUNG-JOON
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(57) Abstract:

A sputtering apparatus and method are disclosed which can reduce deviations in the deposition thickness on the target object. The sputtering apparatus may include a chamber body and a targeting module. The targeting module may be positioned inside the chamber body and may include a source and at least one magnet unit, where the magnet unit may be configured to generate a magnetic field. Here, the magnet unit can be made to swing during a sputtering process.

No. of Pages: 22 No. of Claims: 12

(22) Date of filing of Application :01/10/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: ELECTROMAGNETIC TIMEPIECE MOTOR AND METHOD OF MANUFACTURING THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G04B :12187676.7 :08/10/2012 :EPO :NA :NA	l '
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	2)BETTELINI, MARCO

(57) Abstract:

An electronic timepiece movement including a timepiece motor formed by an assembly (3) comprising a frame (6) made of non-magnetic material and a rotor (4) housed in said frame; and method of manufacturing a motor of this type wherein the frame is first made with a lateral aperture (28), said frame including a first part (20) and a second part (22) each carrying a bearing, the first part or the first and second parts of the frame being elastically deformable. Next, the rotor is mounted in the frame through the lateral aperture therein by increasing the distance between the two bearings of the frame via the elastic deformation of the first part or of the first and second parts of said frame, said elastic deformation being provided in particular for the insertion of the two rotor pivots into the two respective bearings of the pre-formed frame.

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

(21) Application No.2792/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :26/06/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: FASTENED STRUCTURE

(31) Priority Document No :2012- 146867	(71)Name of Applicant: 1)CANON KABUSHIKI KAISHA Address of Applicant: 30-2, SHIMOMARUKO 3-CHOME, OHTA-KU, TOKYO Japan (72)Name of Inventor: 1)SUGIYAMA, TADAHISA 2)NAGASAKI, TSUYOSHI
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(57) Abstract:

A fastened structure comprising: a first member provided with a female screw; a second member provided with an opening; and a male screw fastening the first member and the second member with each other and including a male screw portion, and a head portion having a bearing surface, wherein the male screw portion is threaded in the female screw through the opening of the second member, wherein the second member is provided with a substantially circular folded portion including a curved surface defining the opening and including a free end having an edge pressed against the bearing surface of the male screw.

No. of Pages: 37 No. of Claims: 12

(22) Date of filing of Application :01/08/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: METHOD AND SYSTEM FOR GENERATING HOST KEYS FOR STORAGE DEVICES

(51) International classification	: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		Constellation Business Park, Outer Ring Road, Doddanakundi
Filing Date	:NA	Circle, Marathahalli Post, Bangalore -560037, Karnataka, India
(87) International Publication No	: NA	Karnataka India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SINGH, Banmeet
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method of generating one or more host key sets for one or more host devices is described. The method comprises generating one or more node key sets for one or more ancestor nodes in a data structure, identifying one or more common ancestor nodes for one or more leaf nodes, and storing one or more node key sets corresponding to one or more common ancestor nodes in a temporary storage medium and generating one or more node key sets for one or more leaf nodes in the data structure by using the one or more node key sets of the ancestor nodes.

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

(21) Application No.4374/CHE/2013 A

(19) INDIA

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

(43) Publication Date: 06/02/2015

(54) Title of the invention: RECORDING MEDIUM

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:2012- 226148	(71)Name of Applicant: 1)CANON KABUSHIKI KAISHA Address of Applicant: 3-30-2, SHIMOMARUKO, OHTA-KU, TOKYO Japan (72)Name of Inventor: 1)NITO, YASUHIRO
Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:NA : NA :NA	2)KAMO, HISAO 3)HATTA, NAOYA
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A recording medium includes, in sequence, a support; a first ink-receiving layer including an inorganic particle, a water-soluble polymer having a hydroxyl group, and a boric acid compound; and a second ink-receiving layer including an inorganic particle, a water-soluble polymer having a hydroxyl group, and a boric acid compound. The second ink-receiving layer does not include the water-soluble polymer not having the hydroxyl group, or the second ink-receiving layer includes the water-soluble polymer not having the hydroxyl group but the content of the water-soluble polymer not having the hydroxyl group relative to that of the inorganic particle in the second ink-receiving layer is smaller than the content of the water-soluble polymer not having the hydroxyl group relative to that of the inorganic particle in the first ink-receiving layer.

No. of Pages: 49 No. of Claims: 8

(22) Date of filing of Application :01/10/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: REACTIVE POWER COMPENSATOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H02J3/00 :1259477 :05/10/2012 :France :NA :NA	(71)Name of Applicant: 1)SCHNEIDER ELECTRIC INDUSTRIES SAS Address of Applicant: 35, RUE JOSEPH MONIER, F-92500 RUEIL MALMAISON France (72)Name of Inventor: 1)FOLLIC, STEPHANE
(87) International Publication No	: NA	2)ORBAN, REMY
(61) Patent of Addition to Application Number	:NA	3)URANKAR, LIONEL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Reactive power compensator (1) for a three-phase network (4) having a first phase (6), a second phase (7) and a third phase (8), the compensator (1) comprising an assembly (24) of capacitor(s) (C1, C2, C3), at least two electromechanical contactors (CT1, CT2) electrically connected to the assembly (24) of capacitor(s) (C1, C2, C3), each contactor (CT1, CT2) comprising at least one upstream power terminal (18) and at least one downstream power terminal (20), an electric current being suitable for circulating between the upstream and downstream power terminals (18, 20) in the closed position of the contactor (CT1, CT2), a first contactor (CT1) being suitable for being connected to the first phase (Ph1) and a second contactor (CT2) being suitable for being connected to the third phase (Ph3), means (33) for measuring the voltage between the upstream and downstream power terminals (18, 20) of at least one electromechanical contactor (CT1, CT2), and means (36, 38) for controlling the electromechanical contactors (CT1, CT2) according to a predetermined control algorithm. The control algorithm for this reactive power compensator (1) comprises the closure of a respective electromechanical contactor (CT1, CT2) for a substantially zero voltage (UAC> UBD) between the upstream and downstream power terminals (18, 20) thereof, and the opening of a respective electromechanical contactor (CT1, CT2) for a substantially minimum power value of the capacitor(s) (C1, C2, C3) to which said contactor (CT1, CT2) is connected.

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

(22) Date of filing of Application :21/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: EXTRACTION BUFFER FOR ISOLATION OF RNA AND USES THEREOF

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ITC LIMITED
(32) Priority Date	:NA	Address of Applicant :ITC Limited, ITC Life Sciences &
(33) Name of priority country	:NA	Technology Centre, #3, 1st Main, Peenya Industrial Area, Phase 1,
(86) International Application No	:NA	Bangalore 560058 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)UNNIKRISHNAN, Boby Vattekkattu
(61) Patent of Addition to Application Number	:NA	2)SHANKARANARAYANA, Gurumurthy Demlapura
Filing Date	:NA	3)THALIYAKULA, Suribabu
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		·

(57) Abstract:

The present invention relates to an extraction buffer, method and kit for isolation of RNA. The extraction buffer, method and kit of the present invention are especially useful for isolating RNA from plant specimens comprising high content of phenolics and polysaccharides. The present invention provides a cost effective and short method for high throughput RNA isolations.

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

(22) Date of filing of Application :26/06/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : SYSTEM AND METHOD FOR SECURELY MANAGING ENTERPRISE RELATED APPLICATIONS AND DATA ON PORTABLE COMMUNICATION DEVICES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G06F17/00 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)COGNIZANT TECHNOLOGY SOLUTIONS INDIA PVT. LTD. Address of Applicant :TECHNO COMPLEX, NO. 5/535, OLD MAHABALIPURAM ROAD, OKKIYAM THORAIPAKKAM, CHENNAI 600 097 Tamil Nadu India
 (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	(72)Name of Inventor : 1)AMBAPRASAD GUDIPATI

(57) Abstract:

A system and computer-implemented method for securely managing enterprise related applications and associated data on one or more portable communication devices is provided. The system comprises one or more appboxes, residing on the one or more portable communication devices, configured to secure, monitor and collect information related to at least one of: one or more applications and associated data and the one or more portable communication devices. The system further comprises a server configured to facilitate one or more administrators to monitor and manage overall functionality of at least one of: the one or more applications and associated data and the one or more portable communication devices using the collected information.

No. of Pages: 60 No. of Claims: 23

(22) Date of filing of Application :02/08/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: IMPROVED DEVICE FOR DISPERSING OR COLLECTING FLUIDS

(51) International classification	:G01N33	(71)Name of Applicant:
(31) Priority Document No	:NA	1)GUNASHEKAR VUPPALAPATI
(32) Priority Date	:NA	Address of Applicant :D1202, JARDINE BLOCK, BRIGADE
(33) Name of priority country	:NA	GARDENIA, RBI LAYOUT, JP NAGAR 7TH PHASE,
(86) International Application No	:NA	BANGALORE 560078, KARNATAKA, INDIA.
Filing Date	:NA	2)ERIC W B DIAS
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)GUNASHEKAR VUPPALAPATI
Filing Date	:NA	2)ERIC W B DIAS
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A improved device for dispersing or collecting fluids, comprising an elongated hollow rigid tube 210 comprising a hub 220 at one end, wherein the hub 220 is configured to be attached to an storage means for storing or collecting fluid, an sharp tip 230 diametrically opposite to the hub 220 of the hollow rigid tube 210, wherein the sharp tip 230 is capable of piercing tissue, wherein the tissue may be hard or soft; and the hollow rigid tube 210 comprises a plurality of openings 240 through which fluid may be dispersed or collected to the means for storing or collecting fluid.

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

(21) Application No.4415/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :30/09/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: UTILITY BASED BACKUP MANAGEMENT

(51) International classification (31) Priority Document No	:H02J :13/647,853	(71)Name of Applicant : 1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:09/10/2012	,
(33) Name of priority country	:U.S.A.	NEW YORK 12345 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)LOSEE, MARC KARL
(87) International Publication No	: NA	2)MEADOWS, VERNON
(61) Patent of Addition to Application Number	:NA	3)MASSEY, JERRY STEVEN
Filing Date	:NA	4)ARVIND, KAMAL KUMAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A device includes a network interface configured to receive one or more preferences of a consumer related to the charging of at least one backup device of the consumer. The device includes a processor configured to utilize the one or more consumer preferences to generate a charging schedule of the at least one backup device and generate one or more charging notifications for charging the at least one backup device, wherein the one or more charging notifications are based on the charging schedule.

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

(22) Date of filing of Application :30/09/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: METHOD FOR HIGH FIDELITY MODELING OF AN AIRCRAFT ELECTRICAL 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 Filing Date 	:13/647,671 :09/10/2012 :U.S.A. :NA :NA :NA :NA	,
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method of high fi delity modeling an electrical power system of an aircraft, includes among other things, identifying electrical, mechanical, thermal, and EMI characteristics of the electrical power system; applying at least one circuit-based solver to model to at least one of the electrical characteristics; and applying, simultaneously with the circuit-based solver and in real-time, a field-based solver to model the remaining electrical, mechanical, thermal, and EMI characteristics.

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

(22) Date of filing of Application :04/10/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: IMAGE SENSOR AND IMAGE CAPTURING APPARATUS

(51) International classification	:G02B27/00	(71)Name of Applicant:
(31) Priority Document No	:2012- 232334	1)CANON KABUSHIKI KAISHA Address of Applicant :30-2, SHIMOMARUKO 3-CHOME,
(32) Priority Date	:19/10/2012	OHTA-KU, TOKYO Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)FUKUDA, KOICHI
Filing Date	:NA	
(87) 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		•

(57) Abstract:

An image sensor includes a plurality of image forming pixels which receive light beams passing through an imaging pupil area of an imaging optical system, a plurality of first focus detecting pixels which receive light beams passing through a first pupil area smaller than the imaging pupil area, and a plurality of second focus detecting pixels which receive light beams passing through a second pupil area smaller than the imaging pupil area. The geometric centre of the first pupil area differs from the geometric centre of the second pupil area. The eccentricity of the microlens of the first focus detecting pixel relative to the center of the pixel differs from the eccentricity of the first focus detecting pixel relative to the center of the microlens of the image forming pixel adjacent to the first focus detecting pixel.

No. of Pages: 64 No. of Claims: 7

(22) Date of filing of Application :30/09/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: METHOD OF GENERATING LUMINIOUS RADIATION AND THE CIRCUIT ARRANGEMENT OF A LIGHT-EMITTING DIODE OF A SOURCE OF RADIATION IN AN OPTICAL SENSOR FOR MONITORING LINEAR TEXTILE MATERIAL

Filing Date :NA (62) Divisional to Application Number :NA	(62) Divisional to Application Number	:Czech Republic :NA :NA : NA :NA :NA	(71)Name of Applicant: 1)RIETER CZ S.R.O. Address of Applicant: MORAVSKA 519, 562 01, USTI NAD ORLICI Czech Republic (72)Name of Inventor: 1)STUSAK, MIROSLAV
Filing Date :NA			

(57) Abstract:

Method of generating luminous radiation and the circuit arrangement of a light-emitting diode of a source of radiation in an optical sensor for monitoring linear textile material. The invention relates to a method of generating luminous radiation for monitoring linear textile material, in which the source of luminous radiation is a light-emitting diode (1). During the process of generating luminous radiation the influence of the temperature of the light-emitting diode (1) on the intensity of this luminous radiation is eliminated, thus maintaining its constant intensity. The invention also relates to the circuit arrangement of the light-emitting diode (1), in which the anode of the light-emitting diode (1) is connected to the outlet of an operational amplifier (2) and the cathode of the light-emitting diode (1) there are connected in parallel a first resistor (R1), which is connected between the anode of the light-emitting diode (1) and the negative inlet of the operational amplifier (2), and a second resistor (R2), which is connected between the cathode of the light-emitting diode (1) and the negative inlet of the operational amplifier (2), and where the positive inlet of the operational amplifier (2) is connected to the voltage (Ui) for setting the operating point of the radiation source.

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

(21) Application No.4428/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :30/09/2013 (43) Publication Date : 06/02/2015

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

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date :20 22 22 23 24 25 27 28 29 29 20 20 20 21 21 22 22 22 22 23 24 25 26 27 28 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20	2)MINORU MERA 3)SHINICHI OKUYAMA 4)TATSUYA HORIBA A
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(57) Abstract:

A motor-driven compressor includes an electric motor (19), a compression unit (18), a lead wire (30), a connection terminal (51a), a cluster block (51), a housing (11), a motor drive circuit (40), a conductive terminal (43), and a coupling member (61). The lead wire (30) is extended from a coil end (29e, 29f) of the stator (25). The connection terminal (51a) is electrically connected to the lead wire (30). The cluster block (51) accommodates the connection terminal (51a). The conductive terminal (43) electrically connects the connection terminal (51a) and the motor drive circuit (40). The coupling member (61) is arranged between the stator (25) and the cluster block (51). The cluster block (51) is coupled to the stator (25) by the coupling member (61). The coupling member (61) is configured to change an coupling position of the cluster block (51) relative to the stator (25) so that the connection terminal (51a) faces the conductive terminal (43).

No. of Pages: 39 No. of Claims: 15

(22) Date of filing of Application :10/10/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : PROCESS FOR ISOMERIZING AN AROMATIC C8 CUT IN THE PRESENCE OF A CATALYST BASED ON AN EUO ZEOLITE AND A PARTICULAR SODIUM CONTENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:C07C :12/03.064 :15/11/2012 :France :NA :NA : NA	(71)Name of Applicant: 1)IFP ENERGIES NOUVELLES Address of Applicant: 1 & 4 AVENUE DE BOIS-PREAU, 92852 RUEIL-MALMAISON CEDEX France (72)Name of Inventor: 1)GUILLON, EMMANUELLE 2)BRANDHORST, LAURE
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

The present invention concerns a process for isomerizing an aromatic cut containing at least one aromatic compound containing eight carbon atoms per molecule, comprising bringing said cut into contact with a catalyst containing a zeolite with structure type EUO, said catalyst having been prepared in accordance with a process comprising at least the following steps: i) using at least one zeolite with structure type EUO having an overall Si/Al atomic ratio in the range 5 to 45, a sodium content in the range 500 to 5000 ppm by weight, with a Na/Al ratio in the range 5% to 20% by mole; ii) preparing a support by shaping said zeolite with a matrix such that the zeolite content is in the range 8% to 15% by weight with respect to the support; iii) depositing at least one metal from group VIII of the periodic classification of the elements onto said support or onto said zeolite; the order of carrying out said steps ii) and iii) being immaterial following said step i), such that the catalyst contains a final sodium content in the range 75 to 600 ppm by weight.

No. of Pages: 22 No. of Claims: 18

(19) INDIA

(22) Date of filing of Application: 14/05/2013 (43) Publication Date: 06/02/2015

(54) Title of the invention: THERMOREVERSIBLY CROSS LINKED GRAFT POLYMERS

(51) International

:C08C19/20,C08C19/22,C08C19/30

classification

(31) Priority Document No :10 59 335

(32) Priority Date (33) Name of priority country: France

:12/11/2010

(86) International Application :PCT/IB2011/054974 :08/11/2011

Filing Date

(87) International Publication: WO 2012/063197

No

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

Filing Date

(57) Abstract:

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)TOTAL RAFFINAGE MARKETING

(21) Application No.3804/CHENP/2013 A

Address of Applicant :24 Cours Michelet F 92800 Puteaux

2)CENTRE NATIONAL DE LA RECHERCHE

SCIENTIFIOUE

(72)Name of Inventor:

1)HARDERS Sylvia 2)LEIBLER Ludwik

3)ILIOPOULOS Ilias

4)PREVOST Julie

The present invention relates to a graft polymer PG including a polymer backbone P and at least one side graft G linked to the polymer backbone the graft G having the general formula (1): in which R and R represent separately from one another straight or branched unsaturated or saturated hydrocarbon groups such that the total number of carbon atoms in groups R and R is between 2 and 110; X represents an amide amino acid urea or urethane function said graft G being linked to said polymer backbone P via the sulphur atom. The graft polymer PG is a polymer that allows thermoreversible cross linking. The graft polymer PG can be used in many fields such as coatings paints thermoplastics adhesives lubricants fuels inks cements construction materials rubbers and bitumens. The graft polymer PG can be used in particular for thermoreversibly cross linking bitumen/polymer compositions and thus for reducing coating spreading and/or compaction temperatures during the production of bituminous coated materials.

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

(21) Application No.3889/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :16/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : APPARATUS AND SYSTEM FOR REVEALING GRAPHICAL ITEMS ON A MULTI TOUCH INTERFACE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G07F17/32 :12/917744 :02/11/2010 :U.S.A. :PCT/IB2011/003047 :02/11/2011 :WO 2012/059822 :NA :NA	(71)Name of Applicant: 1)NOVOMATIC AG Address of Applicant:Weiner Strasse 158 A 2352 Gumpoldskirchen Austria (72)Name of Inventor: 1)HOMER Alois
- 1,0,000	:NA :NA :NA	

(57) Abstract:

A card gaming apparatus having a multi touch interface including multiple user areas each user area is touch sensitive and includes a display for displaying a graphical item having a value the graphical item being displayable in a first state where the value is viewable and a second state where the value is hidden from view the multi touch interface being adapted to detect touch. The apparatus includes a means for determining if the touch is caused by a human hand of a particular user based on the detection of a curved pattern of multiple points of contact which have a particular orientation a first component indicative of touch from a distal phalanx a second component indicative of a middle phalanx and a third component indicative of a proximal phalanx and a forth component indicative of a hypothenar of a human hand. In one embodiment the distance between an end point on the hypothenar and an end point on the distal phalanx are detected to determine whether the touch is from a human hand and to determine the orientation of the hand.

No. of Pages: 28 No. of Claims: 13

(22) Date of filing of Application :26/09/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: MATRIX CONVERTER

(31) Priority Document No (32) Priority Date (33) Name of priority country (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	(71)Name of Applicant: 1)KABUSHIKI KAISHA YASKAWA DENKI Address of Applicant:2-1, KUROSAKI-SHIROISHI, YAHATANISHI-KU, KIYAKYUSHU-SHI, FUKUOKA 806- 0004 Japan (72)Name of Inventor: 1)KOTARO TAKEDA 2)EIJI WATANABE 3)TAKASHI TANAKA 4)KENTARO INOMATA 5)HIDENORI HARA 6)TAKUYA NAKA 7)WATARU YOSHINAGA
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(57) Abstract:

a power conversion unit provided between an AC power supply and a rotational machine; and a controller for performing power conversion control therebetween by controlling the power conversion unit. The power conversion unit includes multiple bidirectional swi ching element and at least one second directional switching element. Further, the controller includes a first drive control unit performing the power conversion by simultaneously turning on both of the first directional switching element and the second directional switching element, and a second drive control unit performing the power conversion by turning on one of the first directional switching element and the second directional switching element.

No. of Pages: 94 No. of Claims: 18

(21) Application No.4621/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :14/10/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : MANITENANCE SYSTEM FOR AIRCRAFT FLEET AND METHOD FOR PLANNING MAINTENANCE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:13/666,394 :01/11/2012 :U.S.A. :NA :NA : NA	'
(87) International Publication No(61) Patent of Addition to Application Number Filing Date	: NA :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method (100) of planning maintenance for a fleet of aircraft that includes identifying a maintenance schedule having at least one routine maintenance action for an aircraft to be maintained (102), generating a non-routine maintenance task schedule comprising non-routine maintenance tasks (104), and generating a combined schedule comprising a combination of the maintenance schedule and the non-routine maintenance task schedule (106) and a maintenance system for planning maintenance.

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

(22) Date of filing of Application :31/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: COATED BUS BAR AND ASSOCIATED METHOD

(51) International classification	·C25D	(71)Nama of Applicant
		(71)Name of Applicant:
(31) Priority Document No	:NA	1)VALEO INDIA PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :Block-A. 4th Floor, TECCI Park, Old
(33) Name of priority country	:NA	No. 285, New No. 173, Rajiv Gandhi Salai, (OMR),
(86) International Application No	:NA	Sholinganallur, Chennai-600 119, Tamil Nadu, India Tamil Nadu
Filing Date	:NA	India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)Prakash SHANMUGASUNDARAM
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention refers to a method for applying electrical isolating coating on a conductive element of a bus bar destined to be installed in a motor vehicle wherein the coating step comprises: - dipping an anode and a cathode in a bath of electrolyte comprising Nickel sulfate, Nickel Chloride, Boric acid and Alumina powder, the anode being made of nickel, the cathode being made of the conductive element of the bus bar, and - an electroplating process comprising flowing a current between the anode and the cathode so that a composite coating comprising a mixture of Nickel and Alumina is plated on the conductive element.

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

(22) Date of filing of Application :31/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : SYSTEM AND METHOD FOR LEVEL-TOSS BOMBING FOR AIR-TO-SURFACE UNGUIDED WEAPON FROM FIGHTER AIRCRAFT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A63B :NA :NA :NA :NA	(71)Name of Applicant: 1)HINDUSTAN AERONAUTICS LIMITED Address of Applicant: GENERAL MANAGER, MCSRDC DIVISION HINDUSTAN AERONAUTICS LIMITED, VIMANAPUR POST, BANGALORE - 560 017 Karnataka India
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 :NA :NA	(72)Name of Inventor: 1)KELKAR SHASHIKALA AMBALBETTU 2)KUMAR PRASHANT

(57) Abstract:

This invention provides a system and method for real time computation of horizontal range by the Weapon Aiming System 100 for level toss bombing for air-to-surface unguided weapon during continuously computed Release Point (CCRP) from fighter aircraft taking into account the increase in the height and along distance i.e. horizontal range as a result of pull-up of the aircraft. The method provides the availability of the toss solution prior to release of the weapon to perform level-toss. This invention also provides the method to display on Head Up Display (HUD) the toss cue by providing acceleration guidance for performing level-toss.

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

(22) Date of filing of Application :02/08/2013

(43) Publication Date: 06/02/2015

(54) Title of the invention: SYSTEM AND PROCESS FOR CONVERSION OF HEAVY OIL INTO LIGHTER FRACTIONS

		(71)Name of Applicant:
		1)HINDUSTAN PETROLEUM CORPORATION LIMITED
		Address of Applicant :1st Floor, Adarsh Eco Place, 176 EPIP
		11
		Kundenahalli Hobli, Whitefield, Bangalore - 560066, India Karnataka India
(51) Indomedia and alreading	.0100	2)COUNCIL OF SCIENTIFIC AND INDUSTRIAL
(51) International classification		RESEARCH
(31) Priority Document No	:NA	(72)Name of Inventor:
(32) Priority Date	:NA	1)KOTAGIRI Murali
(33) Name of priority country	:NA	2)GANDHAM Sri Ganesh
(86) International Application No	:NA	3)KUMAR Pramod
Filing Date	:NA	4)KUMAR Madan K
(87) International Publication No	: NA	5)PATHARE Sunil Vishwas
(61) Patent of Addition to Application Number	:NA	6)PAUA Payal
Filing Date	:NA	7)SARKAR Pinaki
(62) Divisional to Application Number	:NA	8)DATTA Sudipta
Filing Date	:NA	9)CHAVAN Prakash Dhondiram
8 – ****		10)SINHA Awadhesh Kumar
		11)BHATTACHARJEE Ujjal
		12)CHOUDHURY Ashim
		13)RAO Sukuru Ramakrishna
		14)SAHU Santi Gopal
		15)SAHA Sujan 16)SAHU Gajanan

(57) Abstract:

A system (100) and method for conversion of heavy oil into lighter fractions are provided. The system (100) includes a first reactor (108), a second reactor (110), a cooler (114) and a separator (116). The first reactor (108) is configured to heat a reaction mixture, wherein the reaction mixture comprises the heavy oil, catalyst, water and hydrogen donor solvent. The second reactor (110) is configured to heat the reaction mixture obtained from the first reactor (108), thereby obtaining resultant effluent. The cooler (114) is configured to cool and condense the resultant effluent, and the separator (116) is configured to separate the cooled and condensed effluent into liquid and gaseous products.

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

(22) Date of filing of Application :08/10/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: SYSTEM AND METHOD OF PROVIDING MONITORING SERVICE ON DEMAND

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H04W :13/661,074 :26/10/2012 :U.S.A. :NA :NA	l '
(87) International Publication No(61) Patent of Addition to Application Number Filing Date	: NA :NA :NA	1)KENNETH L. ADDY
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A regional security system can be operated in an unmonitored state, a locally monitored state or a remotely monitored state. Monitoring by a displaced monitoring service can be provided on demand, in the absence of a pre-established account, for intermittent time intervals as needed. The request for activation of the displaced monitoring service can be entered via wireless communications devices such as smart phones, computers, tablets, smart cards or the like, along with scheduling information and duration of the requested monitoring. Such monitoring can also be terminated from any one of such devices.

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

(19) INDIA

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

(21) Application No.4637/CHE/2013 A

(43) Publication Date: 06/02/2015

(54) Title of the invention: WIPER BLADE

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (86) Divisional to Application Number Siling Date (87) International Publication No (88) International Publication No (89) International Publication No (80) Patent of Addition to Application Number Filing Date (81) Priority Document No SiRepublication No SiNA Siling Date Siling Date	1)KCW CORPORATION Address of Applicant :400-86, GALSAN-DONG, DALSEO- OLZ GU, DAEGU Republic of Korea (72)Name of Inventor:
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(57) Abstract:

Disclosed is a wiper blade which includes a wiper strip 10 which wipes a wiping surface; and a lever unit 20 which supports the wiper strip 10. The lever unit 20 includes: a main lever 30 which is connected to a wiper arm; at least one pair of yoke levers 50 which supports wiper strip 10; and a pair of first auxiliary levers 40 which is relatively rotatably coupled to the yoke levers 50 respectively and is coupled to the main lever 30. Both ends of the main lever 30 include a coupling portion 33 in which a hinge recess 34 is formed. The first auxiliary lever 40 includes a hinge shaft 41 which is inserted and fixed to the hinge recess 34. The hinge shaft 41 has a tapered cross section in a longitudinal direction of the wiper blade 1.

No. of Pages: 38 No. of Claims: 20

(21) Application No.4529/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :07/10/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: YARN GUIDING-OUT DEVICE AND YARN WINDING MACHINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B65H :2012- 285714 :27/12/2012 :Japan :NA :NA	(71)Name of Applicant: 1)MURATA MACHINERY, LTD. Address of Applicant: 3 MINAMI OCHIAI-CHO, KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO 601-8326 Japan (72)Name of Inventor: 1)NOBORU NAKAYAMA
(87) International Publication No(61) Patent of Addition to Application Number	: NA :NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A yarn guiding-out device is proposed. Slits (28a) are formed in a yarn guiding-out device (28). The yarn guiding-out device (28) blows an airflow through the slits (28a) in a direction in which a yarn end (20a) of a package (30) is guided out from the package (30). The slits (28a) are formed so as to generate the airflow that flows along an outer wall surface (specifically, a curved portion (63) and a flat portion (64)) having no opposing wall surface.

No. of Pages: 36 No. of Claims: 14

(19) INDIA

(22) Date of filing of Application :07/10/2013 (43) Publication Date : 06/02/2015

(21) Application No.4530/CHE/2013 A

(54) Title of the invention: HOTEL ROOMS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:E04H :13/647,181 :08/10/2012 :U.S.A. :NA :NA :NA	Address of Applicant :THREE RAVINIA DRIVE, SUITE 100, ALTANTA, GEORGIA 30346-2121 U.S.A. (72)Name of Inventor: 1)ANDREW JAMES MCLOUGHLIN 2)TIMOTHY ROBERT JONES 3)RICHARD MATTHEW BOOTH
Filing Date	:NA	4)DAVID ALEXANDER HAMILTON
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An improved hotel configuration. The hotel room configuration includes two adjacent rooms, one of which forms a T, and the other of which forms an L, with the base of the T fitting into the right angle formed by the L. Embodiments are directed to reconfiguring an existing hotel having adjacent, side-by-side rooms into the T and L configuration. Additional embodiments are directed to a combined television stand and desk module that fits into or is used as a footboard of a bed. A television can be mounted on the top of this console, and can, in embodiments, rotate to face the desk, the bed, or other parts of the room.

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

(22) Date of filing of Application :07/10/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: PACKAGING OF POLYCRYSTALLINE SILICON

(51) International classification	:B65B	(71)Name of Applicant:
(31) Priority Document No	:10 2012	1)WACKER CHEMIE AG
(31) Thomas Document No	220 422.9	Address of Applicant :HANNS-SEIDEL-PLATZ 4, D-81737
(32) Priority Date	:09/11/2012	MUNCHEN Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)WERNER LAZARUS
Filing Date	:NA	2)CHRISTIAN FRAUNHOFER
(87) International Publication No	: NA	3)HERBERT SCHMOLZ
(61) Patent of Addition to Application Number	:NA	4)MATTHIAS VIETZ
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a process for packaging polycrystalline silicon in the form of chunks, comprising the following steps: - providing polycrystalline silicon in a metering system; - filling polycrystalline silicon from the metering system, which removes fines by means of screening, into a plastic bag arranged below the metering system; wherein the weight of the plastic bag with the polycrystalline silicon introduced is determined during the filling operation and the filling operation is ended after the attainment of a target weight; wherein a fall height of the polycrystalline silicon from metering system into plastic bag is kept at less than 450 mm by means of at least one clamp apparatus over the entire filling operation.

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

(21) Application No.4618/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :14/10/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: MECHANICALLY AYNCHRONIZED ACTUATOR AND METHODS FOR SYNCHRONIZING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F16H63/00 :13/666,400 :01/11/2012 :U.S.A. :NA :NA :NA :NA :NA :NA :NA	,
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(57) Abstract:

An actuator having a first actuating channel, having a first motor, and a second actuating channel having a second motor where the output of the first actuating channel and the output of the second actuating channel are synchronized and methods of mechanically synchronizing two outputs of a two channel actuator.

No. of Pages: 21 No. of Claims: 16

(21) Application No.4903/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :31/10/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: AUXILIARY TRIP UNIT OF A CIRCUIT BREAKER

(57) Abstract:

Auxiliary trip unit of a circuit breaker An auxiliary trip unit for a circuit breaker comprises: - a drive part (3) with a movable blade (4), - a latch (31) fitted pivoting around a swivelling axis (X2-X2) and designed to secure the blade (4) in a neutral position, against a flexible bias force, until movement of the latch (31) takes place to a released position, - a nose (46) of the latch salient in a direction (A) passing through the swivelling axis (X2-X2) so as to comprise a salient end (47) where positive latching of the blade (4) on the latch (31) takes place in the neutral position. The latch (31) collaborates with the blade (4) to receive a thrust force acting in the direction of resetting of the latch (31) to its latching position.

No. of Pages: 25 No. of Claims: 7

(22) Date of filing of Application :30/10/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: OFFLINE WATER WASH SYSTEM FOR INLET FILTERS AND FILTER HOUSE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B01D :13/671,575 :08/11/2012 :U.S.A.	'
(86) International Application No Filing Date (87) International Publication No	:U.S.A. :NA :NA : NA	(72)Name of Inventor: 1)DESAI, BHALCHANDRA ARUN 2)EKANAYAKE, SANJI
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	3)SCIPIO, ALSTON ILFORD

(57) Abstract:

A filter house and cleaning system arrangement for a turbine system and an associated method. The arrangement includes a filter house and filter elements within the filter house. The arrangement includes nozzles that spray a fluid on the filter elements to provide cleaning of the filter elements. The nozzles have structure that permits the nozzles to move within the filter house to adjust where on the filter elements the fluid is sprayed. The arrangement includes a detection device configured to detect a level of cleanliness and provide an output that indicates the level of cleanliness.

No. of Pages: 26 No. of Claims: 20

(22) Date of filing of Application :08/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: CAGE SEGMENT OF A TAPERED ROLLER BEARING AND TAPERED ROLLER BEARING

(51) International classification :F16C33/51,F16C33/46,F16C19/36

(31) Priority Document No :102010062526.4 (32) Priority Date :07/12/2010 (33) Name of priority country :Germany

(86) International Application :PCT/EP2011/072027

No :1C1/1

Filing Date :07/12/2011

(87) International Publication :WO 2012/076583

(61) Patent of Addition to

Application Number Filing Date :NA

(62) Divisional to Application Number :NA Filing Date :NA (71)Name of Applicant : NA Address of Applicant : NA (72)Name of Inventor :

1) GESSENDORFER Matthias

2)LIANG Baozhu

3)OESTREICHER Winfried

4)WAHLER Ralf

(57) Abstract:

The invention relates to a cage segment (7) of a tapered roller bearing having two circumferential webs (10) which are situated opposite one another and which extend in each case between a first circumferential end (13) and a second circumferential end (14) of the cage segment (7) and having at least two connecting webs (11) which are situated opposite one another and which connect the two circumferential webs (10) to one another and together with the circumferential webs (10) form at least one pocket (12) for receiving a conical rolling body (6). The circumferential webs (10) and the connecting webs (11) have pocket sides which delimit the pocket (12). The circumferential webs (10) and the connecting webs (11) arranged in the region of the first circumferential end (13) and of the second circumferential end (14) have surroundings sides situated opposite the pocket sides. The connecting webs (11) arranged in the region of the first circumferential end (13) and of the second circumferential end (14) have in each case on the pocket side thereof and on the circumferential side thereof a concavely shaped first guide surface (16) for partially engaging around a rolling body (6) in the circumferential end (14) at a maximum to such an extent that they cannot make contact with the circumferential webs (10) of a further cage segment (7) of identical design when a rolling body designed to be received in the pocket is arranged between the first circumferential end (13) of the cage segment (7) and the second circumferential end (14) of the further cage segment (7) and the cage segment (7) and the rolling body (6) are arranged in a way which corresponds to the installed state in the tapered roller bearing.

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

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

(43) Publication Date: 06/02/2015

(54) Title of the invention : GROUP ID AND QOS GROUP IDENTIFICATION FOR STREAM MULTIPLEXING IN MULTICAST AND BROADCAST SYSTEMS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H041 :61/491030 :27/05/2011 :U.S.A. :PCT/US2012/036971 :08/05/2012 :WO 2012/166306 :NA :NA	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: Attn: Inernational IP Administration 5775 Morehouse Drive San Diego CA 92121 1714 U.S.A. (72)Name of Inventor: 1)GHOLMIEH Ralph A. 2)NAIK Nagaraju
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Various embodiments provide methods and systems for identifying statistically multiplexed groups of services and coordinating the groups of services for multicast or broadcast over the same transmission channels. Further embodiments provide methods and systems for providing quality of service requirements for groups or subgroups of statistically multiplexed services. Coordination of the groups of services for multicast or broadcast over the same transmission channels may be based on the provided quality of service requirements. Various embodiments may identify groups of services and provide associated of service requirements by sending modified session start messages or separate group messages.

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

(21) Application No.4638/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :15/10/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : REFINER PLATES WITH SHORT GROOVE SEGMENTS FOR REFINING LIGNOCELLULOSIC MATERIAL, AND METHODS RELATED THERETO

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:D21D1/00 :61/715,398 :18/10/2012 :U.S.A. :NA	'
Filing Date	:NA	1)PETER ANTENSTEINER
(87) 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:

Refiner plate segments and refiner plates having fully-dammed or partially dammed grooves on a major surface that may control flow behavior of lignocellulosic materials passing between refining plates in a refiner. The dammed grooves form groove segments, and each groove segment has a length of no more than about 3 0mm or a subrange thereof.

No. of Pages: 40 No. of Claims: 21

(22) Date of filing of Application :02/12/2013

(43) Publication Date: 06/02/2015

(54) Title of the invention : CIRCUIT ARRANGEMENT FOR UNIVERSAL CONNECTION OF A BUS PARTICIPANT TO AT LEAST ONE BUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G06f :102013100603.5 :22/01/2013 :Germany :NA :NA	(71)Name of Applicant: 1)DSPACE DIGITAL SIGNAL PROCESSING AND CONTROL ENGINEERING GMBH Address of Applicant: RATHENAUSTR. 26, D-33102 PADERBORN Germany (72)Name of Inventor:
 (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)ABDALLAH CHERKAOUI 2)CHRISTIAN DIERKES 3)LARS KOPKA

(57) Abstract:

The invention relates to a circuit arrangement (1) for connecting a bus participant (2) to at least one bus (3, 4), particularly a CAN bus, having an interface (7) for connecting the bus participant (2) to the circuit arrangement (1), a first bus input (5), and a first bus output (6), between which the bus participant (2) is switchable via the interface (7). The circuit arrangement comprises a second bus input (8) and a second bus output (9) for connecting the bus (3, 4) to the circuit arrangement (1) in a ring topology in such a way that the first bus output (6) is connected at least indirectly to the second bus input (8) via the bus (3, 4) and the second bus output (9) is connected at least indirectly to the first bus input (5) via the bus (3, 4), whereby the bus (3, 4) in the circuit arrangement (1) can be separated to obtain a line topology, and the circuit arrangement (1) can be configured as bus-terminating at one of the bus inputs (5, 8) or bus outputs (6, 9). Further, the invention comprises a system for the functional testing of bus participants (ECU1, ECU2, ECU3) on a bus (3, 4) in a simulation environment comprising a simulator unit (20) for simulating control signals on the bus (3, 4) and a plurality of the mentioned circuit arrangements (1a, 1b, 1c), by means of which in each case one of the bus participants (ECU1, ECU2, ECU3) can be connected to the bus (3, 4).

No. of Pages: 55 No. of Claims: 19

(21) Application No.8044/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/10/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : METHOD FOR INVESTIGATING THE QUALITY OF THE YARN WINDING DENSITY ON A YARN BOBBIN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:01/03/2012 :WO 2012/119722 :NA :NA :NA	(71)Name of Applicant: 1)SSM SCH, RER SCHWEITER METTLER AG Address of Applicant: Neugasse 10 CH 8810 Horgen/ZH Switzerland (72)Name of Inventor: 1)MOSER Benedikt 2)VASIC Srdan 3)MACCABRUNI Davide
Filing Date	:NA :NA	

(57) Abstract:

In a method for investigating the quality of the yarn winding density on a yarn bobbin the yarn winding density is visualised and characterised by applying X Ray Computed Tomography (XRCT).

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

(22) Date of filing of Application :09/12/2013

(43) Publication Date: 06/02/2015

(54) Title of the invention: VIDEO ENCODING DEVICE VIDEO DECODING DEVICE VIDEO ENCODING METHOD VIDEO DECODING PROGRAM AND VIDEO DECODING PROGRAM

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:H04N7/32 :2011131127 :13/06/2011 :Japan :PCT/JP2012/065045	(71)Name of Applicant: 1)NIPPON TELEGRAPH AND TELEPHONE CORPORATION Address of Applicant: 3 1 Otemachi 2 chome Chiyoda ku Tokyo 1008116 Japan
Filing Date (87) International Publication No	:12/06/2012 :WO 2012/173125	(72)Name of Inventor : 1)BANDOH Yukihiro
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)MATSUO Shohei 3)TAKAMURA Seishi 4)JOZAWA Hirohisa
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This video encoding device is provided with: a means which partitions a frame into regions performs motion compensated inter frame prediction corresponding to fractional pixel accuracy by using a region based adaptive interpolation filter which adaptively sets the interpolation filter coefficients for each partitioned region and when selecting the optimal partition position from candidate partition positions prepared in advance constructs a system of linear equations for finding the interpolation filter coefficients corresponding to the partition regions defined by the partition position; and a means which calculates the interpolation filter coefficients by solving the system of linear equations. In an operation for finding the interpolation filter coefficients in different partition regions the means for generating equations uses overlapping operation processing results and performs calculations by means of new operations only for the difference information with no overlap.

No. of Pages: 45 No. of Claims: 8

(22) Date of filing of Application :30/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : SYSTEM AND METHOD FOR TRACKING COMPLIANCE INFORMATION FOR A BUILD-SYSTEM PRODUCT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:G06F9/44 :12170433.2 :01/06/2012 :EPO :NA :NA : NA :NA	Address of Applicant :1001 Farrar Road, Kanata, Ontario K2K 0B3, Canada (72)Name of Inventor : 1)Keith Roderick RUSSELL 2)Eric Anthony JOHNSON
(61) Patent of Addition to Application Number Filing Date		3)Michael Paul MICHALYSHYN
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Systems and methods for tracking compliance information for a build-system product are described. The compliance information is associated with one or more source code files used to build the build-system product. Tracking information is created for the build-system product including a source code identifier for each source code file that contributes to the build-system product. The tracking information can be utilized to identify the source codes files that contributed to the build-system product and identify the associated compliance information.

No. of Pages: 24 No. of Claims: 18

(22) Date of filing of Application :31/07/2013

(21) Application No.3441/CHE/2013 A

(43) Publication Date: 06/02/2015

(54) Title of the invention: SPARE TIRE FIXTURE

 (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)HONDA MOTOR CO., LTD. Address of Applicant:1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan (72)Name of Inventor: 1)OHNO, TAKAHIRO
 (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:

(19) INDIA

A spare tire fixture (40) includes a bolt (41) having a polygonal head portion (50); a tire holding member (42) that fixes a spare tire by being combined with the bolt (41); and a gripping portion (43) for operation provided at the tire holding member (42), wherein an insertion hole, into which a shaft portion (51) of the bolt (41) is inserted, is provided at a center portion of the tire holding member (42), the gripping portion (43) includes a pair of plate-like bodies (45) which stand on the tire holding member (42), the pair of platelike bodies (45) extend in parallel with an interval so that the insertion hole locates therebetween, and the head portion (50) is placed in between of the pair of plate-like bodies (45) by inserting the shaft portion (51) into the insertion hole, and a side surface of the head portion (50) comes into contact with the pair of plate-like bodies (45), and whereby the rotation of the bolt (41) is restricted.

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

(22) Date of filing of Application :22/10/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: MULTI-FLAME BURNER AND METHOD FOR HEATING A WORKPIECE

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:F23D14/00 :102012020801.4 :23/10/2012 :Germany :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)LINDE AKTIENGESELLSCHAFT Address of Applicant: KLOSTERHOFSTR. 1, 80331 MUNCHEN Germany (72)Name of Inventor: 1)STOCKER, JOHANN
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(57) Abstract:

The invention relates to a multi-flame burner (10) with burner heads (1), which are set up to generate at least one burner flame (13) directed along a respective flame axis (14) when supplied with a fuel, wherein the flame axes (14) of respectively adjacent burner heads (1) are inclined relative to each other. A method for preheating a workpiece, in particular a pipe or large-diameter pipe, is also the subject of the invention.

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

(21) Application No.3991/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :05/09/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: FIXING APPARATUS

(51) Intermedianal alexidensis	-C02C	(71)N
(51) International classification	:G03G	(71)Name of Applicant :
(31) Priority Document No	:2012-	1)CANON KABUSHIKI KAISHA
(31) Thomas Bocument No	209396	Address of Applicant :30-2, SHIMOMARUKO 3-CHOME,
(32) Priority Date	:24/09/2012	OHTA-KU, TOKYO Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)NOJIMA, KOJI
Filing Date	:NA	2)KOJIMA, RYUICHI
(87) 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 fixing apparatus includes: first and second rotatable member configured to heat-fix, at a nip therebetween, an unfixed toner image formed on a sheet by using a toner containing a parting agent; a casing, configured to accommodate the first and second rotatable member, including a sheet introducing opening and a sheet discharging opening; and a suppressing portion configured to suppress diffusion, toward the sheet discharging opening, of particles having a predetermined diameter resulting from a parting agent in the neighborhood of the sheet introducing opening, wherein the suppressing portion is provided in a position of 0.5 mm or more and 3.5 mm or less from a surface of the first rotatable member in a space in the casing from the sheet introducing opening to the sheet discharging opening.

No. of Pages: 101 No. of Claims: 54

(22) Date of filing of Application :14/10/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: RAM AIR TURBINE GENERATOR WITH EXTERNAL ROTOR HAVING PERMANENT MAGNETS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B64D :13/664,625 :31/10/2012 :U.S.A. :NA :NA :NA :NA	'
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

A ram air turbine generator, for generating electrical power when the system is exposed to an airstream, includes a turbine having multiple blades and a rotor operably coupled to the blades and rotating about a shaft and stator mounted, such that rotation of the blades rotates the rotor, and the rotation of the rotor about the stator produces electrical power.

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

(21) Application No.4624/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :14/10/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: METHOD FOR STARTING AN ELECTRIC MOTOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:13/665,142 :31/10/2012 :U.S.A. :NA	Address of Applicant :3290 PATTERSON AVENUE, SE GRAND RAPIDS, MICHIGAN 49512-1991 U.S.A. (72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)HUANG, HAO 2)JIA, XIAOCHUAN
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method for starting an electric motor, the motor having a main machine, exciter, and permanent magnet generator (PMG), each having a stator and a rotor, with each rotor mounted to a common shaft, the method comprising starting the main machine in an asynchronous mode by applying a starting current to the stator of the main machine to induce a damper current in a damper winding of the main rotor to generate a starting torque that initiates the rotation of the common shaft, and then running the main machine in synchronous mode by supplying running current from the exciter rotor to the main machine rotor.

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

(21) Application No.4625/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :14/10/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: INSULATED BEARING RING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H02K1/00 :13/656,989 :22/10/2012 :U.S.A. :NA :NA : NA : NA :NA :NA	
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(57) Abstract:

An insulated bearing, a dynamoelectric machine including the insulated bearing, and a method of forming the insulated bearing are disclosed. In an embodiment, the bearing includes an outer ring, an inner ring disposed within the outer ring and concentric therewith. An insulating ring is disposed between the inner ring and the outer ring, and includes an outer circumferential serration extending radially outward from an outer surface of the insulating ring, and an inner circumferential serration extending radially inward from an inner surface of the insulating ring. These serrations mate with features of respective surfaces of the outer and inner rings.

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

(22) Date of filing of Application :31/10/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: METHOD OF PRODUCING OXADIAZOLINONE COMPOUND

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D271/00 :2012- 254989 :21/11/2012 :Japan :NA :NA :NA :NA	(71)Name of Applicant: 1)SUMITOMO CHEMICAL COMPANY, LIMITED Address of Applicant: 27-1, SHINKAWA 2-CHOME, CHUO- KU, TOKYO 104-8260 Japan (72)Name of Inventor: 1)ISHIDA, HAJIME 2)KIKUCHI, YUTA
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(57) Abstract:

The present invention provides the following novel method which can produce an oxadiazolinone compound (VI) from a diazonium salt in a high yield. The method of producing an oxadiazolinone compound includes a step (A) of mixing a diazonium salt (I), at least one compound selected from the group consisting of sulfites and hydrogensulfites, and water at a pH range of 5.5 to 7.5 and 45 to 100° C, then heat-treating the obtained mixture at 45 to 100° Cf and then subjecting the treated mixture to contact treatment with an acid; a step (B) of reacting a phenylhydrazine compound (II), which is obtained in the step (A), with a halogenated alkyl carbonate (III) or dialkyl dicarbonate (IV); and a step (C) of reacting a phenylhydrazine- β -carboxylate compound (V), which is obtained in the step (B), with phosgene, and then bringing the resultant into contact with a basic compound.

No. of Pages: 70 No. of Claims: 5

(22) Date of filing of Application :24/09/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : METHOD FOR MAPPING A NETWORK TOPOLOGY REQUEST TO A PHYSICAL NETWORK AND COMMUNICATION SYSTEM

(51) International classification(31) Priority Document No(32) Priority Date	:H04L12/00 :12186582.81853 :28/09/2012	(71)Name of Applicant: 1)NTT DOCOMO INC. Address of Applicant :SANNO PARK TOWER, 36TH
(33) Name of priority country	:EUROPEAN UNION	FLOOR 11-1, NAGAT-CHO 2-CHOME, CHIYODA-KU, TOKYO, 100-6150 Japan
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor: 1)KHAN, ASHIQ
(87) International Publication No(61) Patent of Addition to Application NumberFiling Date	: NA :NA :NA	2)VAISHNAVI, ISHAN
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method for mapping a network topology request to a physical network is described. For each of a plurality of primary nodes (A, B) included in the network topology request a plurality of nodes in the physical network is determined that meet a primary resource requirement associated with the primary node, and from the nodes determined one or more node pairs connected in the physical network by a path are selected that meets a backup connection requirement for a connection between a primary node (A, B) and its backup node (A, B). Then, the paths (134) in the physical network between node pairs (A-A, B-B) associated with interconnected primary nodes (A, B) are determined.

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

(22) Date of filing of Application :09/12/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: VEHICLE BODY FRONT STRUCTURE

(51) International classification :B60R19/04,B6 (31) Priority Document No :2011129866 (32) Priority Date :10/06/2011 (33) Name of priority country :Japan

(86) International Application No :PCT/JP2012/061122

Filing Date :25/04/2012 (87) International Publication No :WO 2012/169293

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

:B60R19/04,B60R21/34 (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)MASUDA Idemitsu 2)OHNO Shinji 3)MIYAZAKI Akito

(57) Abstract:

To provide a vehicle body front structure capable of absorbing load and controlling the posture of a leg portion of a pedestrian to protect the leg portion. [Solution] A vehicle body front structure (100) according to the present invention is characterized in that: a bumper facer (bumper (110)) and a front grill (grill (120)) extend between at least two side members (apron side members (150a) and (150b)) in a vehicle width direction and at least between a position overlapping with an upper member (hood lock member (130)) and a position overlapping with a lower member (radiator support member (140)) in a vehicle height direction; the bumper facer and the front grill are fixed onto the upper member and the lower member; and in an area of the front grill that overlaps with the bumper facer in a front view of the vehicle an upper rib (124) extending from around an upper tank (162) of the radiator (160) to a fixed point (A) and a lower rib (226) extending from around a lower tank (164) to a fixed point (B) are formed.

No. of Pages: 33 No. of Claims: 6

(22) Date of filing of Application :09/12/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: APPARATUS AND METHOD FOR PROTECTION IN A DATA CENTER

(51) International classification	:H04Q11/00	(71)Name of Applicant:
(31) Priority Document No	:61/505265	1)ALCATEL LUCENT
(32) Priority Date	:07/07/2011	Address of Applicant :3 avenue Octave Grard F 75007 Paris
(33) Name of priority country	:U.S.A.	France
(86) International Application No	:PCT/US2012/043269	(72)Name of Inventor:
Filing Date	:20/06/2012	1)HAO Fang
(87) International Publication No	:WO 2013/006271	2)KODIALAM Muralidharam S.
(61) Patent of Addition to Application	:NA	3)LAKSHMAN Tirunell V.
Number	:NA	4)SONG Haoyu
Filing Date	,11/1	5)ZIRNGIBL Martin
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A manner of providing redundancy protection for a data center network that is both reliable and low cost hi a data center network where the data traffic between numerous access nodes and a network core layer via primary aggregation nodes an optical network device such as and OLT (optical line terminal) is provided as a backup aggregation node for one or more of the primary aggregation nodes. When a communication path through a primary aggregation node fails traffic is routed through the optical network device. In a preferred embodiment a communication link is formed from a plurality of access nodes to a single port of the OLT or other optical network device via an optical splitter that combines upstream transmissions and distributes downstream transmissions. The upstream transmissions from the plurality of access nodes may occur according to an allocation schedule generated when the backup aggregation node is needed.

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

(21) Application No.4184/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :18/09/2013 (43) Publication Date : 06/02/2015

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

(51) International classification :B60N2 (31) Priority Document No :2012- 209611 (32) Priority Date :24/09/2 (33) Name of priority country :Japan (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant: 1)HONDA MOTOR CO., LTD. Address of Applicant: 1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan (72)Name of Inventor: 1)TERADA, MITSURU 2)ISOMURA, MAMOUR 3)WAKABAYASHI, SHINICHI 4)KUSANO, TAKUHEI 5)SUZUKI, TOSHIYA
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(57) Abstract:

To provide a saddle-ride type vehicle that enables protecting a canister from the outside without increasing the number of parts and occupied space. [Solution] The canister 37 is arranged on the downside of a grab rail 32L on the same side of a guard member 36. The canister 37 is arranged in a position inside a virtual plane acquired by connecting an outside edge in a direction of vehicle width of the grab rail 32L on the same side as the guard member 36 and a lower fringe of the guard member 36 in the direction of vehicle width and outside a seat rail 5L on the same side as the guard member 36 in the direction of vehicle width.

No. of Pages: 36 No. of Claims: 6

(19) INDIA

(22) Date of filing of Application :10/10/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: FUEL INJECTION VALVE

(51) International classification	:F02M	(71)Name of Applicant:
(31) Priority Document No	:2012- 249581	1)DENSO CORPORATION Address of Applicant :1-1, SHOWA-CHO, KARIYA-CITY,
(32) Priority Date	:13/11/2012	AICHI-PREF. 448-8661 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)ADACHI, NAOFUMI
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.4594/CHE/2013 A

(57) Abstract:

A movable plate (80) is movably accommodated in a pressure j control chamber (71). A fixed plate (20) is arranged above the i movable plate (80), so that the movable plate (80) is brought into contact with the fixed plate (20). The fixed plate (20) has a high pressure passage (22) for supplying fuel into the pressure control chamber and a low pressure passage for discharging the fuel from the pressure control chamber. A high pressure port (22b) and a low pressure port (23c) are formed at a lower end surface of the fixed plate (20). A first contacting surface (25a, 25b) is formed at the lower end surface and a first groove (25m) is formed in the first contacting surface (25a, 25b) for holding a part of fuel in a plate-contacted condition.

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

(22) Date of filing of Application :23/09/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: VARIABLE VALVE GEAR FOR INTERNAL COMBUSTION ENGINE

(51) International alocalifaction	·E011 1/00	(71)Nama of Applicant
(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:2012-	1)HONDA MOTOR CO., LTD.
(31) Thomas Document No	218154	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,
(32) Priority Date	:28/09/2012	MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)KATAOKA, DAI
Filing Date	:NA	2)FUJIKUBO, MAKOTO
(87) International Publication No	: NA	3)WARASHINA, TAKUYA
(61) Patent of Addition to Application Number	:NA	4)KOSEI, KAZUYUKI
Filing Date	:NA	5)NAKAMURA, YOHEI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

To provide a variable valve gear for an internal combustion engine that reduces a sound generated when a solenoid couples a plurality of rocker arms or releases the coupling. [Constitution] A variable valve gear 26 advances and retreats a coupling pin 45 to: couple a normally-operating rocker arm 28 and a resting rocker arm 2 9 together, or release the coupling. A resting-side guide hole 42 includes a first end wall 44 where a distal end portion of a stopper pin 46 abuts on the first end wall 44 when the stopper pin 46 advances most. The variable valve gear 26 includes an oil supply passage 60, a first oil supply hole 61, and a first oil discharge hole 62. The oil supply passage 60 is disposed inside of an intake-side rocker shaft 35. The first oil supply hole 61 is in communication with the oil supply passage 60. The first oil supply hole 61 opens at the first end wall 44 side with respect to a distal end portion of the stopper pin 46 in an inner surface of the resting-side guide hole 42 when the stopper pin 46 retreats most. The first oil discharge hole 62 communicates with an interior upper portion of the resting-side guide hole 42 at the first end wall 44 side with respect to the distal end portion of the stopper pin 46 when the stopper pin 46 retreats most. The first oil discharge hole 62 opens at an exterior upper portion of the resting rocker arm 29.

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

(21) Application No.4705/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :18/10/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: ROLLING BEARING, NOTABLY FOR A WIND TURBINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:1260016 :22/10/2012 :France :NA :NA : NA : NA	(71)Name of Applicant: 1)AKTIEBOLAGET SKF Address of Applicant: 415 50 GOTEBORG Sweden (72)Name of Inventor: 1)CYRIL BOURON 2)JEAN-BAPTISTE MAGNY 3)PASCAL OVIZE 4)JEAN-BAPTISTE NOIROT
Filing Date (62) Divisional to Application Number	:NA :NA	4)JEAN-BAPTISTE NOIROT
Filing Date	:NA	

(57) Abstract:

Rolling bearing (1) comprising an inner ring (3), an outer ring (2), at least one row of rolling elements which are arranged between raceways made on the said rings (2, 3) and an ring gear (6) fixed to one of the said rings (2). The ring gear (6) is formed of at least two independent gear segments (7, 8, 9, 10, 11, 12) which are each provided on their inner or outer peripheral surface with a plurality of meshing means (7b, 8b, 9b, 10b, 1 lb, 12b) and fixed only to one of either the inner or outer rings (3) of the rolling bearing (1), the circumference of the ring gear (6, 20) being substantially equal to the circumference of the combination of the independent gear segments.

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

(21) Application No.4593/CHE/2013 A

(19) INDIA

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

(43) Publication Date: 06/02/2015

(54) Title of the invention: ROTARY COMPRESSOR

131) Priority Liocilment No	CTRIC CORPORATION :7-3, MARUNOUCHI 2-CHOME, 0 100-8310 Japan
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(57) Abstract:

A lower roller 11 of a rotary compressor 100 includes an inner circumferential side roller 11b and an outer circumferential side roller 11a. Furthermore, the inner circumferential side roller 11b includes a plurality of ring bodies 11c that have been divided in the central axis direction of a sub shaft side eccentric portion 4d. Additionally, in a crankshaft 4, an outer circumferential surface on a counter-eccentric side of the sub shaft side eccentric portion 4d is formed inside an outer circumferential surface of a sub shaft 4b and a relief 4g for moving the ring bodies 11c towards the direction of eccentricity of the sub shaft side eccentric portion 4d is formed.

No. of Pages: 58 No. of Claims: 14

(21) Application No.9629/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :02/12/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: LOCATION OF A TRANSPONDER CENTER POINT

(51) International alegaic action	·C01C12/75	(71)Nome of Applicant .
(51) International classification	:G01S13/75	(71)Name of Applicant :
(31) Priority Document No	:13/168519	1)THALES CANADA INC.
(32) Priority Date	:24/06/2011	Address of Applicant :105 Moatfield Toronto Ontario M3B
(33) Name of priority country	:U.S.A.	0A4 Canada
(86) International Application No	:PCT/CA2012/000602	(72)Name of Inventor:
Filing Date	:19/06/2012	1)KANNER Abe
(87) International Publication No	:WO 2012/174647	2)SEITZ Pat
(61) Patent of Addition to Application	:NA	
Number	*	
- 1 000000	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In a radio location system for vehicles moving along a guideway a transmitter for energizes a transponder beside the guideway. A first detector detects a response signal from the energized transponder to determine the transponder identification. A second detector detects a positional signal received from the transponder that is decoupled from the first signal and contains precise positional information. In one embodiment the second detector picks up a crossover signal from a crossover antenna.

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

(21) Application No.9830/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/12/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: EMBEDDED APPARATUS PROGRAM GENERATION APPARATUS AND PROGRAM

Number Filing Date (62) Divisional to Application Number Filing Date Filing Date SNA Filing Date SNA Filing Date SNA Filing Date SNA	Filing Date (62) Divisional to Application Number	: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)OHWADA Toshikazu
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(57) Abstract:

An embedded apparatus displaying an error message upon detection of a failure during execution of a program includes a central processing unit executing the program; a program storage unit storing an executable compressed file where plural files are combined as the program; a failure detection unit detecting a failure based on storage contents of addresses storing execution results of instructions; and an error message display unit outputting the error message on a display device when the failure detection unit detects the failure the error message including version information of the program file identification information of the file and line numbers of the instruction being executed in the file the error message being described in the instruction.

No. of Pages: 96 No. of Claims: 13

(22) Date of filing of Application :25/09/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: IMPROVED AMMONIA REMOVAL FROM PROCESS CONDENSATE

(51) International classification	:B01D	(71)Name of Applicant:
(31) Priority Document No	:PA 2012 70647	1)HALDOR TOPSOE A/S Address of Applicant :NYMOLLEVEJ 55, DK-2800 KGS,
(32) Priority Date	:23/10/2012	LYNGBY Denmark
(33) Name of priority country	:Denmark	(72)Name of Inventor:
(86) International Application No	:NA	1)THEM JENSEN, ARNE
Filing Date	:NA	
(87) 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		•

(57) Abstract:

The present invention provides a method for reducing the ammonia content of an ammonia-containing process condensate during process condensate stripping, and a process conden-sate stripper suitable for use in said method.

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

(22) Date of filing of Application :30/10/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : METHOD AND DEVICE FOR MONITORING CONTACTS OF A ROTATING COMPONENT OF A TEXTILE MACHINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:12008343.1 :14/12/2012 :EPO :NA :NA : NA :NA	(71)Name of Applicant: 1)MASCHINENFABRIK RIETER AG Address of Applicant: KLOSTERSTRASSE 20, CH-8406 WINTERTHUR Switzerland (72)Name of Inventor: 1)HARTMEIER, WERNER 2)BAUMANN, XAVER
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a method for monitoring contacts of a rotating component of a textile machine (1), in particular of a clothing roller of a card, for example a card cylinder (4), with a further component (6, 7, 8, 9, 10) of the textile machine. The two compo¬nents (4; 6, 7, 8, 9, 10) are connected to an electrical power source (20), but are nor¬mally electrically isolated from each other, and only in the case of a contact between the two components (4; 6, 7, 8, 9,10), a short-circuit is generated, which is detected by the monitoring device (21). The duration (ti, t.2, t3) of individual short-circuits per time unit (T) is detected and summed up so as to form a total duration (t) of all short-circuits per time unit (T). Figure 3

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

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

(19) INDIA

(22) Date of filing of Application :26/06/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: TEMPLE DEITIES BATHING HERBAL POWDER KAPU

(51) International classification	:A61K36/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GIRIVAS VISWANATH SHET (INDIAN)
(32) Priority Date	:NA	Address of Applicant :MYSORE SANDAL PRODUCTS,
(33) Name of priority country	:NA	6/1872, SASTHA NAGAR, AANAVATHIL,
(86) International Application No	:NA	MATTANCHERRY, COCHIN - 682 002 Kerala India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)GIRIVAS VISWANATH SHET (INDIAN)
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

No. of Pages: 3 No. of Claims: 1

This extract or powder or leoresin oroil form based in Sandal powder for (Kapu)Paste for Abisheka comes under this invention.

(22) Date of filing of Application :02/08/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : METHOD AND SYSTEM FOR ENHANCING COMMERCIALS BY INTELLIGENTLY ADDING AND ANALYZING USER GENERATED CONTENT

(51) International classification	:G06Q30/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MAHESH, SHANKAR
(32) Priority Date	:NA	Address of Applicant :#110, LAKSHMI, KRISHNA
(33) Name of priority country	:NA	GARDEN MAIN ROAD, KRISHNA GARDEN,
(86) International Application No	:NA	RAJARAJESHWARI NAGAR, BANGALORE - 560 059
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	2)V KUMAR, SHIVARANJAN
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MAHESH, SHANKAR
(62) Divisional to Application Number	:NA	2)V KUMAR, SHIVARANJAN
Filing Date	:NA	

(57) Abstract:

A method for enhancing an advertisement by intelligently adding and analyzing user generated content. A user utilizing an electronic communication device to view content received from a first server. Next, display at least one selected advertisement received from a second server with the content displayed on the electronic communication device. Then, prompt the user to perform a predefined action. Thereafter, obtain a user generated advertisement (UGA) and finally publish/share the UGA to receive user benefits including discount coupons, unlocking events, games and movies.

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

(22) Date of filing of Application :02/08/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: AN IMPROVED SPINNING POT USED IN WET SPINNING

(51) International classification	:D01H	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SENTHIL KUMAR THIYAGARAJAN
(32) Priority Date	:NA	Address of Applicant :257, G.V. RESIDENCY,
(33) Name of priority country	:NA	COIMBATORE - 641 028 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SENTHIL KUMAR THIYAGARAJAN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to an improved spinning pot used in twisting and winding of synthetic yarns in textile industries. The invention discloses a low weight spinning pot for high speed spinning by wet spinning process which is capable of withstanding higher centrifugal hoop stress generated due to higher rotation speed. Advantageously, the low weight spinning pot provides substantial saving in energy consumption.

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

(22) Date of filing of Application :03/10/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: A GROUP OF SYSTEMS FOR MAKING A SOLAR ELECTRIC VEHICLE MORE PRACTICAL

(51) International classification	·H011 31/00	(71)Name of Applicant :
(31) Priority Document No	:13/971,997	
(32) Priority Date	:21/08/2012	,
(33) Name of priority country	:U.S.A.	NEWTOWN, SQUARE PA 19073 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)BEN FREEMAN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The device is a group of mechanisms and three types of related computer functions that work together and with the driver to optimize the operation of an electric vehicle with a deployable solar array. The purposes of doing so are to keep the vehicle and its constituent parts undamaged and safe, to orient the solar array towards the sun for maximal electricity generation and to make sure that the vehicles battery array maintains a proper and appropriate charge. Dated at Chennai on 3rd October 2013.

No. of Pages: 33 No. of Claims: 17

(21) Application No.9654/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :03/12/2013 (43) Publication Date : 06/02/2015

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

(51) International classification	:C07C29/09,C07C67/297,C07C33/14	(71)Name of Applicant: 1)FIRMENICH SA
(31) Priority Document No	:11172038.9	Address of Applicant :1 route des Jeunes P.O. Box 239 CH
(32) Priority Date	:30/06/2011	1211 Geneva 8 Switzerland
(33) Name of priority country	:ЕРО	(72)Name of Inventor : 1)BIRKBECK Anthony A.
(86) International Application No Filing Date	:PCT/EP2012/062615 :28/06/2012	
(87) International Publication No	:WO 2013/001027	
(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 of a compound of formula (I) in the form of any one of its stereoisomers or mixtures thereof wherein R represents a C C group of formula COR wherein R is an alkyl or alkenyl group optionally comprising one or two ether functional groups or is a phenyl or benzyl group optionally substituted by one to three alkyl alkoxyl carboxyl acyl amino or nitro groups or halogen atoms.

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

(21) Application No.3650/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :09/05/2013 (43) Publication Date: 06/02/2015

(54) Title of the invention: EXHAUST TREATMENT DEVICE INSULATION SYSTEM

(51) International classification :F01N3/00,F01N3/24,F01N3/021 (71)Name of Applicant:

(31) Priority Document No :12/956203 (32) Priority Date :30/11/2010 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2011/060711

No :15/11/2011 Filing Date

(87) International Publication No:WO 2012/074735

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

:NA Number :NA

Filing Date

1)TENNECO AUTOMOTIVE OPERATING COMPANY

INC.

Address of Applicant :500 North Field Drive Lake Forest

Illinois 60045 U.S.A. (72)Name of Inventor: 1)FREIS Steven

2)ALCINI William V.

(57) Abstract:

An exhaust treatment device includes an inner shell and an outer shell. Fibrous insulation is positioned within a flexible container. The insulation is compressed 30 to 80 percent by volume. The flexible container is sealed to maintain a compressed state of the insulation. The flexible container and the compressed insulation are positioned between the inner and outer shells of the exhaust treatment device.

No. of Pages: 14 No. of Claims: 20

(22) Date of filing of Application :03/10/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: METHOD FOR PRODUCING FERROELECTRIC THIN FILM

(51) International classification(31) Priority Document No	:H01L21/00 :2012- 253783	(71)Name of Applicant: 1)MITSUBISHI MATERIALS CORPORATION Address of Applicant: 3-2, OTEMACHI 1-CHOME,
(32) Priority Date		CHIYODA-KU, TOKYO 1008117 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)IIDA, SHINTARO
Filing Date	:NA	2)SAKURAI, HIDEAKI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

It is possible to produce a ferroelectric thin film controlled to have the preferential crystal orientation in the (100) plane with a simple process without providing a seed layer or a buffer layer. [Means for Resolution] A ferroelectric thin film is produced on a lower electrode by irradiating a surface of the lower electrode of a substrate having the lower electrode where the crystal plane is oriented in a (111) axis direction, with an atmospheric pressure plasma, coating a composition for forming a ferroelectric thin film on the lower electrode, and heating and crystallizing the coated composition.

No. of Pages: 37 No. of Claims: 3

(22) Date of filing of Application :08/10/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : METHOD FOR DETERMINING AND TUNING PROCESS CHARACTERISTIC PARAMETERS USING A SIMULATION SYSTEM

(51) International classification (31) Priority Document No	:G05B :13/650,296	(71)Name of Applicant: 1)EMERSON PROCESS MANAGEMENT POWER &
(32) Priority Date		WATER SOLUTIONS, INC.
(33) Name of priority country	:U.S.A.	Address of Applicant :200 BETA DRIVE, PITTSBURGH,
(86) International Application No	:NA	PENNSYLVANIA 15238 U.S.A.
Filing Date (87) International Publication No	:NA : NA	(72)Name of Inventor : 1)CHENG, XU
(61) Patent of Addition to Application Number	:NA	i)ciii.vo, re
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A process characteristic parameter determination system uses a process model and a tuning module to accurately determine a value for a process characteristic parameter within a plant without measuring the process characteristic parameter directly, and may operate on line or while the process is running to automatically determine a correct value of the process characteristic parameter at any time during on-going operation of the process. The process characteristic parameter value, which may be a heat transfer coefficient value for a heat exchanger, can then be used to enable the determination of a more accurate simulation result and/or to make other on-line process decisions, such as process control decisions, process operational mode decisions, process maintenance decisions such as implementing a soot blowing operation, etc.

No. of Pages: 46 No. of Claims: 51

(21) Application No.4912/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :31/10/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: PACKING OF POLYSILICON

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International 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 :10 2012 222 249.9 :04/12/2012 :Germany :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)WACKER CHEMIE AG Address of Applicant: HANNS-SEIDEL-PLATZ 4, D-81737 MUNCHEN Germany (72)Name of Inventor: 1)WOCHNER, HANNS
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(57) Abstract:

The invention provides a bag which contains polysilicon and has been welded and includes at least one weld seam, formed from a PE film having a thickness of 150-900 urn having a stiffness at the flexural modulus Fmax of 300-2000 mN and Ft of 100-1300 mN, having a fracture force F determined by dynamic penetration testing of 200-1500 N, a fracture energy Ws of 2-30 J and a penetration energy Wtot of 2.2-30 J, with a film tensile stress at 15% longitudinal and transverse elongation of 9-50 MPa, with an Elmendorf longitudinal film tear resistance of 10-60 cN and an Elmendorf transverse film tear resistance of 18-60 cN, with a longitudinal film elongation at break of 300-2000%, with a transverse film elongation at break of 450-3000%, and with a weld seam strength: 25-150 N/15 mm. A method for packing polysilicon into a plastic bag by filling the bag with polysilicon and welding the bag, which comprises effecting the welding by pulse sealing with a contact pressure by means of welding jaws greater than 0.01 N/mm2, resulting in a weld seam having a weld seam strength of 25-150 N/15 mm.

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

(21) Application No.2124/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :14/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: SYSTEM FOR FUEL INJECTION CONTROL IN AN INTERNAL COMBUSTION ENGINE

:F02D41/00	(71)Name of Applicant :
:2012-	1)SUZUKI MOTOR CORPORATION
117175	Address of Applicant :300, Takatsuka-cho, Minami-ku,
:23/05/2012	Hamamatsu-shi, Shizuoka-Ken, Japan
:Japan	(72)Name of Inventor:
:NA	1)Sako KURIYAMA
:NA	2)Hiroki INATA
: NA	
:NA	
:NA	
:NA	
:NA	
	:2012- 117175 :23/05/2012 :Japan :NA :NA :NA :NA

(57) Abstract:

A system for fuel injection control in internal combustion engine is provided. Fuel is injected during exhaust stroke from a fuel injector for port injection upstream of an intake valve. In-cylinder temperature as the engine cylinder undergoes compression is predicted. Fuel is injected during intake stroke from the fuel injector to supply fuel to the inside of the cylinder upon determining that the predicated in-cylinder temperature is greater than a temperature beyond which pre-ignition is expected to happen.

No. of Pages: 51 No. of Claims: 7

(22) Date of filing of Application :29/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : OPTICAL AUTOMATIC ATTITUDE MEASUREMENT FOR LIGHTWEIGHT PORTABLE OPTICAL SYSTEMS

(51) International classification	:G01C	(71)Name of Applicant :
(31) Priority Document No	:61/660,117	1)BAE SYSTEMS INFORMATION AND ELECTRONIC
(32) Priority Date	:15/06/2012	SYSTEMS INTEGRATION INC.
(33) Name of priority country	:U.S.A.	Address of Applicant :PO Box 868, NHQ1-719, Nashua, NH
(86) International Application No	:NA	03061-0868, UNITED STATES OF AMERICA
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MICHAEL J. CHOINIERE
(61) Patent of Addition to Application Number	:NA	2)ROBERT W. COSTANTINO
Filing Date	:NA	3)MARK P. DEVINS
(62) Divisional to Application Number	:NA	4)DEREK P. JANIAK
Filing Date	:NA	5)DAVID A. RICHARDS

(57) Abstract:

An optical automatic attitude measurement device for a lightweight portable optical system is disclosed. In one embodiment, a first optical device is configured to provide an attitude beam. A second optical device mechanically coupled to the first optical device to a lose tolerance. The second optical device is configured to provide a reference beam and to receive the attitude beam from the first optical device. The second optical device is further configured to obtain an attitude measurement by computing a differential measurement between the reference beam and the attitude beam in x and y planes at room temperature.

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

(19) INDIA

(22) Date of filing of Application :31/07/2013

(21) Application No.3459/CHE/2013 A

(43) Publication Date: 06/02/2015

(54) Title of the invention: FLOOR MATS

(51) International classification	:E04F	(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)CHANDRASEKARAN RAMACHANDRAN,
(87) International Publication No	: NA	Mahadhanapuram
(61) Patent of Addition to Application Number	:NA	2)UKEY RAJEEV, Govind
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present subject matter related to floor mats (100). In an embodiment, a floor mat (100) includes a bottom collector (110); and a top plate (105) adapted to be disposed in the bottom collector (110). The top plate (105) includes a grid-like structure including a plurality of rows of grid units (115). Further, side walls of each of the grid units (115) are inclined with respect to an axis vertical to a plane of the top plate (105) such that a space between two adjacent grid units in a row forms an angular duct (120) extending from a top surface of the top plate (105) to a bottom surface.

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

(22) Date of filing of Application :03/09/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: TOP APRON CRADLE IN DRAFTING DEVICE OF SPINNING MACHINE

(51) International classification(31) Priority Document No(32) Priority Date	:2012- 198686	(71)Name of Applicant: 1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI Address of Applicant: 2-1, TOYODA-CHO, KARIYA-SHI, AICHI-KEN Japan
(33) Name of priority country (86) International Application No	:Japan :NA	(72)Name of Inventor: 1)SATO, KOHEI
Filing Date	:NA	2)KAWAI, YASUYUKI
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	3)ASHIZAKI, TETSUYA 4)HAYASHI, HISAAKI
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A top apron cradle in a drafting device of a spinning machine includes a cradle body and a hook. The cradle body has an apron support portion that is made of resin. The hook extends downward from and is fixed to the cradle body. The hook includes a rigid part having higher rigidity than the apron support portion of the cradle body.

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

(21) Application No.5685/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :10/12/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: MOUNTING STRUCTURE FOR FUEL INJECTION DEVICE

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:b66f :2012- 273713 :14/12/2012 :Japan :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)HONDA MOTOR CO., LTD. Address of Applicant:1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan (72)Name of Inventor: 1)SAITO JUN 2)SAKASHITA MASAO
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(57) Abstract:

In a mounting structure (36) for fuel invention devices (25), a nozzle arm (41) is provided with a pair of bifurcated forks (56) at two ends thereof, respectively, to engage a pair of adjoining fuel injection devices (25), and is fastened to a cylinder head (2) by a threaded bolt (43) passed centrally through the nozzle arm and threaded into a hole (42) in the cylinder head (2). A weight member (44) is interposed between a head (43 A) of the threaded bolt and the nozzle arm to control the vibrations of the mounting structure.

No. of Pages: 24 No. of Claims: 7

(22) Date of filing of Application :04/10/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: AIR-CONDITIONING APPARATUS

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:F24F :2012- 233619	(71)Name of Applicant: 1)MITSUBISHI ELECTRIC CORPORATION Address of Applicant:7-3, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO 100-8310 Japan (72)Name of Inventor: 1)OZAKI, DEN 2)KOJIMA, KAZUHITO 3)OBA, YASUSHI 4)OMURA, HIROSHI 5)GOTO, TAKUYA 6)SUGAI, SHOTA 7)NIIMURA, TAKUYA 8)NAITO, YOSUKE
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(57) Abstract:

A mounting device 3 includes a mounting device main plate 4, an upper support piece 5 disposed at an upper end of the mounting device main plate 4, and a lower support piece 11 disposed at a lower end of the mounting device main plate 4. The upper support piece 5 includes one upper end portion 6, right and left end portions 7, and two base portions 8. A first end of the right end portion and a first end of the left end portion are contiguous to corresponding ends of the upper end portion 6. A first end of one of the base portions 8 and a first end of the other base portion are respectively contiguous to the a second end of the right end portion and a second end of the left end portion 7. The base portions 8 are each partially contiguous to an upper end of the mounting device main plate 4. The upper support piece 5 has a two-ply structure that includes the upper end portion 6, the right and left end portions 7 and the two base portions 8 and that is folded double.

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

(19) INDIA

(43) Publication Date : 06/02/2015

(21) Application No.4612/CHE/2013 A

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

(54) Title of the invention : GAME APPARATUS

(51) International classification :G06 (31) Priority Document No :201 (32) Priority Date :11/2 (33) Name of priority country :Japa (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number :NA	2- 258 10/2012 an (72)Name of Inventor: 1)HAJIME TABATA 2)KENICHIRO YUJI
11	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract:

The present invention provides a game apparatus that can cast various attacks only by pressing the same operating button without performing any complex operation. In an attack method setting screen, attack method setting panels are displayed arranged. Each attack method setting panel is provided with a positional condition display area that displays a positional condition regarding the positional relationship between a player character and an enemy character, and an attack method display area that displays an attack method performed on the enemy character by the player character. For example, in the case in which the positional condition is less than 3 m from player character and the attack method is a close attack with ax, when a player provides an attack operation instruction, the player character does an attack with an ax on an enemy character present at a distance of less than 3 m therefrom.

No. of Pages: 43 No. of Claims: 6

(22) Date of filing of Application: 04/12/2013 (43) Publication Date: 06/02/2015

(54) Title of the invention: METHOD FOR PRODUCING THREE DIMENSIONAL SHAPE STRUCTURE

(51) International classification :B22F3/105,B22F3/16,B22F3/24 (71)Name of Applicant :

(31) Priority Document No :2011114985 (32) Priority Date :23/05/2011

(33) Name of priority country :Japan

(86) International Application No:PCT/JP2012/003342

Filing Date :22/05/2012

(87) International Publication No: WO 2012/160811

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

(62) Divisional to Application :NA Number

:NA Filing Date

1)PANASONIC CORPORATION

Address of Applicant : 1006 Oaza Kadoma Kadoma shi Osaka

5718501 Japan

(72)Name of Inventor:

1)ABE Satoshi

2)MATSUMOTO Isamu 3)TAKENAMI Masataka

4)FUWA Isao

5)HIGASHI Yoshikazu 6)UCHINONO Yoshiyuki 7)YOSHIDA Norio

(57) Abstract:

A method for producing a three dimensional shape structure there being repeatedly performed a step (i) for forming a pulverulent layer atop a modeling plate by the sliding movement of a squeezing blade and subsequently irradiating a predetermined spot on the pulverulent layer with a light beam and sintering or melting and solidifying the powder at the predetermined spot to form a solidified layer and a step (ii) for forming a new pulverulent layer atop the resulting solidified layer and irradiating a predetermined spot on the new pulverulent layer with a light beam to form another solidified layer the method being characterized in that the outer surface of a modeled article precursor during production is subjected to at least one round of cutting and at least one solidified layer is formed after the cutting following which an upper surface cutting intended to remove a solidified prominence created at a peripheral edge part (contour part) of the solid layer is performed.

No. of Pages: 55 No. of Claims: 11

(21) Application No.4632/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :15/10/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: ROTARY ELECTRIC MACHINE

(51) International classification	:B23K	(71)Name of Applicant:
(31) Priority Document No	:2013- 027643	1)MITSUBISHI ELECTRIC CORPORATION Address of Applicant :7-3, MARUNOUCHI 2-CHOME,
(32) Priority Date	:15/02/2013	CHIYODA-KU, TOKYO 100-8310 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)KURODA, MOTOKAZU
Filing Date	:NA	2)HINOUE, MASAKI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract:

An object of the present invention is to provide a rotary electric machine that can improve the reliability of a connection terminal by preventing brazing material applied to butting portions of the connection terminal from flowing out. The rotary electric machine according to the present invention has, on at least one of the inner and outer circumferences of a hole portion 22 of a connection terminal 20, a groove portion 22a, 22b, 22c, 22d, or 22e that can prevent brazing material 24 from flowing out from between butting portions 23, thereby solving a problem that a crack occurs on the connection terminal upon fusing of the connection terminal and a lead conductive wire.

No. of Pages: 36 No. of Claims: 9

(21) Application No.4422/CHE/2013 A

(19) INDIA

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

(43) Publication Date: 06/02/2015

(54) Title of the invention: COUNTERFEIT MEDIA 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 	:G07D11/00 :13/711,228 :11/12/2012 :U.S.A. :NA :NA :NA	Address of Applicant :3097 SATELLITE BOULEVARD, BUILDING, 700, 2ND FLOOR, LAW DEPARTMENT, DULUTH, GEORGIA 30096 U.S.A. (72)Name of Inventor: 1)ROBIN ANGUS
(61) Patent of Addition to Application Number		1)ROBIN ANGUS 2)GARY ROSS
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A media handler (10) for detecting counterfeit media is described. The media handler (10) comprises: a plurality of discrete sensors (40 to 50) distributed along a transport path (16) operable to transport a media item (58), and a controller (22) operable to receive signals from the plurality of discrete sensors (40 to 50). The controller (22) is also operable to make a decision on validity of the transported media item (58) based on the received signals.

No. of Pages: 22 No. of Claims: 14

(22) Date of filing of Application :30/09/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : METHOD AND DEVICE FOR INCREASING THE EXHAUST-GAS TEMPERATURE IN THE EXHAUST TRACT OF A TURBOCHARGED INTERNAL COMBUSTION ENGINE

(51) International classification(31) Priority Document No	:F01N13/00 :10 2012	(71)Name of Applicant : 1)MAN TRUCK & BUS AG
(32) Priority Date	024 260.3	Address of Applicant :DACHAUER STR. 667, 80995 MUNCHEN Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No Filing Date	:NA :NA	1)DORING, ANDREAS
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a method and a device for increasing the exhaust-gas temperature in the exhaust tract of a turbocharged internal combustion engine (1), in particular for motor vehicles, having an exhaust-gas purification unit (8) positioned downstream, having a heating device (10) which can be activated when required and which is supplied with air from the charge-pressure line (2) of the internal combustion engine (1) in phases in which the charge pressure is high enough that a defined and/or adequate amount of charge air can flow across into the heating device (10), wherein the air heated in the heating device (10) is introduced into the exhaust tract upstream of the exhaust-gas purification unit (8). According to the invention, the heating device (10) is supplied with a defined exhaust-gas stream from the exhaust-gas tract of the internal combustion engine (1), in particular an exhaust-gas stream is branched off from an exhaust-gas line (13) upstream of the exhaust-gas turbine (5), at least in operating states of the internal combustion engine in which the charge pressure is not high enough that a defined and/or adequate amount of charge air can flow across into the heating device (10).

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

(21) Application No.4424/CHE/2013 A

(19) INDIA

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

(43) Publication Date: 06/02/2015

(54) Title of the invention: SLIVER FEEDING UNIT

(51) International classification	:D01H1/00	(71)Name of Applicant :
(31) Priority Document No	:10 2012 110 109.4	1)TRUTZSCHLER GMBH & CO. KG Address of Applicant :DUVENSTRASSE 82-92, 41199,
(32) Priority Date	:23/10/2012	MONCHENGLADBACH Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)HANS-FRED JUNKERS
Filing Date	:NA	
(87) 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 sliver feeding unit for a spinning mill preparation machine, consisting of a pulley tree (2) with a large number of guide pulleys (3), guide elements (8) located beneath the pulley tree (2) as well as at least one guide roll (10, 11), this minimum of one guide roll (10, 11) being characterized by a bearing at one end.

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

(21) Application No.9715/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :05/12/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: DRIVE DEVICE FOR VEHICLE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H02K9/19,B60K6/40,B60K6/442 :2011127533 :07/06/2011 :Japan	(71)Name of Applicant: 1)HONDA MOTOR CO. LTD. Address of Applicant: 1 1 Minami Aoyama 2 chome Minato ku Tokyo 1078556 Japan
(86) International Application No Filing Date (87) International Publication	:PCT/JP2012/064583 :06/06/2012 :WO 2012/169542	(72)Name of Inventor: 1)HOSHINOYA Takeshi 2)OOISO Keiichi
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:NA :NA :NA	
Filing Date	:NA	

(57) Abstract:

A cooling conduit (120A) for a first electric motor and a lubricating conduit (121A) for the first electric motor supply oil from an electric oil pump (70) through the outer side of one end (E1) of the first electric motor (2A) to the portions (A1 A2) of the first electric motor (2A) which are to be cooled and lubricated. Also a cooling conduit (120B) for a second electric motor and a lubricating conduit (121B) for the second electric motor supply oil from the electric oil pump (70) through the outer side of the other end (E2) of the second electric motor (2B) to the portions (B1 B2) of the second electric motor (2B) which are to be cooled and lubricated.

No. of Pages: 91 No. of Claims: 35

(22) Date of filing of Application :23/09/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: ALUMINUM ALLOY FOR VEHICLE AND WHEEL FOR MOTORCYCLE

(51) International classification	·C22C21/00	(71)Name of Applicant :
(31) Priority Document No	:2012-	1)HONDA MOTOR CO., LTD.
(32) Priority Date	213967	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)AGATA, MASAKI
Filing Date (87) International Publication No	:NA : NA	2)TAKAHASHI, KYO 3)SUZUKI, TOSHIMITSU
(61) Patent of Addition to Application Number	:NA	S)SUZUKI, TOSHIMITSU
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

To provide an aluminum alloy for a vehicle and a wheel for a motorcycle which can ensure toughness suitable for a vehicle part even when an aluminum material containing an impurity such as Fe is used. [Means for Resolution] An aluminum alloy for a vehicle has the composition which comprises, by weight%, 0.5% or less of Fe, 0.2% or less of Mn, Si, and Cu with the balance being Al and unavoidable impurities, wherein dendrite arm spacing is 45|im or less, and a size of an intermetallic compound is 150(J.m or less.

No. of Pages: 58 No. of Claims: 8

(22) Date of filing of Application :27/09/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: STEERING APPARATUS AND POSITIONING MEMBER

(51) International classification	:B62D21/00	(71)Name of Applicant:
(31) Priority Document No	:2012- 289098	1)SHOWA CORPORATION Address of Applicant :1-14-1, FUJIWARA-CHO, GYODA-
(32) Priority Date	:28/12/2012	SHI, SAITAMA 361-8506 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)SUGAMATA, YOSHITAKE
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		·

(57) Abstract:

The present invention is to raise the rigidity of an aligning member which carries out alignment of a plurality of mutually connected rotating sections and to connect the plurality of rotating sections in a predetermined positional relationship. A positioning member includes: a coupling section which couples with a steering shaft in a state where a position of the steering shaft in the circumferential direction is specified; and a guide section which is fixed to the coupling section, a base end portion thereof, which is adjacent to a central axis of the steering shaft, being formed to have a large width and a front end portion thereof, which is distant from the central axis, being formed to have a small width, this guide section projecting in an outward radial direction of the steering shaft and positioning the steering shaft and a universal joint by being situated in a slit of the universal joint.

No. of Pages: 23 No. of Claims: 4

(22) Date of filing of Application :03/10/2013

(43) Publication Date: 06/02/2015

(54) Title of the invention: PROCESS AND APPARATUS FOR THE SIMULATED COUNTER-CURRENT PRODUCTION OF PARA-XYLENE, CONSTITUTED BY TWO ADSORBERS IN SERIES WITH A TOTAL NUMBER OF 22 OR FEWER BEDS

 (51) International 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 	:12/02.869 :26/10/2012 :France :NA :NA : NA	(71)Name of Applicant: 1)IFP ENERGIES NOUVELLES Address of Applicant: 1 & 4 AVENUE DE BOIS-PREAU, 92852 RUEIL-MALMAISON CEDEX France (72)Name of Inventor: 1)LEFLAIVE, PHILIBERT 2)LEINEKUGEL LE COCQ, DAMIEN
(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:NA :NA :NA	2)LEINERUGEE LE COCQ, DAVIIEN
Filing Date	:NA	

(57) Abstract:

The present invention describes a novel configuration for simulated counter-current para-xylene production units, constituted by two adsorbers, characterized in that the volume occupied by the solid adsorbent is reduced by at least 8% compared with the volume of solid adsorbent contained in the adsorbers of a prior art unit. This novel configuration can be used to minimize the quantity of solid adsorbent necessary to produce a given quantity of para-xylene. Figure 2 to be published.

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

(22) Date of filing of Application :24/09/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: AN ORGANIC RANKINE CYCLE FOR MECHANICAL DRIVE APPLICATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F01K25/00 :FI2012A000193 :01/10/2012 :Italy :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)NUOVO PIGNONE S.R.L Address of Applicant: VIA FELICE MATTEUCCI, 2 50127 FLORENCE Italy (72)Name of Inventor: 1)BURRATO, ANDREA
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(57) Abstract:

A combined thermodynamic system is described, for the production of mechanical power. The system comprises a gas turbine (1) and a turbomachinery (2) driven by the gas turbine (1). The system further comprises a thermodynamic organic Rankine cycle (5) with a turboexpander (13). A heat transfer arrangement (9a, 9, 11) transfers heat from exhaust combustion gases of the gas turbine to the thermodynamic organic Rankine cycle, wherein heat is converted into mechanical power used for driving a driven a turbomachine.

No. of Pages: 18 No. of Claims: 13

(21) Application No.4664/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :17/10/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : DUST COLLECTION PLATE OF MOVING ELECTRODE-TYPE ELECTROSTATIC PRECIPITATOR AND METHOD OF MANUFACTURING SAME

(51) International classification	:B03C	(71)Name of Applicant:
(31) Priority Document No	:2013-	1)HITACHI, LTD.
•	063336	Address of Applicant :6-6, MARUNOUCHI 1-CHOME,
(32) Priority Date	:26/03/2013	CHIYODA-KU, TOKYO 100-8280 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)HIROKI ANDO
Filing Date	:NA	2)KEIGO ORITA
(87) International Publication No	: NA	3)TAKAMASA KOJO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Two rectangular steel plates are placed on each other and are placed on a flat surface, after upper and lower end portions are welded by spot welding, a space is formed between the two steel plates, after a square frame is inserted, in a longitudinal direction, into the space, the two steel plates and the frame are welded by spot welding, and after a side sealing plate that fills a substantially triangle gap formed in a side surface portion of the dust collection plate is provided, joint fittings for attaching the dust collection plate to the endless chain are joined to both end portions of the frame.

No. of Pages: 18 No. of Claims: 2

(21) Application No.4665/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :17/10/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : CREEP PREVENTION DEVICE FOR A RING OF A ROLLING BEARING AND BEARING EQUIPPED THEREWITH

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:F16C :TO2012A000918 :17/10/2012 :Italy	Address of Applicant :415 50 GOTEBORG Sweden (72)Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)ROBERTO MOLA 2)RICCARDO RESTIVO
(87) International Publication No	: NA	3)GIANPIERO SCALTRITI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A device (1) including an annular groove (11) obtained on a lateral assembly surface (10) of a ring (2) of a bearing (3) in contact in use with a seat (8) with respect to which the ring (2) must remain stationary; a first element (15) shaped as a circumferentially open ring and preferably defined by a circumferential ring segment having a non-constant radial thickness (S) and always smaller than a radial depth (P) of the annular groove (11), mounted within the annular groove free to move circumferentially in the annular groove (11); and a second element (16), shaped as a closed ring, which engages the annular groove (11), within which it is mounted radially superimposed on the first element (15) on the side of the lateral assembly surface (10) and having a constant radial thickness (F) such that the second element (16) protrudes radially and overhangingly with respect to the lateral assembly surface (10) at least in correspondence with part (25) of the first element (15).

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

(22) Date of filing of Application :07/05/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : DEVICE, SYSTEM, AND METHOD FOR LOGGING NEAR FIELD COMMUNICATIONS TAG INTERACTIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:61/651,423 :24/05/2012 :U.S.A. :NA :NA : NA : NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An apparatus, method and system for categorizing, parsing, grouping and displaying Near Field Communication (NFC) tags for presentation on a user device, including storing in a computer readable medium of a log of ones of the tags read by or written by the user device, assessing at least one category for each of the logged tags, and displaying, in conjunction with at least one indicator indicative of the respective at least one category, of each of the logged tags on the user device.

No. of Pages: 89 No. of Claims: 22

(22) Date of filing of Application :01/08/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: ACQUIRING RESOURCES FROM LOW PRIORITY CONNECTION REQUESTS IN SAS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:NA :NA :NA :NA :NA	(71)Name of Applicant: 1)LSI CORPORATION Address of Applicant:1320 RIDDER PARK DRIVE, SAN JOSE, CALIFORNIA 95131 U.S.A. (72)Name of Inventor: 1)VIDYADHAR PINGLIKAR 2)SHANKAR T. MORE
(87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:NA : NA :NA :NA :NA	2)SHANKAR T. MORE
Filing Date	:NA	

(57) Abstract:

Systems and methods herein provide for managing connection requests through a Serial Attached Small Computer System Interface (SAS) expander. In one embodiment, the expander receives a low priority open address frame (OAF) that includes a source address and a destination address. The expander also receives a high priority OAF that includes a source address and a destination address. The high priority OAF requires at least a portion of a partial path acquired by the low priority OAF for which connection request arbitration is in progress. The expander determines whether the high OAF source address matches the low OAF destination address, and in response to a determination that the high OAF source address is different than the low OAF destination address, acquires pathway resources from the low priority OAF and forwards the high priority OAF in accordance with its destination address.

No. of Pages: 22 No. of Claims: 18

(19) INDIA

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

(21) Application No.4278/CHE/2013 A

(43) Publication Date: 06/02/2015

(54) Title of the invention: OIL 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 (11) Patent of Addition to Application Number 	:2012- 218211 :28/09/2012 :Japan :NA :NA	(71)Name of Applicant: 1)HONDA MOTOR CO., LTD. Address of Applicant:1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan (72)Name of Inventor: 1)KUBO, KATSUHIRO 2)IIZUKA, NORIKO 3)NAKAI, KAZUYUKI
(87) International Publication No(61) Patent of Addition to Application Number	: NA :NA	3)NAKAI, KAZUYUKI 4)KAWATSU, HIROTAKA
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

To provide an oil pump that restricts movement in an axial direction of an oil pump shaft, ensures rigidity of an inner rotor, ensures a reduced size of the oil pump, and eliminates restrictions on the placement of the oil pump and peripheral components, thus improving the degree of freedom in designing the internal combustion engine. [Solution] An oil pump (50) includes a thick first lid member (55) and a second lid member (56). The first lid member (55) covers an oil pump housing (54), includes a circular hole (55a) with approximately a same diameter as a diameter of the oil pump shaft (53), and supports the oil pump shaft (53). The second lid member (56) includes a specific shaped hole (56a) formed of a large-diameter hole (56b) and a small-diameter hole (56c). The oil pump shaft (53) includes a groove portion (53a) formed in a peripheral direction. The groove portion (53a) is engaged with the small-diameter hole (56c) of the second lid member (56). The oil pump shaft (53) is supported by the oil pump housing (54) and the first lid member (55). The small-diameter hole (56c) is engaged with the groove portion (53a). The first lid member (55) and the second lid member (56) are fastened together to the oil pump housing (54).

No. of Pages: 29 No. of Claims: 5

(19) INDIA

(22) Date of filing of Application :30/07/2013 (43) Publication Date : 06/02/2015

(21) Application No.3390/CHE/2013 A

(54) Title of the invention: ANTI DIABETIC DRUG OBTAINED FROM HERBAL SALT

(51) International classification	:A61K	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DR. S. RAVI KUMAR
(32) Priority Date	:NA	Address of Applicant :SCHOOL OF MARINE SCIENCES,
(33) Name of priority country	:NA	DEPARTMENT OF OCEANOGRAPHY AND COASTAL
(86) International Application No	:NA	AREA STUDIES, ALAGAPPA UNIVERSITY, THONDI
Filing Date	:NA	CAMPUS 623 409 RAMANATHAPURAM Tamil Nadu India
(87) International Publication No	: NA	2)V. SARAVANAN
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. S. RAVI KUMAR
(62) Divisional to Application Number	:NA	2)V. SARAVANAN
Filing Date	:NA	

(57) Abstract:

The inventive subject matter relates to an anti-diabetic drug that would be used in the therapeutics treatment of diabetes. More specifically the invention relates to the process of isolation/extraction of herbal salt from Sesuvium portulacastrum a salt marsh herb. The novel formulation thus obtained can be used for therapeutics treatment of diabetes in the form of oral drug.

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

(22) Date of filing of Application :30/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: OXYEN SENSOR MOUNTING ARRANGEMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:F02D :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)TVS MOTOR COMPANY LIMITED Address of Applicant: JAYALAKSHMI ESTATES, 29, (OLD NO.8) HADDOWS ROAD, CHENNAI - 600 006 Tamil Nadu India (72)Name of Inventor:
(87) International Publication No	: NA	1)VARADH IYENGAR LAKSHMINARASIMHAN
(61) Patent of Addition to Application Number	:	2)MALUVADU SUNDARAMAN ANAND KUMAR
Filed on (62) Divisional to Application Number	:01/01/1900 :NA	7)
(62) Divisional to Application Number Filing Date	:NA :NA	4)DHARAMAPURI NAGENDRA KUMAR

(57) Abstract:

Present invention disclosure describes a mounting arrangement of an oxygen sensor/oxygen sensor over the exhaust port of the cylinder head of an internal combustion engine. Said oxygen sensor is inserted inside the exhaust port from upward direction such that the vertical axis of the oxygen sensor is parallel to the vertical axis of the cylinder head and is at an acute (preferably 82 degree) angle to the horizontal axis of the exhaust port. This provision for oxygen sensor ensures larger surface area for contact with exhaust gas for more duration of contact and hence the accuracy of the oxygen sensor increases.

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

(43) Publication Date: 06/02/2015

(21) Application No.3622/CHENP/2013 A

(22) Date of filing of Application :08/05/2013

(54) Title of the invention: SEAL AND METHOD FOR PRODUCING A SEALING RING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F16J15/00 :10 2010 051 403.9 :15/11/2010 :Germany :PCT/IB2011/002161 :16/09/2011 :WO 2012/066395 :NA :NA :NA	(71)Name of Applicant: 1)CARL FREUDENBERG KG Address of Applicant: Hhnerweg 2 4 69469 Weinheim Germany (72)Name of Inventor: 1)FIETZ Roland
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(57) Abstract:

(19) INDIA

A seal includes at least one sealing profile (1.1 1.2 1.3) with at least one sealing lip (2.1 2.2 2.3) and at least one hook shaped claw connector (3.1 4.2 3.3 4.3) which when viewed in the cross section of the sealing profile (1.1 1.2 1.3) is adjacent to the sealing lip $(2.1\ 2.2\ 2.3).$

No. of Pages: 21 No. of Claims: 14

(22) Date of filing of Application :30/10/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: ACID AND ALKALI RESISTANT NI-CR-MO-CU ALLOYS WITH CRITICAL CONTENTS OF CHROMIUM AND COPPER

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:C22C :61/640,096 :30/04/2012 :U.S.A. :NA	(71)Name of Applicant: 1)HAYNES INTERNATIONAL, INC. Address of Applicant:1020 WEST PARK AVENUE, P O BOX 9013, KOKOMO INDIANA 46904-9013 U.S.A. (72)Name of Inventor:
Filing Date	:NA	1)PAUL CROOK
(87) International Publication No	: NA	2)VINAY P. DEODESHMUKH
(61) Patent of Addition to Application Number	:1875/CHE/2013	
Filed on	:26/04/2013	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A nickel-chromium-molybdenum-copper alloy resistant to 70% sulfuric acid at 93°C and 50% sodium hydroxide at 121 °C for acid and alkali neutralization in the field of waste management; the alloy contains, in weight percent, 27 to 33 chromium, 4.9 to 7.8 molybdenum, 3.1 to 6.0 wt.% copper (when chromium is between 30 and 33 wt.%) or 4.7 to 6.0 wt.% copper (when chromium is between 27 and 29.9 wt.%), up to 3.0 iron, 0.3 to 1.0 manganese, 0.1 to 0.5 aluminum, 0.1 to 0.8 silicon, 0.01 to 0.11 carbon, up to 0.13 nitrogen, up to 0.05 magnesium, up to 0.05 rare earth elements, with a balance of nickel and impurities. Titanium or another MC carbide former can be added to enhance thermal stability of the alloy.

No. of Pages: 20 No. of Claims: 14

(19) INDIA

(22) Date of filing of Application :23/09/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: PLUG

(51) International classification	:B23P	(71)Name of Applicant:
(31) Priority Document No	:10 2012	1)CARL FREUDENBERG KG
(31) Thority Document No	019 105.7	Address of Applicant :HOEHNERWEG 2-4, 69469
(32) Priority Date	:28/09/2012	WEINHEIM Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)UNGER, HANS
Filing Date	:NA	2)HELDMANN, RALF
(87) International Publication No	: NA	3)STEPHAN, INGO
(61) Patent of Addition to Application Number	:NA	4)CLEMENS, MARKUS
Filing Date	:NA	5)HARTMANN, CARSTEN
(62) Divisional to Application Number	:NA	6)JAKOB, ERNST
Filing Date	:NA	7)REDDIG, STEPHAN

(21) Application No.4311/CHE/2013 A

(57) Abstract:

A plug 1 is described with which to connect, in a sealing manner, two cylindrical surfaces that are allocated to one another, consisting essentially of a hollow-bodied support shell 2, that exhibits at least one ring-shaped, circumferential sealing element that can be brought to engage with one of the cylindrical surfaces to be sealed in order to produce a sealing connection, whereby the sealing element is designed as a ring-shaped, circumferential sealing beaded rim 3, 30 with a curved sealing surface on the outer surface of the support shell 2. It is provided, in accordance with the invention, that, the ring-shaped, circumferential sealing beaded rim 3, 30 exhibits a circumferential groove in the area of the curved sealing surface that follows its contour. Simplified insertion of the plug into the installation space is achieved therewith.

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

(22) Date of filing of Application :26/09/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: PACKAGE MADE FROM SHEET 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 	:27/09/2012 :WO 2013/130130 :NA	(71)Name of Applicant: 1)MEADWESTVACO CORPORATION Address of Applicant:501 SOUTH 5TH STREET,RICHMOND, VIRGINIA 23219-0501 U.S.A (72)Name of Inventor: 1)RODNEY D. DIXON 2)MARTY JONES
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2).VICKTT GOTVES
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A package made from sheet material having a sealable coating, the package comprising; a front panel (210) comprising an upper edge forming a fold line with the front edge of a top panel (230), side edges each forming a fold line with a front edge of an outer side panel (216), and a lower edge forming a fold line with the front edge of a bottom panel (240); a back panel (220) comprising a lower edge forming a fold line with the back edge of the bottom panel (240), and an upper edge forming a fold line with an upper edge of an extension panel, the extension panel having side edges each forming a folded line with the back edge of an inner side panel; wherein the back edge of the top panel (230) forms a fold line in common with a top closure panel (239); wherein the front panel (210), back panel (220), top panel (230), and bottom panel (240) form a rectangular tube with the extension panel forming at least part of an interior wall of the tube, with at least one end closed by one of said inner side panels folded forward so that its first surface faces outward, one of said outer side panels (216) folded backward so that its first surface faces inward, and the respective first surfaces of said inner side panel and said outer side panel (216) being sealed together.

No. of Pages: 72 No. of Claims: 7

(22) Date of filing of Application :26/09/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: TELECOMMUNICATIONS ENCLOSURE AND ORGANIZER

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G02B6/44 :61/619,747 :03/04/2012	(71)Name of Applicant: 1)TYCO ELECTRONICS RAYCHEM BVBA Address of Applicant: Diestsesteenweg 692, B-3010 Kessel- Lo,Belgium
(33) Name of priority country(86) International Application No Filing Date(87) International Publication No	:U.S.A. :PCT/EP2013/055989 :21/03/2013 :WO 2013/149846	(72)Name of Inventor: 1)AZNAG,Mohamed 2)DE GROE,Emilie 3)KEUSTERMANS,Erik
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA	4)HOUBEN,Diederik 5)COENEGRACHT,Philippe 6)DOULTREMONT,Pieter 7)VAN GENECHTEN,Geert
Filing Date	:NA	8)FREDERICKX,Maddy,Nadine 9)MICHIELS,Maarten

(57) Abstract:

A closure (10) includes a cover (4) and seal block (18). A feeder cable pathway and rear cover is provided for separation of feeder cables from drop cables. The organizer (426) in the closure includes an end cap and rear cable storage (190). Cable fixation clips, linear or bendable, can be used individually or daisy chained together. Cable fixation chambers (224, 226) are positioned on top of the gel block (220) housing. The organizer is a click together organizer. Dual heights on cable guides on sides of the groove plate facilitate cable installation. Tray supports with rounded ends prevent looseness of the tray mounts. Other organizers include cable routing features for compact storage.

No. of Pages: 82 No. of Claims: 61

(19) INDIA

(22) Date of filing of Application :26/09/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: UOE STEEL TUBE AND 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 	:2012-083904 :02/04/2012 :Japan :PCT/JP2013/060108 :02/04/2013 :WO 2013/151056 :NA :NA	(71)Name of Applicant: 1)JFE STEEL CORPORATION Address of Applicant: 2-3,Uchisaiwai-cho 2-chome,Chiyoda-ku, Tokyo 100-0011,Japan (72)Name of Inventor: 1)TAJIKA,Hisakazu 2)SAKIMOTO,Takahiro 3)IGI,Satoshi
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.2057/KOLNP/2014 A

(57) Abstract:

This UOE steel tube is used for forming a structure by being subjected to butt circumferential welding, and has a corrugated outer diameter shape in a longitudinal direction, the UOE steel tube being characterized by being molded such that the minimum value of the corrugated outer diameter shape is not present within a predetermined length range from both ends in the longitudinal direction. More specifically, a UOE steel tube according to a first aspect of the present invention is formed by performing control such that the minimum value of a corrugated outer diameter shape is not present within the range of $2.26 3.86\lambda$ (provided that λ indicates the initial buckling half wavelength of the UOE steel tube) from both ends in the longitudinal direction. In a UOE steel tube according to a second aspect of the present invention, a flat portion in which the amount of change of a tube diameter is 0.02% or less of the outer diameter of the UOE steel tube is formed at least in the range of 2λ in the longitudinal direction from both ends in the longitudinal direction.

No. of Pages: 35 No. of Claims: 6

(22) Date of filing of Application :26/09/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: SERINE/THREONINE KINASE INHIBITORS

(51) International classification	:C07D401/14,C07D405/14,C07D413/14	(71)Name of Applicant: 1)ARRAY BIOPHARMA INC.
(31) Priority Document No	:61/605,523	Address of Applicant :3200 Walnut Street, Boulder, Colorado 80301 United States of America
(32) Priority Date	:01/03/2012	2)GENENTECH,INC.
(33) Name of priority	:U.S.A.	(72)Name of Inventor:
country	.0.5.71.	1)BLAKE,James F.
(86) International	:PCT/US2013/028622	2)CHICARELLI,Mark Joseph
Application No	:01/03/2013	3)GARREY,Rustam Ferdinand
Filing Date	.01/03/2013	4)GAUDINO,John
(87) International	:WO 2013/130976	5)GRINA,Jonas
Publication No		6)MORENO,David A.
(61) Patent of Addition to) · N A	7)MOHR,Peter J.
Application Number	:NA	8)REN,Li
Filing Date	.IVA	9)SCHWARZ,Jacob
(62) Divisional to	:NA	10)CHEN,Huifen
Application Number		11)ROBARGE,Kirk
Filing Date	:NA	12)ZHOU,Aihe

(57) Abstract:

Compounds of Formula I or a stereoisomer, tautomer, prodrug or pharmaceutically acceptable salt thereof are provided, which are useful for the treatment of hyperproliferative, pain and inflammatory diseases. Methods of using compounds of Formula I or a stereoisomer, tautomer, prodrug or pharmaceutically acceptable salt thereof, for in vitro, in situ, and in vivo diagnosis prevention or treatment of such disorders in mammalian cells, or associated pathological conditions are disclosed.

No. of Pages: 250 No. of Claims: 177

(22) Date of filing of Application :07/10/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention : APPARATUS AND METHOD TO FEED AND PRE-HEAT A METAL CHARGE TO A MELTING FURNACE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F27B 3/18, C21C 5/52 :UD2012A000039 :09/03/2012 :Italy :PCT/IB2013/000325 :07/03/2013 :WO/2013/132306 :NA :NA :NA	(71)Name of Applicant: 1)DANIELI & C. OFFICINE MECCANICHE SPA Address of Applicant:VIA NAZIONALE, 41, I-33042 BUTTRIO (IT). (72)Name of Inventor: 1)POLONI, ALFREDO
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(57) Abstract:

An apparatus (10) to feed and pre-heat a metal charge (11) to a melting furnace (12) of a steelworks comprises a feeding and pre-heating tower (14) separate from the melting furnace (12) provided with at least one compartment (13) to temporarily contain said metal charge (11), transfer means (19) to transfer said metal charge (11) to said melting furnace (12) and conveying means (26) to convey the fumes exiting from the melting furnace (12) to said compartment (13). The apparatus (10) also comprises a post-combustion chamber (25), disposed adjacent to and below said compartment (13), and connected on one side to said compartment (13) and on another side to said conveying means (26), the post-combustion chamber (25) being configured to determine the expansion of the fumes introduced by the conveying means (26) and to direct said expanded fumes toward said compartment (13) along a path such as to determine a desired residence time of said fumes suitable to obtain at least the substantial complete combustion of the unburned gases present in said fumes.

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

POULTRY BLOOD

(22) Date of filing of Application :07/10/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: METHOD FOR PRODUCING LOW-ASH POULTRY PLASMA PROTEIN POWDER BY UTILIZING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No. 	:A23K1/04,A23J1/06 :201210062535.2 :09/03/2012 :China	(71)Name of Applicant: 1)SHANGHAI GENON BIOLOGICAL PRODUCT CO., LTD Address of Applicant :No.22 Xuanchun Road, Pudong New Area Shanghai 201300 PEOPLE'S REPUBLIC OF CHINA (72)Name of Inventor:
(86) International Application No Filing Date	:08/03/2013 :WO 2013/131494	1)CHENG, Guoxiang
(87) International Publication No(61) Patent of Addition to ApplicationNumberFiling Date	:WO 2013/131494 :NA :NA	2)JIANG, Guoyong 3)YU, Wei 4)PAN, Yong 5)ZHANG, Jun
(62) Divisional to Application Number Filing Date	:NA :NA	6)ZHU, Daming 7)LIU, Minggang 8)XIONG, Kaibao

(57) Abstract:

The present invention relates to a method for producing low-ash poultry plasma protein powder by utilizing poultry blood. Specifically, the method of the present invention comprises the steps of: mixing the poultry blood with an anticoagulant to obtain anticoagulated whole blood; centrifugally separating the anticoagulated whole blood to obtain plasma liquid; de-calcifying the plasma liquid via a precipitation reaction, ultra-filtrating the plasma liquid via a ultra-filtration membrane, emulsifying, and nano-filtrating to obtain the concentrated plasma liquid; and drying the concentrated plasma liquid to obtain the poultry plasma protein powder. The method of the present invention effectively overcomes the defect of difficult poultry blood deep processing, achieves the recycling of poultry blood resource, avoids wasting resources, and reduces environmental pollution; and the produced plasma protein powder has the advantages of high protein content, good palatability, balanced amino acid and the like.

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

(21) Application No.2107/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 07/10/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: RAILWAY VEHICLE BOGIE

(51) International classification :B61F5/30,B61F5/32,B61F5/52 (71)Name of Applicant :

(31) Priority Document No :2012-087064 (32) Priority Date :06/04/2012

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2013/001596

Filing Date :12/03/2013 (87) International Publication No :WO 2013/150720

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

:NA Number :NA Filing Date

1)KAWASAKI JUKOGYO KABUSHIKI KAISHA

Address of Applicant: 1-1. Higashikawasaki-cho 3-chome.

Chuo-ku, Kobe-shi, Hyogo 6508670 JAPAN

(72)Name of Inventor: 1)NISHIMURA, Takehiro 2)NAKAO, Shunichi

(57) Abstract:

This railway vehicle bogie prevents a leaf spring from shifting more than expected in the longitudinal direction of said leaf spring. This railway vehicle bogie (1) is provided with: a cross beam (4) which supports the body (11) of a railway vehicle; a pair of front and back axles (5) which are arranged along the vehicle width direction in the front and back of the cross beam (4) in the vehicle longitudinal direction; bearings (7) which are provided on both sides of the axles (5) in the vehicle width direction and rotatably support the axles (5); axle boxes (41) which house the bearings (7); a leaf spring (30) which extends in the vehicle longitudinal direction in a state in which the cross beam (4) is supported at both ends (4a) in the vehicle width direction, and which is supported by the axle boxes (41), with both ends (30c) in the vehicle longitudinal direction arranged above the axle boxes (41); and a first side wall (31b) which is arranged in the longitudinal direction of the leaf spring so as to be outside of both ends (30c) of the leaf spring (30) in the longitudinal direction, and which limits horizontal movement of the leaf spring (30) of or exceeding a prescribed amount relative to the top surface of the axle boxes (41) in the longitudinal direction.

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

(22) Date of filing of Application :25/09/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention : POWER USAGE MONITORING OF POWER FEED CIRCUITS USING POWER DISTRIBUTION UNITS.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:22/03/2013 :WO 2013/142838 :NA	(71)Name of Applicant: 1)SERVER TECHNOLOGY, INC. Address of Applicant: 1040 SANDHILL DRIVE, RENO, NV 89521 UNITED STATES OF AMERICA (72)Name of Inventor: 1)NICHOLSON, CALVIN 2)GORDON, MICHAEL
. ,	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method of monitoring power usage includes 1) accessing power usage data for power distribution unit infeeds of a plurality of power distribution units; 2) accessing stored circuit descriptions describing interconnections of the power distribution unit infeeds to a number of power feed circuits; 3) transforming the plurality of power distribution units into a power usage monitor for monitoring power usage of the power feed circuits by aggregating at least some of the power usage data based on the interconnections of the power distribution unit infeeds to the number of power feed circuits; and 4) outputting representations of the aggregated power usage data

No. of Pages: 46 No. of Claims: 21

(22) Date of filing of Application :09/10/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: INHIBITORS OF HUMAN EZH2, AND METHODS OF USE THEREOF

(51) International :A61K31/00,A61K31/4162,A61K31/497 classification

(31) Priority Document :13/418,242

(32) Priority Date :12/03/2012 (33) Name of priority :U.S.A.

country

(86) International :PCT/US2013/030565

Application No

:12/03/2013 Filing Date

(87) International

:WO 2013/138361 Publication No

:NA

(61) Patent of Addition to Application Number

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

(71)Name of Applicant: 1)EPIZYME, INC.

Address of Applicant: 400 Technology Square, 4th Floor,

Cambridge, MA 02139, United States of America

(72)Name of Inventor:

1)KUNTZ, Kevin, Wavne

2)KNUTSON, Sarah, Kathleen 3)WIGLE, Timothy James, Nelson

(57) Abstract:

The invention relates to inhibition of wild-type and certain mutant forms of human histone methyltransferase EZH2, the catalytic subunit of the PRC2 complex which catalyzes the mono- through tri-methylation of lysine 27 on histone H3 (H3-K27). In one embodiment the inhibition is selective for the mutant form of the EZH2, such that trimethylation of H3-K27, which is associated with certain cancers, is inhibited. The methods can be used to treat cancers including follicular lymphoma and diffuse large B-cell lymphoma (DLBCL). Also provided are methods for identifying small molecule selective inhibitors of the mutant forms of EZH2 and also methods for determining responsiveness to an EZH2 inhibitor in a subject.

No. of Pages: 178 No. of Claims: 17

(21) Application No.2136/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :09/10/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: CHIMERIC PROTEINS FOR TREATMENT OF DISEASES

(51) International :C07K14/705,C12N15/62,G01N33/569 classification

(31) Priority Document No:61/609,523

(32) Priority Date :12/03/2012 (33) Name of priority :U.S.A. country

(86) International :PCT/IB2013/000845

Application No :12/03/2013 Filing Date

(87) International

:WO 2013/136180 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA Application Number :NA (71)Name of Applicant:

1)SCARATECH MEDICAL AB

Address of Applicant : Lofstroms Alle 5a, S-172 66

Sundbyberg Sweden (72)Name of Inventor: 1)TRYGGVASSON, Karl 2)PIKKARAINEN, Timo

3)OJALA, Juha 4) AXELSSON, Jonas

(57) Abstract:

Filing Date

A chimeric protein is made from the combination of (i) a pathogen recognition module derived from a scavenger receptor and (ii) an anchor domain from a different scavenger receptor. The chimeric protein binds to specific pathogens and is useful in various treatments.

No. of Pages: 60 No. of Claims: 27

(22) Date of filing of Application :09/10/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention : CATIONIC LIPOSOMAL DRUG DELIVERY SYSTEM FOR SPECIFIC TARGETING OF HUMAN CD14+ MONOCYTES IN WHOLE BLOOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K9/127,A61P35/02 :12159497.2 :14/03/2012 :EPO :PCT/EP2013/055207 :14/03/2013 :WO 2013/135800 :NA :NA :NA	(71)Name of Applicant: 1)BIONEER A/S Address of Applicant: Kogle Allé 2, DK-2970 Hørsholm Denmark 2)DANMARKS TEKNISKE UNIVERSITET (72)Name of Inventor: 1)JENSEN, Simon Skjøde 2)ANDRESEN, Thomas Lars 3)HENRIKSEN, Jonas Rosager 4)JOHANSEN, Pia Thermann
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(57) Abstract:

This invention concerns a liposome comprising lipids and at least one active ingredient, wherein at least one of the lipids is a cationic lipid; said liposome exhibiting a net positive charge at physiological conditions at which said liposome preferentially adheres to monocytes in freshly drawn blood when compared to adherence to granulocytes, T-lymphocytes, B- lymphocytes and/or NK cells in freshly drawn blood, to a lipid-based pharmaceutical composition comprising said liposomes and their use in monocytic associated prophylaxis, treatment or amelioration of a condition such as cancer, an infectious disease, an inflammatory disease, an autoimmune disease or allergy.

No. of Pages: 59 No. of Claims: 47

(22) Date of filing of Application :09/10/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: MEDICAMENT DELIVERY 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 	:07/03/2013 :WO 2013/135566	(71)Name of Applicant: 1)CAREBAY EUROPE LTD Address of Applicant: Suite 3, Tower Business Centre, Tower Street, Swatar, BKR 4013 Malta (72)Name of Inventor: 1)BJÖRK, Emil 2)OLSON, Stephan 3)RATJEN, Jochen
(87) International Publication No	:WO 2013/135566	2)OLSON, Stephan
Number Filing Date	:NA :NA	4)ELMÉN, Gunnar
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A medicament delivery device comprising a housing (10; 110; 210; 310; 414) configured to receive a medicament container (16; 112; 316; 452) having a delivery member (20; 114; 318; 448) and a shield (22; 116; 320; 446), a protective cap (26; 26; 214; 324; 428), and wherein the protective cap comprises connecting means (64; 140; 332; 444) for connecting to the shield of the medicament container such that removal of the protective cap from the housing causes removal of the shield from the medicament container. The invention is characterised in that a protective cap assembly (24; 128; 212; 322; 410) comprises first disconnecting means configured to interact with corresponding second disconnecting means of the housing and of the protective cap such that activation of the first disconnecting means of the protective cap assembly causes the displacement of the protective cap relative to the housing.

No. of Pages: 70 No. of Claims: 31

(21) Application No.2068/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/09/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention: HYDRAULIC ATTACHMENT

(51) International classification :E02F5/32,B25D9/00,E02F9/22 (71)Name of Applicant : (31) Priority Document No 1)CONSTRUCTION TOOLS GMBH :10 2012 006 933.2 (32) Priority Date Address of Applicant: Helenenstrasse 149, 45143 Essen. :05/04/2012 (33) Name of priority country **GERMANY** :Germany (86) International Application No :PCT/DE2013/000158 (72) Name of Inventor: Filing Date :19/03/2013 1)PREUSS, Oliver (87) International Publication No :WO 2013/149608 2)LOHMANN, Stefan

(57) Abstract:

The present invention relates to a hydraulic attachment comprising a hydraulic circuit, the attachment being a construction or demolition tool, in particular a hydraulic breaker, demolition shears, scrap shears, a pulveriser, a gripper, a crusher bucket or a compactor, which can be mechanically connected to a support device and hydraulically connected to the hydraulic system of the support device. In order to enable the hydraulic circuit to be opened quickly and safely within an attachment and, in particular, to make it possible to display the presence of a particular pressure level within a hydraulic attachment and to determine whether a dangerous residual pressure is present in the system, a hydraulic attachment is proposed that has a residual pressure display (40) which is connected to the hydraulic circuit of the attachment in a detachable or non-detachable manner.

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

(19) INDIA

(22) Date of filing of Application :29/09/2014

(21) Application No.2069/KOLNP/2014 A

(43) Publication Date: 06/02/2015

(54) Title of the invention: CABLE FIXATION BRACKET

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:G02B6/44 :61/619,660 :03/04/2012 :U.S.A. :PCT/EP2013/056614 :27/03/2013 :WO 2013/149922	(71)Name of Applicant: 1)TYCO ELECTRONICS RAYCHEM BVBA Address of Applicant: Diestsesteenweg 692, B-3010 Kessel-Lo, BELGIUM (72)Name of Inventor: 1)SCHURMANS, Eric 2)ALAERTS, Roger
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	3)CLAESSENS, Bart, Mattie 4)BERVOETS, Marc 5)ISTAS, Peter, Jerome, J

(57) Abstract:

A cable termination bracket (18) includes abase (32) configured to be mounted to a piece of telecommunications equipment (20), the base (32) defining a front (40) and a back (42), the base (32) defining a first sidewall (34) and a second sidewall (36). A plate (48/50) is configured to be mounted to the first and second sidewalls (34, 36) to allow for limited relative movement there between, the plate (48/50) defining a first clamp mount (84) for receiving a first clamp assembly (86) for fixedly mounting a strength member (14) of a telecommunications cable (10) to the plate (48/50) such that any forces on the strength member (14) are transferred to the plate (48/50). When the plate (48/50) is pulled or pushed with respect to the base (32), the plate (48/50) is restricted from movement along a front to back direction, wherein the plate (48/50) is mounted to the base (32) such that the plate (48/50) is configured to relatively move with respect to the base (32) along a first plane (140) perpendicular to the first and second sidewalls (34, 36) and along a second plane (142) parallel to the first and second sidewalls (34, 36).

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

(22) Date of filing of Application :29/09/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: HOT-ROLLING-SEQUENCE DETERMINATION SYSTEM AND HOT-ROLLING-SEQUENCE **DETERMINATION METHOD**

(51) International :B21B37/00,B21B1/00,G05B19/418

classification (31) Priority Document No :2012-089503

:10/04/2012 (32) Priority Date (33) Name of priority country: Japan

(86) International Application: PCT/JP2013/056180

No :06/03/2013 Filing Date

(87) International Publication :WO 2013/153879

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

Filing Date (62) Divisional to Application:NA Number

:NA Filing Date

(71)Name of Applicant:

1)JFE STEEL CORPORATION

(21) Application No.2070/KOLNP/2014 A

Address of Applicant :2-3, Uchisaiwai-cho 2-chome, Chiyoda-

ku, Tokyo 100-0011 JAPAN (72)Name of Inventor: 1)YAMAGUCHI, Osamu

2)KIMURA, Keisuke 3)JINNOUCHI, Tatsuya 4)WAKIYASU, Hideki

5)OKAZAKI, Kentaro

(57) Abstract:

(19) INDIA

In this hot rolling-sequence determination system and hot-rolling-sequence determination method, during mixed-rolling operation, if the extraction time of hot charged slabs from a reheating furnace (51) or the number of hot charged slabs entering the reheating furnace (51) differs from a steelmaking-process operation schedule, a controller (15) amends a hot-rolling sequence, determines a hotrolling process operation schedule on the basis of the amended hot-rolling sequence, determines whether the hot-rolling process operation schedule after the hot-rolling sequence has been amended satisfies constraint conditions, and controls the hot-rolling process on the basis of an operation schedule which satisfies the constraint conditions.

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

(22) Date of filing of Application: 10/10/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: CHECK VALVE FOR AN UPWARDLY DIRECTED DOUCHE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:202012002585.6 :13/03/2012 :Germany	(71)Name of Applicant: 1)NEOPERL GMBH Address of Applicant:Klosterrunsstrasse 11, 79379 Müllheim,Germany (72)Name of Inventor: 1)HAUTH,Mathias
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(21) Application No.2157/KOLNP/2014 A

(57) Abstract:

(19) INDIA

The invention relates to a check valve (1) which has a jet nozzle (4), which can be connected to an inflow (3), and an intercepting part (5), which has the task of intercepting the liquid jet coming from the jet nozzle (4), via a free jet path (6), and can be, or is, connected to an outflow (7), and having a drain (8), which is arranged beneath the free jet path (6) and has the task of channelling out a quantity of liquid not intercepted by the intercepting part (5). The check valve (1) according to the invention is characterized in that an insert cartridge (9), which bears the jet nozzle (4) and the intercepting part (5), is provided, in that the insert cartridge (9) is retained in a use position such that the jet nozzle (4) is connected to the inflow (3) and the intercepting part (5) is connected to the outflow (7), and in that the insert cartridge (9), in its cartridge portion which is arranged between the jet nozzle (4) and intercepting part (5) and forms, or bounds, the free jet path (6), has at least one cartridge opening (11) which can be connected to the drain (8).

No. of Pages: 64 No. of Claims: 50

(21) Application No.2063/KOLNP/2014 A

Address of Applicant : Zugerstrasse 8, CH-6330 Cham

1)GALDERMA S.A.

(72) Name of Inventor:

1)MANNA, Vasant, Kumar

4)ETCHEGARAY, JEAN-PIERRE

2)SEGURA, SANDRINE

3)BUSSARD, LUDOVIC

SWITZERLAND

(19) INDIA

(22) Date of filing of Application :29/09/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: METHOD OF TREATING ACNE

(51) International classification: A61K9/24, A61K9/50, A61K31/65 (71) Name of Applicant: (31) Priority Document No :61/635,606 (32) Priority Date :19/04/2012

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

(86) International Application :PCT/IB2013/000947

No :19/03/2013 Filing Date

(87) International Publication :WO 2013/156853

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

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

5)FREIDENREICH,PHILIP :NA

(57) Abstract:

An improved method for treating acne is described. The method involves 16-week, once daily, oral administration of about 40 mg doxycycline in a pharmaceutical composition containing about 30 mg doxycycline in an immediate release portion and about 10 mg doxycycline in a delayed release portion. It was surprisingly discovered that the 16-week, once daily, oral administration of about 40 mg doxycycline has achieved same or superior efficacy than that of 100 mg doxycycline, but with a significant reduction in adverse events.

No. of Pages: 33 No. of Claims: 7

(22) Date of filing of Application :29/09/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: WHEEL BALANCING WEIGHT 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 	:F16F15/32 :61/613,862 :21/03/2012 :U.S.A. :PCT/US2013/033260 :21/03/2013 :WO 2013/142664 :NA :NA	(71)Name of Applicant: 1)WEGMANN AUTOMOTIVE USA INC. Address of Applicant: 1715 Joe B. Jackson Pkwy, Murfreesboro, TN 37127 UNITED STATES OF AMERICA (72)Name of Inventor: 1)McMAHON, Charles, Robert 2)BODE, Felix
` /		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A wheel balancing weight has a mass body with a first face having a first surface. A groove is formed in the first face and has a groove surface recessed to a groove depth relative to the first surface and has groove walls opposite one another across the groove. A slot having a slot depth greater than the groove depth is formed at least partly into the groove surface near each side wall. An attachment clip has a clip portion and an attachment portion with a pair of opposed side edges. A protruding element is provided on each side edge of the attachment portion.

No. of Pages: 30 No. of Claims: 20

(22) Date of filing of Application :29/09/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: DEVICE AND METHOD FOR PLASMA-COATING ELONGATED CYLINDRICAL COMPONENTS

(51) International classification :C23C16/54,C23C16/513,C03B37/018 (31) Priority Document No :10 2012 004 155.1

:05/03/2013

(32) Priority Date :05/03/2012
(33) Name of priority :Germany

country

(86) International Application No :PCT/DE2013/000113

Filing Date

(87) International

Publication No :WO 2013/131508

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

(71)Name of Applicant:

1)DR. LAURE PLASMATECHNOLOGIE GMBH

Address of Applicant : Schwanenstrasse 12, 70329 Stuttgart,

GERMANY

(72)Name of Inventor:

1)LAURE, Stefan

(57) Abstract:

The invention relates to a device and a method for plasma-coating elongated cylindrical components. The device has at least one process chamber (1); a first elongated storage chamber (2) and a second elongated storage chamber (3), which are connected free of shut-off devices to the process chamber (1); a first elongated transfer chamber (4), which is connected to the first storage chamber (2), and a second transfer chamber (5), which is connected to the second storage chamber (3); shut-off devices (9, 10, 11, 12) at both ends of the first and second transfer chambers (4, 5); at least one pump system (6, 36); a conveying device in the first and second transfer chambers (4, 5) and in the first and second storage chambers (2, 3) that supplies at least two components (13, 14) at the same time and aligned parallel to one another to the process chamber (1) and removes said components from the process chamber (1); and at least one plasma torch in or on the process chamber (1).

No. of Pages: 43 No. of Claims: 17

(22) Date of filing of Application :29/09/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: SYNCHRONOUS RELUCTANCE MOTOR AND UNDERWATER 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 	:03/04/2013 :WO 2013/150061 :NA :NA :NA	(71)Name of Applicant: 1)KSB AKTIENGESELLSCHAFT Address of Applicant: Johann-Klein-Straße 9, 67227 Frankenthal, GERMANY (72)Name of Inventor: 1)URSCHEL, Sven
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a synchronous reluctance motor for an underwater pump having a stator and a rotor which comprises a fluid barrier section for forming one or more magnetic pole pairs, wherein the airgap between the rotor (12) and the stator (11) is at least partially filled with a ferrofluid (20). A further partial aspect of the invention relates to an underwater pump with such a synchronous reluctance motor for driving the pump.

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

(19) INDIA

(22) Date of filing of Application :10/10/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: START UP TORCH

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:61/625,398 :17/04/2012 :U.S.A.	(71)Name of Applicant: 1)ALTER NRG CORP. Address of Applicant: 910 7th Avenue SW, Calgary, Alberta T2P 3N8, Canada (72)Name of Inventor: 1)SANTOIANNI, James 2)GORODETSKY, Aleksandr
(61) Patent of Addition to Application	:NA	2)001102210111, 110110111111
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.2153/KOLNP/2014 A

(57) Abstract:

An apparatus includes a tuyere, a plasma torch positioned to inject hot gas into the tuyere, and a plurality of nozzles configured to inject a combustible material into the tuyere for combustion of the combustible material within the tuyere. The apparatus can be used to practice a method including: injecting a combustible material into a plurality of tuyeres in a wall of a reactor vessel, using a plasma torch to inject hot gas into the tuyeres to ignite the combustible material, and directing heat from combustion of the combustible material into the reactor vessel to preheat the reactor vessel.

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

(22) Date of filing of Application :29/09/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: PROCESS FOR PRODUCING PHOSPHINIC ACID ESTERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07F9/32,C07B59/00 :10 2012 004 068.7 :02/03/2012 :Germany :PCT/EP2013/000408 :12/02/2013 :WO 2013/127493 :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)IGNATYEV, Nikolai (Mykola) 2)SCHULTE, Michael 3)JABLONKA, Christoph Alexander 4)KOPPE, Karsten 5)FRANK, Walter
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(57) Abstract:

The invention relates to a process for producing phosphinic acid alkyl esters, phosphinic acid alkenyl esters, phosphinic acid alkinyl esters or phosphinic acid phenyl esters by reacting an appropriate phosphinic oxide with an alcohol or phenol in the presence of alkali metal fluoride or tetraalkylammonium fluoride.

No. of Pages: 52 No. of Claims: 7

(22) Date of filing of Application :30/09/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: ELECTRIC DEVICE, AND METHOD FOR CONTROLLING AN ELECTRIC ENERGY GENERATOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H02J3/00 :NA :NA :NA :PCT/EP2012/056549 :11/04/2012 :WO 2013/152788 :NA :NA :NA	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: Wittelsbacherplatz 2, 80333 M ¹ / ₄ nchen GERMANY (72)Name of Inventor: 1)LIEBEL Manfred
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(57) Abstract:

The invention relates to an electric device (13, 13a, 13b) for controlling an energy generator (12) which is connected to an energy supply grid (10), comprising a control device (21, 30) via which the energy generator (12) can be controlled with respect to the energy generator operating state. The aim of the invention is to develop such an electric device (13, 13a, 13b) such that a comparably simple control of an energy generator (12) is possible. This is achieved in that the electric device is arranged in the region of the connection point between the energy supply grid (10) and the energy generator (12). The control device (21, 30) is designed to monitor the voltage and/or frequency and to generate a switch-on signal if the monitored voltage and/or frequency falls below a lower threshold and to generate a switch-off signal if the monitored voltage and/or frequency exceeds an upper threshold. If a switch-on signal is present, the energy generator (12) is switched on or the electric power which is output by the energy generator (12) is increased, and if a switch-off signal is present, the energy generator (12) is switched off or the electric power which is output by the energy generator (12) is decreased. The invention further relates to a method for controlling an electric energy generator (12).

No. of Pages: 34 No. of Claims: 12

(21) Application No.2160/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 10/10/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: ELECTRIC MACHINE.

(51) International classification :H02K1/04,H02K5/14,H02K9/04 (71)Name of Applicant:

:23/04/2013

(31) Priority Document No :BO2012A000229 (32) Priority Date :26/04/2012

(33) Name of priority country :Italy

(86) International Application :PCT/IB2013/053201 No

Filing Date

(87) International Publication No:WO 2013/160827

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)SPAL AUTOMOTIVE S.R.L.

Address of Applicant: Via per Carpi, 26/B, I-42015 Correggio

(72)Name of Inventor:

1)DE FILIPPIS, Pietro

(57) Abstract:

An electric machine (100) comprises a sealed outer casing (102) defined by a body (103) and by a cover (104) coupled to the body (103), a stator (105) and a rotor (106) the latter two being mounted inside the casing (102); the stator (105) is of a wound type and comprises a core (107) having at least two pole pieces (108) and a plurality of windings (109) each defined by a conductor wire wound in a plurality of coils (110) around the pole pieces (108); the electric machine (100) further comprises a plurality of plastic components (111, 112, 113, 115) located inside the casing (102) and made of a plastic material whose moisture absorption at saturation is less than 0.8%, having insulating and/or supporting and/or cooling functions.

No. of Pages: 13 No. of Claims: 11

(21) Application No.2161/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 10/10/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: APPARATUS AND METHOD FOR AIDING LEARNING

(51) International classification :G09B11/00,G09B11/02,G09B13/00

(31) Priority Document No :1206121.4 (32) Priority Date :05/04/2012 (33) Name of priority country:U.K.

(86) International :PCT/GB2013/050670

Application No
Filing Date

FC1/GB201

:15/03/2013

(87) International Publication :WO 2013/150266

(61) Patent of Addition to
Application Number :NA

Application Number
Filing Date

(62) Divisional to

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

(71)Name of Applicant: 1)BRYANT, Jacklyn

Address of Applicant :11 Ox Lane, Harpenden, Hertfordshire

AL5 4HH United Kingdom. (72)Name of Inventor:
1)BRYANT, Jacklyn

(57) Abstract:

Apparatus for aiding learning by a person comprises a cover or shield (1) for concealing from the person a part of the persons body, and a webcam (6) and a screen (10) for visually displaying to the person, during concealment of the concealed body part, images of a part of the persons body not in direct view of the person. The apparatus may be used in the learning of a skill, such as hand-writing. In another embodiment, the shield is a collar worn to conceal part of the wearers body, and the webcam and screen display the concealed body part in real time to the wearer. This apparatus can be used in many applications, such as to learn sports activities or to correct body image, posture or movement.

No. of Pages: 36 No. of Claims: 25

(22) Date of filing of Application :07/10/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: LASER PROCESSING DEVICE FOR PATTERNING

(51) International classification :B23K26/08,B23K26/00 (71)Name of Applicant : (31) Priority Document No 1)KAWASAKI JUKOGYO KABUSHIKI KAISHA :2012-072415 (32) Priority Date :27/03/2012 Address of Applicant: 1-1. HIGASHIKAWASAKI-CHO 3-(33) Name of priority country CHOME, CHOU-KU, KOBE-SHI, HYOGO 6508670 JAPAN :Japan (86) International Application No (72)Name of Inventor: :PCT/JP2013/001991 1)NAKAZAWA, MUTSUHIRO Filing Date :25/03/2013 (87) International Publication No :WO 2013/145682 2)TAKAHARA, KAZUNORI (61) Patent of Addition to Application 3)OOGUSHI, OSAMI :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Included are: a beam head unit (20) including beam heads (22, 23), each beam head being configured to scan a single laser beam (70) on a thin-film layer (6) of a workpiece (5) from an irradiation start side (S) toward an irradiation end side (E) in a direction crossing a feeding direction of the workpiece (5) while the workpiece (5) is being fed by a constant-speed feeder (3) at a predetermined feeding speed in the single feeding direction; a laser oscillator (21) configured to emit the laser beam (70) to irradiate each beam head (22, 23) with the laser beam (70); and a controller (60) configured to control a scanning speed of the laser beam (70) emitted from each beam head (22, 23) and the feeding speed of the workpiece (5) in relation to each other to control a machining line (11) formed in the workpiece fed at the predetermined feeding speed. The controller (60) is configured to switch a beam head to use to form the machining line (11) between the beam heads (22, 23) to form the machining line (11) alternately. This configuration makes it possible to form machining lines highly efficiently in the thin-film layer of the workpiece while feeding the workpiece at the predetermined feeding speed.

No. of Pages: 33 No. of Claims: 6

(19) INDIA

(22) Date of filing of Application :07/10/2014

(21) Application No.2115/KOLNP/2014 A

(43) Publication Date: 06/02/2015

(54) Title of the invention: RAILROAD VEHICLE

(51) International classification	:B61F 1/12,B61F 1/02	(71)Name of Applicant: 1)KAWASAKI JUKOGYO KABUSHIKI KAISHA
(31) Priority Document No	:2012-083959	Address of Applicant :1-1, HIGASHIKAWASAKI-CHO 3-
(32) Priority Date	:02/04/2012	CHOME, CHOU-KU, KOBE-SHI, HYOGO 6508670 JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:PCT/JP2013/001936	1)HIRASHIMA, TOSHIYUKI
Filing Date	:21/03/2013	2)HONMA, SHIROU
(87) International Publication No	:WO 2013/150736	3)NAGAHARA, HITOSHI
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A railcar (100) includes: a pair of side sills (10) extending in a railcar longitudinal direction; end beams (20) respectively located at railcar-longitudinal-direction end portions of the side sills (10) to extend in a railcar width direction; bolster beams (30) located at a railcar-longitudinal-direction inner side of the end beams (20) to extend in the railcar width direction and respectively placed on bogies (102); center sills (40) each located between the end beam (20) and the bolster beam (30) to extend in a railcar longitudinal direction; a plurality of cross beams (50) located at a railcar-longitudinal-direction inner side of the bolster beams (30) to extend in the railcar, width direction; and a corrugated plate (60) fixed to upper surfaces of the cross beams (50) to be displaceable relative to the bolster beams (30) in the railcar longitudinal direction.

No. of Pages: 21 No. of Claims: 6

(22) Date of filing of Application :07/10/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: OPTICAL SCANNING DEVICE AND LASER PROCESSING DEVICE

(51) International classification	:G02B26/12, B23K26/08	(71)Name of Applicant: 1)KAWASAKI JUKOGYO KABUSHIKI KAISHA
(31) Priority Document No	:2012-075830	Address of Applicant :1-1, HIGASHIKAWASAKI-CHO 3-
(32) Priority Date	:29/03/2012	CHOME, CHOU-KU, KOBE-SHI, HYOGO 6508670 JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:PCT/JP2013/001992	1)NAKAZAWA, MUTSUHIRO
Filing Date	:25/03/2013	2)TAKAHARA, KAZUNORI
(87) International Publication No	:WO 2013/145683	3)OOGUSHI, OSAMI
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An optical scanning device (13) includes: a projector (30) configured to radiate laser light incident thereon while causing the laser light to make angular movement around a projection center (C); and a reflector (32) with a parabolic surface (32a), the reflector (32) being configured to reflect the laser light from the projector (30). The projection center (C) is positioned at a focal point (F) of the parabolic surface (32a). The projector (30) radiates the laser light such that the greater a difference between a rotation angle of the laser light and a reference angle, the lower an angular speed of the laser light, the reference angle being the rotation angle of the laser light when the laser light reflects on a vertex (V) of the parabolic surface (32a). A laser machining device (10) includes the optical scanning device (13), and is configured to cause the laser light from the reflector (32) to fall on a workpiece (90) to form a machining line (93) in the workpiece (90).

No. of Pages: 31 No. of Claims: 6

(21) Application No.2205/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 14/10/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: SYNTHESIS OF LACTAMS

(51) International :C07D205/08,C07D487/14,A61K31/397 classification

(31) Priority Document

:61/638,491

(32) Priority Date :26/04/2012

(33) Name of priority

:U.S.A.

country

(86) International :PCT/US2013/037878 Application No

Filing Date

:24/04/2013

(87) International

:WO 2013/163239

Publication No (61) Patent of Addition to :NA

:NA

Application Number Filing Date

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

Filing Date

(71)Name of Applicant:

1)TAVARES, Francis Xavier

Address of Applicant: 923 Bluestone Rd., Durham, North

Carolina 27713-1903 United States of America. (72)Name of Inventor:

1)TAVARES, Francis Xavier

(57) Abstract:

Methods for the synthesis of lactams are presented whereby a carboxylic acid of the formula HOOC-----OR---NH-LG, wherein OR is an organic moiety and LG is a leaving group, is reacted with an acid, such as an organic acid, in particular a strong acid, and a dehydrating agent, which may be one in the same such as a strong acid anhydride, such that the amount of acid added allows for the desired transformation to take place without the loss of the leaving group (LG) before the cyclization, and recovering the lactam.

No. of Pages: 40 No. of Claims: 9

(21) Application No.2110/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/10/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: QUICK FASTENING AND/OR CONNECTION SYSTEM

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:F16B1/00,F16B21/16,F16B21/07 :VI2012A000071 :28/03/2012 :Italy	(71)Name of Applicant: 1)BRUN, Giancarlo Address of Applicant: Via Nazario Sauro, 19/A, I-36016 Thiene (VI) ITALY
(86) International Application No Filing Date	:PCT/IB2012/002011 :10/10/2012	(72)Name of Inventor : 1)BRUN, Giancarlo
(87) International Publication No	:WO 2013/144675	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention concerns a quick connection and/or fastening system suited to mutually connect and disconnect a first and a second element, said system comprising a first and a second component that are suited to be rigidly fixed to said first and said second element, respectively, said first component and said second component being also suited to be mutually connected and disconnected in such a way as to alternatively allow said first and said second element to be mutually connected and disconnected, said second component being suited to house an end portion of said first component in such a way as to allow its translation inside said second component, said second component comprising also counteracting means suited to counteract the translation of said end portion of said first component towards the outside of said second component.

No. of Pages: 66 No. of Claims: 16

(22) Date of filing of Application :07/10/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention: 4- HYDROXY - ISOQUINOLINE COMPOUNDS AS HIF HYDROXYLASE INHIBITORS

(51) International (71)Name of Applicant: :C07D217/26,C07D401/12,C07D407/12 classification 1)FIBROGEN, INC. (31) Priority Document Address of Applicant: 409 Illinois St., San Francisco. :61/609,022 California 94158 UNITED STATES OF AMERICA No (72)Name of Inventor: (32) Priority Date :09/03/2012 (33) Name of priority 1)HO, Wen-Bin :U.S.A. country 2)ZHAO, Hongda 3)DENG, Shaojiang (86) International :PCT/US2013/029912 Application No 4)NG, Danny :08/03/2013 Filing Date 5)WRIGHT, Lee R. (87) International 6)WU, Min :WO 2013/134660 Publication No 7)ZHOU, Xiaoti (61) Patent of Addition to :NA 8) AREND, Michael P. **Application Number** 9)FLIPPIN, Lee A. :NA Filing Date (62) Divisional to

(57) Abstract:

Application Number

Filing Date

The present invention relates to novel compounds of formula (I), and compositions capable of inhibiting PHD1 enzyme activity selectively over other isoforms, for example, PHD2 and/or PHD3 enzymes. The invention also relates to compounds of formula (I) for use in disorders such as muscle degeneration, colitis, IBD, and certain ischemias.

No. of Pages: 205 No. of Claims: 30

:NA

:NA

(19) INDIA

(43) Publication Date : 06/02/2015

(21) Application No.2112/KOLNP/2014 A

(22) Date of filing of Application :07/10/2014

(54) Title of the invention: IMPROVED LEAD-ACID BATTERY CONSTRUCTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H01M4/14 :61/608,259 :08/03/2012 :U.S.A. :PCT/NZ2013/000031 :08/03/2013 :WO 2013/133724 :NA :NA	(71)Name of Applicant: 1)ARCACTIVE LIMITED Address of Applicant: Unit 5, 3 Birmingham Drive, Middleton, Christchurch, 8024 NEW ZEALAND (72)Name of Inventor: 1)CHRISTIE, Shane 2)WONG, Yoon, San 3)TITELMAN, Grigory 4)ABRAHAMSON, John
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(57) Abstract:

Batteries comprise a carbon fibre electrode construction of the invention and have improved DCA and/or CCA, and/or may maintain DCA with an increasing number of charge-discharge cycles, and thus may be particularly suitable for use in hybrid vehicles.

No. of Pages: 68 No. of Claims: 114

(21) Application No.2113/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/10/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention: ANTIGENS AND ANTIGEN COMBINATIONS

(51) International classification :A61K39/102,C07K19/00,C07K14/285

(31) Priority Document No:1207385.4

(32) Priority Date :26/04/2012
(33) Name of priority

country :U.K.

(86) International :PCT/EP2013/058459

Application No Filing Date :1C1/El 2013

(87) International Publication No :WO 2013/160335

(61) Patent of Addition to
Application Number
Filing Date
(22) Principle 1

(62) Divisional to Application Number Filing Date :NA (71)Name of Applicant : 1)NOVARTIS AG

Address of Applicant :Lichtstrasse 35, CH-4056 Basel

SWITZERLAND

(72)Name of Inventor: 1)SORIANI, Marco 2)SCARSELLI, Maria 3)NORAIS, Nathalie

4)GOMES MORIEL, Danilo 5)ROSSI PACCANI, Silvia

(57) Abstract:

NTHI protein antigens have been identified and found to be conserved across several Haemophilus influenzae pathogenic strains. They have been isolated, cloned from a reference strain and tested for immunogenicity. Methods for immunization and vaccines derived thereof are also disclosed.

No. of Pages: 78 No. of Claims: 19

(21) Application No.2200/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/10/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: TREATMENT OF BRAIN CANCER

	· ·	
(51) International classification	:A61K39/395,A61K45/06,A61K31/437	(71)Name of Applicant: 1)ARRAY BIOPHARMA INC.
(31) Priority Document No	:61/615,082	Address of Applicant :3200 Walnut Street, Boulder, CO 80301 United States of America
(32) Priority Date	:23/03/2012	(72)Name of Inventor:
(33) Name of priority country	:U.S.A.	1)LEE, Patrice, A. 2)WINSKI, Shannon, L.
(86) International Application No Filing Date	:PCT/US2013/033751 :25/03/2013	3)KOCH, Kevin
(87) International Publication No	:WO 2013/142875	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Compounds for the treatment of brain cancer are provided herein. Pharmaceutical compositions comprised of those compounds for the treatment of brain cancer are also provided herein.

No. of Pages: 65 No. of Claims: 75

(19) INDIA

(22) Date of filing of Application :14/10/2014 (43) Publicati

(43) Publication Date: 06/02/2015

(21) Application No.2203/KOLNP/2014 A

(54) Title of the invention: LIQUID-GAS TRANSPORT VEHICLE

(51) International classification	:B60P 3/22,B65D 88/12	(71)Name of Applicant: 1)AIR WATER INC.
(31) Priority Document No	:2012-067972	Address of Applicant :2, KITA 3-JO NISHI 1-CHOME,
(32) Priority Date	:23/03/2012	CHUO-KU, SAPPORO-SHI HOKKAIDO 0600003 JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:PCT/JP2013/056902	1)YOSHINO AKIRA
Filing Date	:13/03/2013	2)KUNITANI SHINGO
(87) International Publication No	:WO 2013/141096	
(61) Patent of Addition to Application Number	:NA :NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A liquefied gas transport vehicle is provided which is capable of transferring liquefied gas to a storage tank of a storage facility that stores the liquefied gas transported by the liquefied gas transport vehicle by using a motor-driven pump mounted in the liquefied gas transport vehicle itself even when electric power is not ensured at the storage facility, and which eliminates the need to increase and decrease the pressures in a liquefied gas containing tank mounted therein and in the storage tank. The liquefied gas transport vehicle includes a tank T for containing the liquefied gas, and a motor-driven pump P for delivering the liquefied gas from the interior of the tank T to the outside. A power supply, such as a lithium-ion secondary battery B2 and a capacitor, for driving the motor-driven pump P is mounted in the liquefied gas transport vehicle.

No. of Pages: 48 No. of Claims: 5

(22) Date of filing of Application :30/09/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: DEVICE AND METHOD FOR THE CATALYTIC DEPOLYMERISATION OF MATERIAL CONTAINING HYDROCARBON

(51) International classification :C10G1/10,B01J8/08,B01J8/10 (71)Name of Applicant : (31) Priority Document No :10 2012 005 942.6 (32) Priority Date :26/03/2012

(33) Name of priority country **GERMANY** :Germany

(86) International Application No :PCT/EP2013/000904

Filing Date :26/03/2013

(87) International Publication No :WO 2013/143685

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

:NA Number

:NA Filing Date

1)TRAUTMANN, AXEL

Address of Applicant : Alfred-Nobel-Str. 6, 51588 Nümbrecht

(72)Name of Inventor:

1)TRAUTMANN, AXEL

(57) Abstract:

In a device (100) for the catalytic depolymerisation of material containing hydrocarbon, containing at least one container (1) which can be filled with the material at least one conveyor device (6) having a device (8) for introducing heat into the interior of the conveyor device and having at least one inlet opening (5) and at least one outlet opening (7) spaced apart therefrom are provided in the container (1), wherein the inlet opening (5) is or can be disposed in the lower region of the container (1) and the outlet opening (7) is or can be disposed in the upper region of the container (1) for circulating and heating the material to the evaporation temperature. In a method for the catalytic depolymerisation of hydrocarbon-containing material using at least one container (1) which can be filled with the material, at least one carrier medium is filled into the container (1), the material is introduced into the carrier medium, the carrier medium comprising the material is set in a rotary motion, the material is circulated through a conveyor device (6) having a device (8) for introducing heat and is heated until said material is brought to evaporation temperature, the rising vapour is condensed and the distillate components are discharged as product.

No. of Pages: 38 No. of Claims: 16

(21) Application No.2224/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/10/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: RAILWAY VEHICLE BOGIE AND RAILWAY VEHICLE PROVIDED WITH SAME

(51) International classification :B61F5/52,B61F5/30,B61F5/32 (71)Name of Applicant :

(31) Priority Document No :2012-087062 (32) Priority Date :06/04/2012

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2013/000063

Filing Date :10/01/2013 (87) International Publication No: WO 2013/150695

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

:NA Number :NA Filing Date

1)KAWASAKI JUKOGYO KABUSHIKI KAISHA

Address of Applicant: 1-1. Higashikawasaki-cho 3-chome.

Chuo-ku, Kobe-shi, Hyogo 6508670 JAPAN

(72)Name of Inventor: 1)NISHIMURA, Takehiro 2)NAKAO, Shunichi

(57) Abstract:

A railcar bogie (100) according to the present invention includes: a cross beam (31) configured to support a carbody (101) of a railcar; wheels (10) arranged at both railcar width direction sides of the bogie to be lined up in a railcar longitudinal direction at each of the sides, a pair of front and rear axles (11) respectively arranged at a front side and rear side in the railcar longitudinal direction so as to sandwich the cross beam (31) and extend in a railcar width direction, each of the axles (11) connecting the wheels (10) located at a left side and right side in the railcar width direction; bearings (12) arranged at both railcar width direction sides of each of the axles (11) and configured to rotatably support the axle (11); axle box portions (20) coupled to the cross beam (31) via elastic members and each configured to store the bearing (12); and plate spring portions (40) extending in the railcar longitudinal direction so as to respectively support both railcar width direction end portions of the cross beam (31), both railcar longitudinal direction end portions of each of the plate spring portions being respectively supported by the axle box portions (20). Each of the axle box portions (20) includes a supporting surface (26) that supports the plate spring portion (40) such that the plate spring portion (20) is relatively movable and that is inclined toward a longitudinal direction middle portion of the plate spring portion.

No. of Pages: 28 No. of Claims: 5

(22) Date of filing of Application :15/10/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: PRE-ALLOCATING MERCHANT ID IN A CREDIT CARD PROCESSOR ENTITY SYSTEM BY A MASTER MERCHANT

(51) International :G06Q20/24,G06Q20/40,G06Q40/02 classification

(31) Priority Document No :13/436,711 (32) Priority Date :30/03/2012 (33) Name of priority :U.S.A.

country (86) International

Application No :PCT/US2013/034827

Filing Date :01/04/2013

(87) International Publication No :WO 2013/149248

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

(71)Name of Applicant: 1)INTUIT INC.

Address of Applicant :2632 Marine Way, Mountain View, CA 94043 UNITED STATES OF AMERICA

(72)Name of Inventor:

1)FASOLI, Jonathan, David 2)BATH, Jugdip, Singh 3)ROKHLINE, Maksim 4)LETTERI, Allyson, Lippert

5)BLUM, Scott Alan 6)PAI, Yogish

(57) Abstract:

Filing Date

A method to process credit card transactions, including obtaining available merchant account IDs allocated to a master merchant account at a credit card processor entity of a credit card transaction network, where the master merchant is authorized to set up merchant accounts based on the master merchant account and assumes merchant-side financial risks of the merchant accounts, receiving, after obtaining the available merchant account IDs, a request from a merchant to set up a merchant account, and assigning, in response to credit approval of the merchant, a merchant account ID selected from the available merchant account IDs to the merchant for setting up the merchant account, where a credit card transaction of the merchant is submitted, subsequent to assigning the merchant account ID, to the credit card processor entity for authorization based on the master merchant account, where the credit card transaction is tagged with the merchant account ID.

No. of Pages: 32 No. of Claims: 22

(22) Date of filing of Application :25/09/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: POWER DELIVERY DEVICE AND POWER DELIVERY/POWER RECEIVING SYSTEM

(51) International classification	:H02J 17/00,H02J 7/00	(71)Name of Applicant : 1)FUJITSU LIMITED
(31) Priority Document No	:	Address of Applicant :1-1, KAMIKODANAKA 4-CHOME,
(32) Priority Date	:	NAKAHARA-KU, KAWASAKI-SHI, KANAGAWA 211-8588,
(33) Name of priority country	:	JAPAN
(86) International Application No	:PCT/JP2012/058649	(72)Name of Inventor:
Filing Date	:30/03/2012	1)AKIYOSHI UCHIDA
(87) International Publication No	:WO 2013/145279	2)SEIICHI KAMON
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)KIYOTAKA TANAKA 4)MASUNARI TAMESUE
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A power transmission device has: apower transmission unit configured to perform wireless power transmission; a communication unit configured to perform wireless communication within a range wider than a power transmission possible range of the power transmission unit; and a power transmission control circuit configured to control power of wireless power transmission of the power transmission unit, wherein the power transmission control circuit controls the power of wireless power transmission of the power transmission unit (S508) according to a number of power reception devices for which the communication unit received a response (S502) indicating that power reception is performed from power reception devices receiving power equal to or more than a threshold when the power transmission unit received a response (S505) indicating that power reception is performed from power reception devices receiving power equal to or more than the threshold when the power transmission unit does not perform power transmission (S504) or performs power transmission by second power smaller than the first power.

No. of Pages: 64 No. of Claims: 10

(21) Application No.2048/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/09/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention: PIN JOINT FOR AN ECCENTRIC SCREW 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 	:F04C15/00,F04C2/107 :10 2012 006 025.4 :27/03/2012 :Germany :PCT/DE2013/100108 :21/03/2013 :WO 2013/143535 :NA :NA :NA	(71)Name of Applicant: 1)NETZSCH PUMPEN & SYSTEME GMBH Address of Applicant: Gebrüder-Netzsch-Straße 19, 95100 Selb,Germany (72)Name of Inventor: 1)GROTH,Michael 2)DENK,Reinhard
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(57) Abstract:

The disclosure relates to a pin joint for eccentric screw pumps. The special design of the inner joint head of the pin joint, with its bores for the flushing liquid and the length of the joint pin, makes it possible also to carry out cleaning using the CIP method.

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

(19) INDIA

(22) Date of filing of Application :15/10/2014 (43) Publication Date : 06/02/2015

:NA

:NA

(54) Title of the invention : NEW PROCESS FOR THE PRODUCTION AND PURIFICATION OF THE COLLAGENASE ENZYME FROM VIBRIO ALGINOLYTICUS

(21) Application No.2220/KOLNP/2014 A

(51) International classification :C12N9/52,A61K38/48 (71)Name of Applicant : (31) Priority Document No 1)FIDIA FARMACEUTICI S.P.A. :PD2012A000118 (32) Priority Date Address of Applicant: Via Ponte della Fabbrica, 3/A, I-35031 :18/04/2012 (33) Name of priority country Abano Terme (PD) ITALY :Italy (86) International Application No :PCT/EP2013/057998 (72)Name of Inventor: Filing Date :17/04/2013 1)VACCARO, Susanna (87) International Publication No :WO 2013/156525 2) CAPUTO, Michele (61) Patent of Addition to Application 3) CUPPARI, Christian :NA Number 4) GENNARI, Giovanni :NA Filing Date

(57) Abstract:

Filing Date

The present invention claims a novel process for the production and purification of microbial collagenase (Microbial Collagenase EC 3.4.24.3) produced by the non-pathogenic aerobic bacterium Vibrio alginolyticus chemovar. iophagus (NCIMB Number: 1 1038, synonym LMG 3418, hereinafter called Vibrio alginolyticus), which said process provides high production levels of collagenase with a stable, reproducible, cheap fermentation process. The collagenase produced from Vibrio alginolyticus according to the process described herein also presents a specific activity superior to that of other microbial collagenases, is stable in aqueous solution, and can be frozen without significant damage. A further subject of the present invention is pharmaceutical compositions containing collagenase obtained according to the production and purification process described, for the purpose of therapeutic treatment of disorders characterised by collagen accumulation or for the treatment of blemishes/imperfections that benefit from reducing local collagen accumulations.

No. of Pages: 59 No. of Claims: 12

(62) Divisional to Application Number

(19) INDIA

(22) Date of filing of Application :15/10/2014 (43) Publ

(21) Application No.2221/KOLNP/2014 A

(43) Publication Date: 06/02/2015

(54) Title of the invention: DOCUMENT PROCESSING

(51) International classification	:G06F7/00	(71)Name of Applicant:
(31) Priority Document No	:2012901095	1)INTUIT INC.
(32) Priority Date	:19/03/2012	Address of Applicant :2632 MARINE WAY, MOUNTAIN
(33) Name of priority country	:Australia	VIEW, CALIFORNIA 94043 UNITED STATES OF AMERICA
(86) International Application No	:PCT/AU2013/000274	(72)Name of Inventor:
Filing Date	:19/03/2013	1)GREGG, Roger John
(87) International Publication No	:WO 2013/138851	2)HARRISON, Mark Barrington John
(61) Patent of Addition to Application	:NA	3)SAVAGE, David
Number	:NA	4)MITCHELL, Craig Ernest
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The disclosure concerns systems and methods for extracting data from documents. A computer receives a message from a sender. The message has the electronic document and an electronic address of the sender. Based on the address of the sender the computer selects a map that comprises location data of data fields and determines values of the data fields by extracting data from the electronic document using the location data of the selected map. Since the computer selects the map based on the address of the sender the computer does not need to rely on the content of the electronic document to select the correct map to use, which makes the selection less prone to errors and the method can be used with existing email systems.

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

(22) Date of filing of Application :09/10/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention: METHOD FOR THE PREPARATION OF CELLULOSE ETHERS WITH A HIGH SOLIDS PROCESS, PRODUCT OBTAINED AND USES OF THE PRODUCT

(51) International classification	· · · · · · · · · · · · · · · · · · ·	(71)Name of Applicant:
(31) Priority Document No	:61/620,744	1)STORA ENSO OYJ
(32) Priority Date	:05/04/2012	Address of Applicant :Kanavaranta 1, FI-00101 Helsinki
(33) Name of priority country	:U.S.A.	Finland
(86) International Application No	:PCT/IB2013/052691	(72)Name of Inventor :
Filing Date	:04/04/2013	1)SAXELL, Heidi
(87) International Publication No	:WO 2013/150475	2)HEISKANEN, Isto
(61) Patent of Addition to Application	:NA	3)AXRUP, Lars
Number		4)LAND HENSDAL, Cecilia
Filing Date	:NA	5)JOKELA,Veikko
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides a method for production of cellulose ethers in a high solids process substantially without use of organic solvents as reaction and/or washing medium. In the method of the invention the first alkalization step is carried out by using high solids content cellulose pulp and solid sodium hydroxide. This is followed by an etherification step where the solids content is preferably further increased and the use of solid etherification reactant is preferred. As no organic solvents are used as reaction media the invented method enables production of cellulose ethers directly from never dried pulp with significant savings in energy and investment costs. The method is especially suitable for the production of carboxymethyl cellulose sodium salt (CMC) with low degree of substitution (DS < 0.3). The use of the resulting none or low water soluble carboxymethylated cellulosic fibres is suitable for example for producing microfibrillated cellulose.

No. of Pages: 18 No. of Claims: 17

(22) Date of filing of Application :09/10/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: AIR OPERATED DIAPHRAGM 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 	:F04B43/06 :61/621,738 :09/04/2012 :U.S.A. :PCT/US2013/035794 :09/04/2013 :WO 2013/155079 :NA :NA :NA	(71)Name of Applicant: 1)FLOW CONTROL LLC. Address of Applicant: 1 Kondelin Road, Gloucester, Massachusetts 01930 United States of America (72)Name of Inventor: 1)VERDUGO, Christopher, H. 2)WRIGHT, Peter, M. 3)JACKSON, Jimmie, L., Jr
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(57) Abstract:

An air operated diaphragm pump is provided featuring a housing, a fluid passageway and an indicator arrangement. The housing is configured with an orifice. The fluid passageway responses to a vacuum force and provides fluid, such as syrup from a bag or container to a beverage dispenser, through the air operated diaphragm pump via the fluid passageway, and is configured with a suction plenum or channel formed by an enclosed space with an inside pressure that is greater than an external pressure of the outside atmosphere when the fluid is being provided through the air operated diaphragm pump via the fluid passageway.

No. of Pages: 54 No. of Claims: 33

(21) Application No.2236/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/10/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: THE USE OF SURFACTANT TO TREAT PULP AND IMPROVE THE INCORPORATION OF KRAFT PULP INTO FIBER FOR THE PRODUCTION OF VISCOSE AND OTHER SECONDARY FIBER PRODUCTS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:D21C3/26,D21C9/10,D21C9/153 :61/635,185 :18/04/2012 :U.S.A.	(71)Name of Applicant: 1)GP CELLULOSE GMBH Address of Applicant: Metallstrasse 9b, ZUG-6300 SWITZERLAND
(86) International Application No Filing Date (87) International Publication No	:PCT/US2013/035494 :05/04/2013 :WO 2013/158384	 (72)Name of Inventor: 1)NONNI, Arthur, James 2)COURCHENE, Charles, Edward 3)SLONE, Christopher, Michael 4)CAMPBELL, Philip, Reed
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	5)DOWDLE, Steven, Chad 6)ENGLE, Joel, Mark
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A surfactant treated bleached softwood kraft pulp fiber, useful as a starting material In the production of cellulose derivatives including cellulose ether, cellulose esters and viscose, is disclosed. Methods for making the kraft pulp fiber and products made from it are also described.

No. of Pages: 59 No. of Claims: 40

(21) Application No.2237/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/10/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: QUANTIFICATION OF IMPURITIES FOR RELEASE TESTING OF PEPTIDE PRODUCTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:25/04/2013 :WO 2013/160397 :NA :NA :NA	(71)Name of Applicant: 1)SANOFI-AVENTIS DEUTSCHLAND GMBH Address of Applicant: Brüningstrasse 50, 65929 Frankfurt Germany (72)Name of Inventor: 1)VOGEL, Martin 2)MUELLER, Werner
Filing Date	:NA	

(57) Abstract:

The present invention relates to a method for the quantitative determination of an impurity present in a peptide product, wherein the impurity cannot be separated from other impurities or the main product. The method particularly involves the use of high resolution mass spectrometry (MS) detection with or without high performance liquid chromatography (HPLC). The method can be used for the investigation of the quality of peptides and proteins, particularly of pharmaceutical peptides and proteins.

No. of Pages: 32 No. of Claims: 16

(21) Application No.2238/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 16/10/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: THERMOPLASTIC POLYMER FORMULATION CONTAINING POLYAMIDES/EVOH AND POLYOLEFINS, USE AND PRODUCTS THEREOF

(51) International :C08L23/10,C08L23/12,C08L23/14

classification

(31) Priority Document No :PCT/IB2012/000676

(32) Priority Date :03/04/2012 (33) Name of priority country: IB

(86) International Application :PCT/IB2013/000570

No Filing Date

:29/03/2013

(87) International Publication :WO 2013/150357

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

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant: 1)DINUNZIO, Giuseppe

Address of Applicant: Via Arturo Toscanini, 92, I-46019

Viadana (MN) ITALY (72)Name of Inventor: 1)DINUNZIO, Giuseppe

(57) Abstract:

A thermoplastic polymer formulation that contains polyamides (PA) and/or EVOH and polyolefins, in particular with polyamides (PA) and/or EVOH that derive from production waste of multilayer films, also comprises polypropylene homopolymer with MFI in the range of 15 to 50 (g/10min, ASTM 1238L) as compatibilizer between the PA and/or EVOH and polyolefin polymers.

No. of Pages: 19 No. of Claims: 18

(22) Date of filing of Application :26/09/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: GAS-ENCAPSULATED DUAL LAYER SEPARATOR FOR A DATA COMMUNICATIONS CABLE

(51) International classification (31) Priority Document No	:H01B9/06,H01B11/02 :61/618,274	(71)Name of Applicant: 1)GENERAL CABLE TECHNOLOGIES CORPORATION
(32) Priority Date	:30/03/2012	Address of Applicant: 4 Tesseneer Drive, Highland
(33) Name of priority country	:U.S.A.	Heights, Kentucky 41076 United States of America
(86) International Application No	:PCT/US2013/033540	(72)Name of Inventor:
Filing Date	:22/03/2013	1)CAMP,II,David,P.
(87) International Publication No	:WO 2013/148520	2)SKOCYPEC,Brian,P.
(61) Patent of Addition to Application Number	:NA :NA	3)FAUSZ,David,M.
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A data communications cable is disclosed herein. The data communications cable includes a plurality of twisted pairs of conductive wires and a separator between the plurality of twisted pairs of conductive wires. The separator includes an inner member and an outer layer being supported and shaped by the inner member for completely encapsulating at least one gas pocket between the outer layer and the inner member. The outer layer prevents the plurality of twisted pairs of conductive wires from entering the at least one gas pocket.

No. of Pages: 18 No. of Claims: 24

(21) Application No.2061/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/09/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: RESIN COMPOSITE MATERIAL

(51) International classification: C08L101/00, C08K3/04, C08K7/00 (71) Name of Applicant:

(31) Priority Document No :2012-070580 (32) Priority Date :27/03/2012

(33) Name of priority country: Japan

(86) International Application :PCT/JP2013/056635

No :11/03/2013 Filing Date

(87) International Publication :WO 2013/146213

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

(62) Divisional to Application :NA Number :NA

Filing Date

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)MUKOHATA, Daisuke 2)TAKAHASHI, Katsunori

3) INUI, Nobuhiko

(57) Abstract:

Provided is a resin composite material with a high modulus of elasticity. This resin composite material comprises a thermoplastic resin, flaked graphite, and an inorganic filler that is different from the flaked graphite.

No. of Pages: 34 No. of Claims: 9

(21) Application No.2062/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/09/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention: LUBRICATING OIL COMPOSITION FOR REFRIGERATING MACHINES

(51) International classification :C10M169/04,C09K5/04,C10M105/06

(31) Priority Document No :2012-082202

(32) Priority Date :30/03/2012 (33) Name of priority

country :Japan

(86) International :PCT/JP2013/058046

Application No Filing Date :21/03/2013

(87) International

Publication No :WO 2013/146523

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

(71)Name of Applicant:

1)IDEMITSU KOSAN CO.,LTD.

Address of Applicant :1-1, Marunouchi 3-chome, Chiyoda-ku,

Tokyo 1008321 JAPAN (72)Name of Inventor:
1)MATSUMOTO Tomoya

2)KISEN Tadashi

(57) Abstract:

Filing Date

This lubricating oil composition for refrigerating machines is made by blending an additive to a base oil, wherein said additive is a coumarin compound. In refrigerating devices in which this lubricating oil composition for refrigerating machines is to be used, such as open-type automotive air conditioners, electric automotive air conditioners, gas heat pumps, air conditioners, refrigerators, vending machines, showcases, hot-water supply systems, and refrigeration/heating systems, refrigerant leakage can be detected stably over a long period of time. Thus, this lubricating oil composition for refrigerating machines is extremely effective in cases where an unsaturated fluorocarbon refrigerant with low stability is used in the various devices mentioned above.

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

(19) INDIA

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

(21) Application No.2152/KOLNP/2014 A

(43) Publication Date: 06/02/2015

(54) Title of the invention: MARINE HULL AND MARINE VESSEL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B63B3/26 :1250361-1 :11/04/2012 :Sweden :PCT/SE2013/050344 :27/03/2013 :WO 2013/154484 :NA :NA	(71)Name of Applicant: 1)ROSÉN,Håkan Address of Applicant: Sjåaregatan 1, S-803 02 Gävle, Sweden (72)Name of Inventor: 1)ROSÉN,Håkan
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a marine hull comprising a hull plate (2) manufactured from metal, a set of longitudinal reinforcements and a set of transverse reinforcements, at least one longitudinal reinforcement (3) of said set of longitudinal reinforcements being arranged between the hull plate (2) and at least one transverse reinforcement (4) of said set of transverse reinforcements, and being connected to an inside (5) of the hull plate (2). The marine hull is characterized in that the hull plate (2) has a thickness that is less than 10 mm, and that said at least one longitudinal reinforcement (3) is manufactured from the same metal as said hull plate (2) and comprises at least one resilient segment (6) arranged to spring in the direction transverse to the thickness of the hull plate (2), and that said resilient segment (6) is arranged to bottom upon a compression that is more than 10 mm and less than 50 mm.

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

(19) INDIA

(22) Date of filing of Application :16/10/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: STEAM GENERATOR FOR A NUCLEAR REACTOR

(51) International classification :G21C15/00,G21C1/00 (71)Name of Applicant : (31) Priority Document No 1)NUSCALE POWER, LLC :13/451,759 Address of Applicant :1100 NE. Circle Blvd., Suite 350. (32) Priority Date :20/04/2012 (33) Name of priority country Corvallis, Oregon 97330 United States of America. :U.S.A. (86) International Application No (72) Name of Inventor: :PCT/US2013/037292 1)GROOME, John T. Filing Date :19/04/2013 (87) International Publication No :WO 2013/158950 2)JOH, Soovun (61) Patent of Addition to Application 3)NYLANDER, James Allan :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(21) Application No.2245/KOLNP/2014 A

(57) Abstract:

A steam generator for a nuclear reactor comprises plenums proximate with a first plane, wherein the first plane intersects a bottom portion of a riser column of a reactor vessel. The steam generator may further comprise plenums proximate with a second plane, approximately parallel with the first plane, wherein the second plane intersects a top portion of the riser column of the reactor vessel. The steam generator may further include a plurality of steam generator tubes that convey coolant from a plenum located proximate with the first plane to one of the plenums proximate with the second plane.

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

(19) INDIA

(21) Application No.2198/KOLNP/2014 A

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

(43) Publication Date: 06/02/2015

(54) Title of the invention: SULPHONAMIDE DERIVATIVES OF BENZYLAMINE FOR THE TREATMENT OF CNS **DISEASES**

(51) International :C07C311/21,C07D403/12,C07D413/14

classification

(31) Priority Document :P.398533

(32) Priority Date :20/03/2012 (33) Name of priority

country

:Poland (86) International

Application No

:PCT/IB2013/052204

Filing Date

:20/03/2013

(87) International

:WO 2013/140347 Publication No

(61) Patent of Addition to :NA

Application Number :NA Filing Date

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

(71)Name of Applicant:

1)ADAMED SP. Z O.O.

Address of Applicant : Pieńków 149, PL-05-152 Czosnów

k/Warszawy Poland

(72)Name of Inventor:

1)KOŁACZKOWSKI, Marcin 2)MARCINKOWSKA, Monika

3)BUCKI, Adam

4)ŁYSAKOWSKI, Tomasz

5)PAWŁOWSKI, Maciej

(57) Abstract:

Sulphonamide derivatives of benzylamine of formula (I), wherein A represents phenyl unsubstituted or substituted or 9-or 10membered bicyclic group, linked to -(O) x - (CH 2) y -through one of its aromatic carbon atoms, consisting of benzene ring fused with -membered heteroaromatic ring containing 1 or 2 heteroatoms independently selected from the group consisting of N and O, wherein such bicyclic group is unsubstituted or substituted or with 5-or 6-membered non-aromaticheterocyclic ring having 1 or 2 O atoms, wherein heterocyclic ring is unsubstituted or substituted with one or more Ci -C3 - alkyls; D represents a group selected from:phenyl unsubstituted or substituted; naphthyl unsubstituted or substituted; thiophene unsubstituted or substituted; proup consisting of imidazolering fused with5-membered non-aromatic carbocyclic ring; bicyclic group consisting of benzene ring fused with 5membered heteroaromatic ring, having 1 or 2heteroatoms independently selected from the group consisting of N, O and S, unsubstituted or substituted and linked to sulphonamide moiety through one of carbon atoms of benzene ring; and bicyclic group consisting of benzene ring fused with -or 6-membered non-aromatic heterocyclic ring having 1 or 2heteroatoms independently selected from the group consisting of N and O, unsubstituted or substituted, and linked to sulphonamide moiety through one of carbon atoms of benzene ring;R represents H or -CH 3;x is 0 or 1;yis 2 or 3;and pharmaceutically acceptable salts and solvates thereof, with the provisos that if x is 0 and y is 2, then D is naphthyl unsubstituted or substituted with one halogen atom, and if R represents -CH 3, then A is not unsubstituted or substituted phenyl. The compounds can be used in the treatment and/or prophylaxis of central nervous system disorders.

No. of Pages: 81 No. of Claims: 23

(21) Application No.2199/KOLNP/2014 A

(19) INDIA

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

(43) Publication Date: 06/02/2015

(54) Title of the invention: ANTIBODIES TO BRADYKININ B1 RECEPTOR LIGANDS

(51) International classification :C07K16/26,C07K7/18,A61K39/395

(31) Priority Document No :61/616,845 (32) Priority Date :28/03/2012 (33) Name of priority :U.S.A.

country

(86) International :PCT/US2013/031836

Application No Filing Date :15/03/2013

(87) International Publication: WO 2013/148296

(61) Patent of Addition to
Application Number
:NA

Filing Date

(62) Divisional to
Application Number
Filing Date

:NA
:NA

(71)Name of Applicant:

1)SANOFI

Address of Applicant :54 Rue La Boétie, F-75008 Paris France

(72)Name of Inventor: 1)KOMINOS, Dorothea

2)ZHANG, Jie 3)PRITSKER, Alla 4)DAVISON, Matthew 5)BAURIN, Nicolas

6)SUBRAMANIAN, Govindan

7)CHEN, Xin 8)LI, Han

(57) Abstract:

The disclosure provides antibodies that specifically bind to Kallidin or des-Arg10-Kallidin. The disclosure also provides pharmaceutical compositions, as well as nucleic acids encoding anti-Kallidin or des-Arg10-Kallidin antibodies, recombinant expression vectors and host cells for making such antibodies, or fragments thereof. Methods of using antibodies of the disclosure to modulate Kallidin or des-Arg10-Kallidin activity or detect Kallidin or des-Arg10-Kallidin or, either in vitro or in vivo, are also provided by the disclosure. The disclosure further provides methods of making antibodies that specifically bind to des-Argg-Bradykinin and des-Arg10-Kallidin-like peptide.

No. of Pages: 115 No. of Claims: 41

(21) Application No.904/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :30/07/2013

(43) Publication Date: 06/02/2015

(54) Title of the invention : AN IMPROVED PHOTOVOLTAIC CELL CAPABLE OF GENERATING POWER IN ARTIFICIAL LIGHT

	11011	
(51) International classification		(71)Name of Applicant:
(44) 7.1.1.7	31/00	1)DR. NEMA, PRAGYA
(31) Priority Document No	:NA	Address of Applicant :A 5/1 BAITALIK COOP HSG SOC
(32) Priority Date	:NA	LTD., HILAND PARK, KOLKATA-700094, WEST BENGAL,
(33) Name of priority country	:NA	INDIA
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. NEMA, PRAGYA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract:

An improved and efficient photovoltaic apparatus for producing electricity using artificial light and more particularly to an improved photovoltaic cell with a modified substrate, wherein the photovoltaic cell uses artificial light sources to create electrical energy.

No. of Pages: 23 No. of Claims: 6

(22) Date of filing of Application :30/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: VIBRATING PEN/PENCIL BY USING DC MOTOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:G06F 3/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)NARENDRA KUMAR Address of Applicant: Q.NO. 3ABC, GLOUCESTER ROAD, EAST COLONY, JAMALPUR, PIN-811214, MUNGER, Bihar India (72)Name of Inventor:
Filing Date	:NA	1)NARENDRA KUMAR
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The device is very useful for saving time in a multiple choice question exams. It uses very less pressure and works with great accuracy. It is also helpful in field of drawing, sketching as a good substitute for sketch pens or crayons. The pressure exerted to write anything on it is very less. The device runs with the help of a dc motor 6 connected to a 9v dry cell 8 or sets of GH13 batteries of fig.1. The motor is connected to a rectangular slab system 3 (fig.1) which is thereof connected to the pen refill or the lead box. The rectangular slab 3 is connected to the motor through the rod 4. The rod 4 connected to the motor is by the side of the axis. When the switch is pressed the current flows through the motor and it rotates on its axis 9 (fig.1). Since the rod is not on the axis it rotates to make one circle. The rectangular slab has two locks 37 (fig.3) which gets in touch with the rod only at the completion of a semi circle. These locks provide side movement to the rectangular slab which in turn moves the pen refill or the lead box 2 (fig.1). Rotation of the motor also rotates the gear 3, 4 (fig.1) which subsequently rotates the pen refill or the lead box. Due to the constant rotation of the motor at high speed the movement of the rectangular slab and the lead box converts in vibration. When the paper comes in contact with the tip of the high speed vibrating pen refill or the lead box, it gets colored in an instant. This is how the vibrating pen/pencil works.

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

(22) Date of filing of Application :10/10/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: A TEST CARTRIDGE WITH INTEGRATED TRANSFER MODULE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B01L3/00 :61/611,784 :16/03/2012 :U.S.A. :PCT/EP2013/055432 :15/03/2013 :WO 2013/135878 :NA :NA :NA	(71)Name of Applicant: 1)STAT-DIAGNOSTICA & INNOVATION,S.L. Address of Applicant: Baldiri Reixac 4, E-08028 Barcelona Spain (72)Name of Inventor: 1)CARRERA FABRA,Jordi 2)COMENGES CASES,Anna 3)BRU GIBERT,Rafael
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(57) Abstract:

A system that includes a cartridge housing and a hollow transfer module, according to an embodiment is described herein. The cartridge housing further includes at least one sample inlet, a plurality of storage chambers, a plurality of reaction chambers, and a fluidic network. The fluidic network is designed to connect the at least one sample inlet, a portion of the plurality of storage chambers and the portion of the plurality of reaction chambers to a first plurality of ports located on an inner surface of the cartridge housing. The hollow transfer module includes a second plurality of ports along an outer surface of the transfer module that lead to a central chamber within the transfer module. The transfer module is designed to move laterally within the cartridge housing. The lateral movement of the transfer module aligns at least a portion of the first plurality of ports with at least a portion of the second plurality of ports.

No. of Pages: 59 No. of Claims: 69

(19) INDIA

(22) Date of filing of Application :17/10/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: FLUID PRESSURE CYLINDER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:21/02/2013 :WO 2013/140935 :NA	(71)Name of Applicant: 1)KAYABA INDUSTRY CO., LTD. Address of Applicant: World Trade Center Bldg., 4-1, Hamamatsu-cho 2-chome, Minato-ku, Tokyo 105-6111, JAPAN (72)Name of Inventor: 1)Hiroshi FUNATO
(61) Patent of Addition to Application Number	:NA :NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.2252/KOLNP/2014 A

(57) Abstract:

A cushioning mechanism (6) that reduces the speed of a piston rod (30) when the piston rod (30) is near the end of the stroke, comprises: a holder (61) fastened to the end surface of a cylindrical section (42) that engages with the inner peripheral surface of a cylinder tube (10); an annular entry section (62) provided in the piston rod (30), that enters the holder (61) and the cylindrical section (42) near the end of the stroke; a cushioning passage (63) formed in the holder (61), and which guides hydraulic fluid from a hydraulic chamber (2) to a supply and discharge port (41) when the annular entry section (62) has entered the holder (61) and the cylindrical section (42); and an orifice plug (64) fastened to the cushioning passage (63). The cushioning passage (63) comprises an internal passage (67) extending in the radial direction of the holder (61), and to which the orifice plug (64) has been fastened. The orifice plug (64) can be replaced, via a replacement port (71) formed so as to pierce the cylinder tube (10) and connect to the internal passage (67).

No. of Pages: 20 No. of Claims: 5

(21) Application No.2256/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 17/10/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: A MIXTURE OF POLAR GLYCOLIPIDS FOR USE IN THE TREATMENT OF PAIN AND COPD

(51) International :A61K35/74,A61K31/739,C08B37/00 classification

(31) Priority Document No :12305332.4 (32) Priority Date :21/03/2012

(33) Name of priority :EPO

country

(86) International :PCT/EP2013/055112 Application No

:13/03/2013 Filing Date

(87) International

:WO 2013/139657 Publication No

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

:NA Application Number :NA Filing Date

(71)Name of Applicant:

1)SANOFI

Address of Applicant :54 rue La Boétie, F-75008 Paris

FRANCE

(72)Name of Inventor: 1)CROCI, Tiziano 2) GUAGNINI, Fabio 3)ZARINI, Elena

(57) Abstract:

The present invention concerns a method for the treatment and/or prevention of pain and/or Chronic Obstructive Pulmonary Disease (COPD) comprising administering to a subject a composition comprising a polar glycolipid obtainable from cells of a cyanobacterium Oscillatoria species (CyP).

No. of Pages: 37 No. of Claims: 19

(22) Date of filing of Application :30/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : AN OPTIMIZED AND STANDARDIZED TWO LEGGED TRESTLE FOR SUPPORTING CONVEYOR GALLERIES AT LOWER ELEVATION IN COAL HANDLING PLANT

(51) International classification	:B62D	(71)Name of Applicant:
(31) international classification	57/00	1)BHARAT HEAVY ELECTRICALS LIMITED
(31) Priority Document No	:NA	Address of Applicant :REGION CAL OPERATIONS
(32) Priority Date	:NA	DIVISION(ROD) PLOT NO:9/1, DJ BLOCK 3RD FLOOR,
(33) Name of priority country	:NA	KARUNAMOYEE,SALTLAKE CITY, KOLKATA-700091
(86) International Application No	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
Filing Date	:NA	FORT, NEW DELHI - 110049, INDIA
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)BAVATHARINI ARUMUGAM
Filing Date	:NA	2)MOHAMED MUNEER KONTHEDATH MADATHIL
(62) Divisional to Application Number	:NA	3)PILLARISETTI MEHER LAKSHMI PRASAD
Filing Date	:NA	

(57) Abstract:

The invention relates to an optimized and standardized two legged trestle for supporting conveyor galleries at lower elevation in coal handling plant, comprising: a braced single frame with two legs placed at spaced apart locations; the single frame having two legs connected with a plurality of horizontal as well as inclined bracings, each leg made up of a single column and two such columns are connected by horizontal beams at a specified interval which divides the trestle into segments.

No. of Pages: 13 No. of Claims: 4

(22) Date of filing of Application :30/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : A DISINFECTANT SOLUTION FOR CLEANING AND SURFACE STERILIZATION OF WORM EGG SURFACE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A61L 2/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)DIRECTOR, CENTRAL TASAR RESEARCH AND TRAINING INSTITUTE Address of Applicant: CENTRAL SILK BOARD, P.O PISKA NAGRI, RANCHI-835303, JHARKHAND, INDIA (72)Name of Inventor:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA : NA :NA :NA :NA :NA	1)K. PHANI, KIRAN, KUMAR 2)SINHA, AJIT, KUMAR 3)CHAKRAVORTY, DIPANKAR

(57) Abstract:

The invention relates to a disinfectant solution for cleaning and surface sterilization of Tasar silkworm, Antheraea mylitta Drury eggs. The disinfectant solution comprises anti microbial agent(s), catalyst, solvent, surfactant, emulsifier, detergent etc. The solution also increases the rate of hatching of eggs and coccon harvestment. The Invention further extends to provide a process for surface sterilization of oak tasar silkworm worm eggs by utilizing the disinfectant solution.

No. of Pages: 35 No. of Claims: 18

(19) INDIA

(22) Date of filing of Application :13/10/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: DUST-SEAL COVER

(51) Intonetional along (Continu	E15D 15/14	(71)NJ C A I' 4
(51) International classification	:F15B 15/14	(71)Name of Applicant:
(31) Priority Document No	:2012-64141	1)KAYABA INDUSTRY CO., LTD.
(32) Priority Date	:21/03/2012	Address of Applicant :WORLD TRADE CENTER BLDG., 4-
(33) Name of priority country	:Japan	1,HAMAMATSU-CHO 2-CHOME, MINATO-KU,TOKYO
(86) International Application No	:PCT/JP2013/052696	1056111, JAPAN
Filing Date	:06/02/2013	2)KYB-YS CO., LTD
(87) International Publication No	:WO 2013/140878	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)TOSHIO KOBAYASHI
Number	*- :	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.2175/KOLNP/2014 A

(57) Abstract:

A dust-seal cover that is configured to protect a dust seal that is slidably in contact with an outer circumferential surface of a piston rod inserted into a cylinder tube so as to be movable in a reciprocating manner and that scrapes off dust adhered to the outer circumferential surface of the piston rod is provided. The dust-seal cover includes—a cover portion that is formed so as to cover at least a part of the dust seal and that faces, at a tip end portion thereof, the outer circumferential surface of the piston rod with a predetermined gap, and a holder that is configured to press and hold the cover portion on the outer circumferential surface of the cylinder tube.

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

(19) INDIA

(22) Date of filing of Application :13/10/2014

(21) Application No.2176/KOLNP/2014 A

(43) Publication Date: 06/02/2015

(54) Title of the invention: MIXER DRUM DRIVING 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 	:B60P 3/16 :P2012-65745 :22/03/2012 :Japan :PCT/JP2013/054957 :26/02/2013 :WO 2013/140960 :NA :NA :NA	(71)Name of Applicant: 1)KAYABA INDUSTRY CO., LTD. Address of Applicant:WORLD TRADE CENTER BLDG., 4- 1,HAMAMATSU-CHO 2-CHOME,MINATO-KU, TOKYO 1056111, JAPAN (72)Name of Inventor: 1)YOSHIMITSU TAKAHASHI
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(57) Abstract:

A mixer drum driving apparatus includes an auxiliary fluid pressure pump that is provided independently of a fluid pressure pump and is capable of supplying a working fluid to a fluid pressure motor so as to cause a mixer drum to perform agitation rotation, a plurality of motors configured to drive the auxiliary fluid pressure pump to rotate, and a control unit that controls rotation of the mixer drum. When an engine is stopped during the agitation rotation of the mixer drum, the control unit drives the auxiliary fluid pressure pump to rotate by operating the plurality of motors selectively in accordance with a load of the mixer drum.

No. of Pages: 34 No. of Claims: 10

(22) Date of filing of Application :30/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: STRUCTURE FOR SLIDABLY MOUNTING MULTIPLE CAMERAS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H02H3/00, H02H7/28 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)POLYCOM, INC. Address of Applicant:6001 AMERICA CENTER DRIVE,SAN JOSE, CALIFORNIA 95002, UNITED STATES OF AMERICA (72)Name of Inventor: 1)IYER RAMACHANDRAN
(87) International Publication No	: NA	I)ITER RAMACHAMDRAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method for automatic protection coordination in a power system network comprises identifying radial source-to-load paths and fault protection devices in the source-to-load paths, for a portion of the power system network to be coordinated. Device settings data for fault protection devices are retrieved, including multiple preconfigured settings for some devices. Fault currents for each of multiple possible electrical faults in said portion of the power system network are predicted, and a selectivity check for each pair of fault protection devices that are adjacent to one another in an identified radial source-to-load path is performed, for each of one or more of the predicted fault currents, taking into account multiple preconfigured settings for remotely controllable fault protection devices. A combination of settings for remotely controllable fault protection devices that minimizes selectivity violations among the pairs is selected, and necessary change-setting commands are sent to remotely controllable fault protection devices.

No. of Pages: 18 No. of Claims: 13

(22) Date of filing of Application :30/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: AN IMPROVED PROCESS FOR MANUFACTURING ROTARY HOUSING OF OIL RIG

(51) International classification	:B22D	(71)Name of Applicant:
(31) international classification	31/00	1)BHARAT HEAVY ELECTRICALS LIMITED
(31) Priority Document No	:NA	Address of Applicant :REGION CAL OPERATIONS
(32) Priority Date	:NA	DIVISION(ROD) PLOT NO:9/1, DJ BLOCK 3RD FLOOR
(33) Name of priority country	:NA	KARUNAMOYEE,SALTLAKE CITY, KOLKATA-700091
(86) International Application No	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
Filing Date	:NA	FORT, NEW DELHI - 110049, INDIA
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)MANTRAVADI RAMAKRISHNA
Filing Date	:NA	2) SUBHASH CHANDRA JHA
(62) Divisional to Application Number	:NA	3) MARREDDY CHANDRASEKHRA REDDY
Filing Date	:NA	

(57) Abstract:

The invention relates to an Improved process for manufacturing rotary housing of Oil Rig which uses a combination of castings for the higher section modules materials, and wherein plate members for the lower cross section materials are used in the manufacturing process of the rotary housing. The integration between the plates and the castings is ensured by welding with compatible materials. This results in a robust structure with improved performance capability.

No. of Pages: 12 No. of Claims: 3

(19) INDIA

(22) Date of filing of Application: 14/10/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: PROCESSING APPARATUS, PROCESSING METHOD, PROGRAM, COMPUTER READABLE INFORMATION RECORDING MEDIUM AND PROCESSING SYSTEM

(51) International classification :G10L 21/0232 (31) Priority Document No :2012-104573 (32) Priority Date :01/05/2012 (33) Name of priority country :Japan (86) International Application No Filing Date :19/04/2013 (87) International Publication No :WO 2013/164981 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(71)Name of Applicant :1)RICOH COMPANY, LTD.

Address of Applicant :3-6, NAKAMAGOME 1-CHOME,

OHTA-KU, TOKYO 1438555 JAPAN

(21) Application No.2206/KOLNP/2014 A

:PCT/JP2013/062305 (72)Name of Inventor : :19/04/2013 1)AIBA, AKIHITO

2)TAKAMI, JUNICHI

(57) Abstract:

A processing apparatus estimates a noise amplitude spectrum of noise included in a sound signal. The processing apparatus includes an amplitude spectrum calculation part configured to calculate an amplitude spectrum of the sound signal for each one of frames obtained from dividing the sound signal into units of time; and a noise amplitude spectrum estimation part configured to estimate the noise amplitude spectrum of the noise detected from the frame. The noise amplitude spectrum estimation part includes a first estimation part configured to estimate the noise amplitude spectrum based on a difference between the amplitude spectrum calculated by the amplitude spectrum calculation part and the amplitude spectrum of the frame occurring before the noise is detected, and a second estimation part configured to estimate the noise amplitude spectrum based on an attenuation function obtained from noise amplitude spectra of the frames occurring after the noise is detected.

No. of Pages: 86 No. of Claims: 12

(21) Application No.2207/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/10/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: ANTI-TLR4 ANTIBODIES 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 	:29/03/2013 :WO 2013/149111 :NA	(71)Name of Applicant: 1)NOVIMMUNE S.A. Address of Applicant:14 Ch. des Aulx, Plan-Les-Ouates, CH- 1228 Geneva Switzerland (72)Name of Inventor: 1)ROUSSEAU, Francois 2)LOYAU, Jérémy 3)FISCHER, Nicolas 4)ELSON, Greg
· , ,	:NA :NA	3)FISCHER, Nicolas 4)ELSON, Greg 5)KOSCO-VILBOIS, Marie
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed are antibodies that specifically bind Toll-like Receptor 4 (TLR-4), and to methods of using the anti-TLR4 antibodies as therapeutics and diagnostic agents.

No. of Pages: 131 No. of Claims: 24

(22) Date of filing of Application :31/07/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: AN IMPROVED FRANCIS TURBINE RUNNER REDUCING RUNAWAY SPEED OF THE TURBINE WITHOUT COMPROMISING EFFICIENCY AND CAVITATION CHARACTERISTIC

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	3/00 :NA	1)BHARAT HEAVY ELECTRICALS LIMITED Address of Applicant :REGIONAL OPERATIONS
(32) Priority Date	:NA	DIVISION(ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR,
(33) Name of priority country	:NA	KARUNAMOYEE,SALTLAKE CITY, KOLKATA-700091,
(86) International Application No	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
Filing Date	:NA	FORT, NEW DELHI - 110049, INDIA
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)VAJJHALA SHRINIVAS RAO
Filing Date	:NA	2)SACHIN KUMAR TRIPATHI
(62) Divisional to Application Number	:NA	3)SAURABH SHARMA
Filing Date	:NA	4)HIMANSHU SHUKLA

(57) Abstract:

The invention relates to an improved Francis turbine runner reducing runaway speed of the turbine without compromising efficiency and cavitation characteristic, the improvement is characterized in that the maximum permissible value of technical parameter ξ and specific speed of the turbine runner are selected for construction according to the technical relationship: ξ = A[(N]s)3-B[(N]s)2 + C[(N]s)+D Where, A = 3.702E-08 B = 4.804E-04 C = 3.447E-01 D = 3.473E+01

No. of Pages: 12 No. of Claims: 2

(22) Date of filing of Application :31/07/2013

(21) Application No.914/KOL/2013 A

(43) Publication Date: 06/02/2015

(54) Title of the invention: AN INTEGRALLY FORGED RIGID SUPPORT DEVICE DISPOSABLE BETWEEN THE TUBE ELEMENTS SUSTAINING HARSH OPERATING CONDITIONS PREVAILING INSIDE THE FLUIDIZED BED COMBUSTION **BOILERS**

(51) International classification		(71)Name of Applicant:
(31) international classification	37/00	1)BHARAT HEAVY ELECTRICALS LIMITED
(31) Priority Document No	:NA	Address of Applicant :REGIONAL OPERATIONS
(32) Priority Date	:NA	DIVISION(ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR,
(33) Name of priority country	:NA	KARUNAMOYEE,SALTLAKE CITY, KOLKATA-700091,
(86) International Application No	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
Filing Date	:NA	FORT, NEW DELHI - 110049, INDIA.
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)A.V. KRISHNAN
Filing Date	:NA	2)V.K. VERMA
(62) Divisional to Application Number	:NA	3)T. RADHAKRISHNAN
Filing Date	:NA	4)TARAKESH KANAKALA

(57) Abstract:

(19) INDIA

The invention relates to an integrally forged rigid support device disposable between the tube elements sustaining harsh operating conditions prevailing inside the fluidized bed combustion boilers, comprising a vertical forged hanger block (1) weldably connected to a vertical hanger tube suspended from the roof casing of a bundle chamber of the fluidized bed combustion boiler, the hanger block (1) having a deep through-hole for receiving steam to cool the hanger block (1), a plurality of semicircular recesses configured vertically along the opposite sides of the vertical block (1) to detachably attach one horizontal coil (2) on each recess; one each halfsleeve (3) located on both sides of the hanger block (1) to hold the horizontal coils (2) in position and the sleeves (3) welded with the block (1) such that the horizontal coils (2) remain free from welding to allow free-movement of the coils (2) inside the block (1) due to thermal expansion during operation of the boiler, wherein the number of forged hanger block (1) per row of support is half the number of horizontal coil assemblies (2).

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

(19) INDIA

(22) Date of filing of Application :15/10/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: NITROGEN-FIXING BACTERIAL INOCULANT FOR IMPROVEMENT OF CROP PRODUCTIVITY AND REDUCTION OF NITROUS OXIDE EMISSION

(21) Application No.2219/KOLNP/2014 A

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:61/613,579 :21/03/2012 :U.S.A. :PCT/SG2013/000112 :20/03/2013 :WO 2013/141815 :NA	(71)Name of Applicant: 1)TEMASEK LIFE SCIENCES LABORATORY LIMITED Address of Applicant: National University of Singapore, 1 Research Link, Singapore 117604 SINGAPORE (72)Name of Inventor: 1)MUNUSAMY, Madhaiyan 2)JI, Lianghui
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to methods of reducing chemical fertilizer usage and greenhouse gas nitrous oxide emission and to methods of improving plant growth rate and seed productivity in agriculture through the application of a novel artificially manufactured formula containing a nitrogen-fixing bacterium that efficiently colonizes non-legume plants in aerial parts and the root system. The bacteria inocula and methods are particularly suitable for plants in the genera Jatropha, Sorghum, Gossypium, Elaeis, Ricinus, Oryza and Manihot.

No. of Pages: 41 No. of Claims: 21

(22) Date of filing of Application :01/08/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention : FOOD SUPPLEMENT FOR THE BONE METABOLISM, STAMINA, BODY ACHE AND IMMUNITY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A23L 1/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)DR DURGA KUMAR PRADHAN Address of Applicant: HIGH ALTITUDE RESEARCH CENTRE (HARC) (FORESTS, ENVIRONMENT AND WILDLIFE MANAGEMENT DEPARTMENT), GOVERNMENT OF SIKKIM DEORALI, GANGTOK 737102
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:NA : NA :NA :NA	Sikkim India (72)Name of Inventor: 1)DR DURGA KUMAR PRADHAN
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

One of the major constituents of food supplement syrup for the bone metabolism, stamina, body ache and immunity is Viscum liquidambaricolum. Besides these, the basic ingredients are Bergenia ciliata, Astilbe rivurcum, Rheum emodi and silajit in the ratio of 1: 1:1:0.7 . The average of 10.5 grams per dose, twice a day for 25 days to six months is found good for the food supplement syrup. It is processing of vegetables oil or fat with basic elements of raw material for the easy absorption.

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

(19) INDIA

(21) Application No.918/KOL/2013 A

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(22) Date of filing of Application :01/08/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: MULTI DECK BUSBAR ARRANGEMENT

(51) International classification	:A63F 1/00	(71)Name of Applicant: 1)SCHNEIDER ELECTRIC INDUSTRIES SAS
(31) Priority Document No	:NA	Address of Applicant :of 35, rue Joseph Monier, F-92500
(32) Priority Date	:NA	Rueil Malmaison, France
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)Gautam Lalankere Shivalingu
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 11		•

(57) Abstract:

The present invention relates to a multi deck busbar arrangement (101), which is generally used for power transmission. According to a preferred embodiment of the invention, the multi deck busbar arrangement (101) compresses Red phase busbars (102-R, 103-R), Yellow phase busbars (102-Y,103-Y), Blue phase busbars (102-B, 103-B) and Neutral phase busbars (102-N, 103-N). The busbars (102-R, 102-Y, 102-B 102-N) are arranged in the upper deck (104) are disposed offset in relation to the busbars (103-R, 103-Y, 103-B 103-N) arranged in the lower deck (105) with a predetermined phase clearanc. Each of the busbars (102-R, 102-Y, 102-B, 102-N) belonging to the upper deck (104) is disposed in the region which overlie an inter-busbar region (106) of the lower deck (105).

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

(21) Application No.2239/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 16/10/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: HIGH DENSITY ABSORBENT CORES HAVING IMPROVED BLOOD WICKING

(51) International :A61F13/53,A61F13/20,A61L15/22 classification

(31) Priority Document No :61/686,730

(32) Priority Date :11/04/2012 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2013/035987

No :10/04/2013 Filing Date

(87) International Publication :WO 2013/155190

No

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

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

(71)Name of Applicant: 1)GP CELLULOSE GMBH

Address of Applicant : Metallstrasse 9b, CH-6300 Zug

Switzerland

(72)Name of Inventor: 1)TIPPEY, Darold 2)NONNI, Arthur, J.

(57) Abstract:

The present disclosure describes absorbent cores and absorbent products that include highly compressed oxidized fibers that result in improved fluid handling, e.g., blood wicking properties, improved dimensional stability, improved rewet and better acquisition than comparable standard kraft pulp fiber devices.

No. of Pages: 42 No. of Claims: 22

(22) Date of filing of Application :07/10/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: SUPERIMPOSED COMPOSITE INTERIOR COMPONENT

(51) International classification :B32B3/30,B60R13/02 (71)Name of Applicant : (31) Priority Document No 1)TOYODA IRON WORKS CO., LTD :2012-050184 (32) Priority Date Address of Applicant :4-50, Hosoya-cho, Toyota-shi, Aichi :07/03/2012 (33) Name of priority country 4718507 JAPAN :Japan (86) International Application No :PCT/JP2012/071602 (72)Name of Inventor: 1)MIYASHITA Osamu Filing Date :27/08/2012 (87) International Publication No :WO 2013/132677 2)SAKAI Hideaki (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A superimposed composite component wherein a number of microprojections (20), which are in a longitudinal shape in a planar view, are positioned so as to constitute the individual sides of polygons, thereby forming a polygonal lattice pattern (34). The microprojections (20) in the longitudinal shape are easily deflected and deformed in the direction perpendicular to the longitudinal direction thereof but hardly deflected and deformed in the longitudinal direction. When these microprojections (20) undergo elastic deformation, therefore, the deformed state is stable and, when pressed by a finger or hand, variation in texture is regulated. The microprojections (20), which are positioned to constitute the lattice pattern (34), have different orientations along the longitudinal direction and, therefore, support each other to give an appropriate feeling of rigidity. The feeling of rigidity, in combination with a softness obtained by the elastic deformation of the microprojections (20), can impart an improved excellent texture.

No. of Pages: 89 No. of Claims: 13

(21) Application No.2109/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/10/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: HINGED EXTENDABLE CLIMBING AID

(51) International classification :B60R3/02,E06C1/00,E06C5/02 (71)Name of Applicant :

(31) Priority Document No :20 2012 003 977.6

(32) Priority Date :18/04/2012 (33) Name of priority country :Germany

(86) International Application No :PCT/EP2013/055391 Filing Date :15/03/2013

(87) International Publication No: WO 2013/156219

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

:NA Number :NA Filing Date

1)MANITOWOC CRANE GROUP FRANCE SAS

Address of Applicant :18, Rue de Charbonnières, F-69130

Ecully FRANCE

(72)Name of Inventor: 1)KOKOT, Dennis

(57) Abstract:

The invention relates to a hinged extendable climbing aid for reaching an operator cabin or for climbing onto the walking deck of an undercarriage of a mobile device, for example a mobile crane, comprising a rung ladder (1), comprising a receiving portion in which the rung ladder (1) is held for transporting purposes and out of which the rung ladder (1) can be moved so as to be used as a climbing aid, and comprising a guide for at least one end of the rung ladder (1). The guide is formed by the receiving portion or is connected to the receiving portion, and the guide and an end of the rung ladder (1) together form a hinge in which the rung ladder (1) can be pivoted relative to the mobile device. The rung ladder (1) is a telescopable rung ladder (1) with at least one inner and outer telescoping element, and the receiving portion is connected or can be connected to the mobile device.

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

(22) Date of filing of Application :02/08/2013 (43) Publication Date : 06/02/2015

(54) Title of the invention: A PROCESS FOR THE EXTRACTION OF LYCOPENE FROM A RICH SOURCE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:D06F 58/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)BHABESH CHANDRA GOSWAMI Address of Applicant: DEPARTMENT OF CHEMISTRY, GAUHATI UNIVERSITY, GUWAHATI 781014, ASSAM (72)Name of Inventor: 1)BHABESH CHANDRA GOSWAMI
Filing Date	:NA	2)RUMILA MUKHERJEE
(87) 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 process for the extraction of lycopene from micro algae comprising: drying the algae in the refrigerator; subjecting the dry cells to the step of mixing with solvent; homogenizing the mixture in a homogenizer extracting the carotenoid pigments in a solvent; evaporating the extract to dryness and dissolving the residue in petroleum ether.

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

(21) Application No.2158/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 10/10/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: NOVEL THIENOPYRIMIDINE DERIVATIVES, PROCESSES FOR THE PREPARATION THEREOF AND THERAPEUTIC USES THEREOF

(51) International :C07D495/04,A61P35/00,A61K31/505 classification

(31) Priority Document No:1253044 (32) Priority Date :03/04/2012 (33) Name of priority :France

country (86) International

:PCT/EP2013/056958 Application No :02/04/2013

Filing Date (87) International

:WO 2013/150036 Publication No

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

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

(71)Name of Applicant:

1)SANOFI

Address of Applicant :54 rue La Boétie, F-75008 Paris France

(72)Name of Inventor: 1)CARRY, Jean-Christophe 2)CHATREAUX,Fabienne

3) DEPRETS, Stéphanie 4)DUCLOS,Olivier 5)LEROY, Vincent 6)MALLART, Sergio

7) MELON-MANGUER, Dominique

8)MENDEZ-PEREZ, Maria

9)VERGNE, Fabrice

(57) Abstract:

The present invention relates to compounds of formula (I): wherein R6 is -CONH2 or a -C(R α)(R β)(OH) group; R is a substituted phenyl or heteroaryl group; R7 is an optionally substituted aryl or heteroaryl group. Process for the preparation thereof and therapeutic use thereof.

No. of Pages: 217 No. of Claims: 21

(22) Date of filing of Application :10/10/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention : DRY PROCESSES, APPARATUS, COMPOSITIONS AND SYSTEMS FOR REDUCING SULFUR OXIDES AND HCI

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B01D53/00 :61/618,233 :30/03/2012 :U.S.A. :PCT/US2013/034807 :01/04/2013 :WO 2013/149241 :NA :NA :NA	(71)Name of Applicant: 1)FUEL TECH,INC. Address of Applicant:27601 BELLA VISTA PARKWAY, WARRENVILLE, IL 60555 UNITED STATES OF AMERICA. 2)SMYRNIOTIS,CHRISTOPHER,R. 3)SCHULZ,KENT,W. 4)RIVERA,EMELITO,P 5)FANG,MINGMING 6)SARATOVSKY,IAN (72)Name of Inventor: 1)SMYRNIOTIS,CHRISTOPHER,R. 2)SCHULZ,KENT,W 3)RIVERA,EMELITO,P 4)FANG,MINGMING 5)SARATOVSKY,IAN
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(57) Abstract:

Dry processes, apparatus, compositions and systems are provided for reducing emissions of sulfur oxides, and sulfur dioxide in particular, and/or HCI in a process employing a combination of a dolomite hydrate sorbent and a sorbent doping agent administered to achieve coverage of a three-dimensional cross section of a passage carrying SOx and/or HCI - containing gases with a short but effective residence time at a temperature effective to provide significant sulfur dioxide and/or HCI reductions with high rates of reaction and sorbent utilization. The once-through, dry process can advantageously introduce the sorbent and sorbent doping agent dry or preferably as a slurry to enable uniform treatment. Preferred sorbent doping agents include water-soluble or water-dispersible copper and/or iron compositions which can be heated to an active form in situ by the flue gases being treated.

No. of Pages: 34 No. of Claims: 25

(21) Application No.2257/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 17/10/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: METHOD AND APPARATUS FOR ACCESSING CHANNEL IN WLAN SYSTEM

(51) International classification :H04W74/04,H (31) Priority Document No :61/639,877 (32) Priority Date :28/04/2012 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/KR2013/003659

Filing Date :29/04/2013 (87) International Publication No :WO 2013/162338

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

:H04W74/04,H04W52/02 (71)Name of Applicant : :61/639,877 1)LG ELECTRONICS INC.

Address of Applicant :20 YEOUIDO-DONG

YEONGDEUNGPO-GU, SEOUL 150-721 REPUBLIC OF

KOREA

(72)Name of Inventor: 1)SEOK,YONGHO

(57) Abstract:

The present invention relates to a wireless communication system, and more specifically, disclosed are a method and an apparatus for accessing a channel in a WLAN system. The method for accessing a channel from a station (STA) in a wireless communication system, according to one embodiment of the present invention, comprises the steps of: receiving from an access point (AP) a first frame including a traffic indication map (TIM) and a restricted access window (RAW) parameter set component; determining a RAW in which channel access of the STA is permitted, on the basis of the RAW parameter set (RPS) component; and transmitting a second frame to the AP from within the RAW that is determined, wherein the RAW includes at least one slot, the RPS component includes at least one RAW allocation field, each of the at least one RAW allocation field includes a RAW duration field and a slot duration field, and wherein an index of a slot which is allocated to the STA can be determined on the basis of an association identifier (AID) of the STA and the number of the slots in the RAW.

No. of Pages: 50 No. of Claims: 15

(21) Application No.2258/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/10/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: METHODS FOR TREATMENT OF CANCER USING LIPOPLATIN

(51) International classification(31) Priority Document No	:A61K9/127,A61K33/24,A61K47/30 :NA	(71)Name of Applicant: 1)REGULON, INC. Address of Applicant: 249 Matadero Avenue, Palo Alto,
(32) Priority Date	:NA	California 94306 UNITED STATES OF AMERICA
(33) Name of priority country	:NA	(72)Name of Inventor : 1)BOULIKAS, Teni
(86) International Application No Filing Date	:PCT/US2012/050626 :13/08/2012	2)STATHOPOULOS, George
(87) International Publication No	:WO 2014/027994	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Applicant provides herein a method for inhibiting the growth of a solid tumor or treating cancer in a patient comprising, or alternatively consisting essentially of, or yet further consisting of administering to the patient an effective amount of Lipoplatin monotherapy in a first dose and a second dose, thereby inhibiting the growth of the solid tumor or treating cancer in the patient.

No. of Pages: 49 No. of Claims: 30

(21) Application No.2059/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/09/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: ENVIRONMENTAL STRESS-RESISTANT PLANT WITH HIGH SEED PRODUCTIVITY AND METHOD FOR CONSTRUCTING SAME

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A01H5/00,A01H1/00,C12N15/09 :2012-052018 :08/03/2012 :Japan	(71)Name of Applicant: 1)KANEKA CORPORATION Address of Applicant: 3-18,Nakanoshima 2-chome,Kita-ku,Osaka-shi, Osaka 5308288,JAPAN
(86) International Application No Filing Date (87) International Publication No	:PCT/JP2013/057320 :08/03/2013 :WO 2013/133454	(72)Name of Inventor: 1)IMAI,Ryozo 2)KIM,Myung Hee 3)NAGIRA,Yozo 4)TAOKA,Naoaki
(61) Patent of Addition toApplication NumberFiling Date(62) Divisional to Application	:NA :NA	-y
Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a plant having a high resistance to environmental stress and a high seed productivity. More specifically, the present invention relates to a transgenic plant having an enhanced resistance to environmental stress and an increased seed productivity, said transgenic plant having been genetically modified so as to overexpress polyadenylate-binding protein (PABN) gene.

No. of Pages: 39 No. of Claims: 8

(19) INDIA

(22) Date of filing of Application :16/10/2014 (43) Publication Date : 06/02/2015

(21) Application No.2240/KOLNP/2014 A

(54) Title of the invention: CRUSHING ROLL WITH EDGE PROTECTION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B02C4/30 :13/451,875 :20/04/2012 :U.S.A.	(71)Name of Applicant: 1)METSO MINERALS INDUSTRIES, INC. Address of Applicant: 20965 Crossroads Circle, Waukesha, WI 53186 United States of America
(86) International Application No Filing Date	:PCT/US2013/034070 :27/03/2013	(72)Name of Inventor : 1)HARBOLD, Keith
(87) International Publication No	:WO 2013/158346	2)REZNITCHENKO, Vadim
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A grinding assembly for the comminution of material that enhances the durability of the side edges of both a grinding roll and a flange roll. Both the grinding roll and the flange roll include a wear ring that is received within a side groove formed at each end of a cylindrical roll body. The wear ring includes a series of spaced receiving cavities that each receive a wear member. Each wear member includes a radially outer surface and an axial end face to enhance the durability of the edge of the roll body. The edge ring is retained on the roll body by a series of connectors that pass through the edge ring. In the flange roll design, a flange ring is attached to the roll body by a series of connectors that also secure the edge ring to the roll body.

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

(22) Date of filing of Application :16/10/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: FEEDWATER HEATING HYBRID POWER GENERATION

(71) T	E011/12/00	
(51) International classification	:F01K13/00	(71)Name of Applicant:
(31) Priority Document No	:61/621,772	1)EIF NTE HYBRID INTELLECTUAL PROPERTY
(32) Priority Date	:09/04/2012	HOLDING COMPANY, LLC
(33) Name of priority country	:U.S.A.	Address of Applicant :Three Charles River Place, 63 Kendrick
(86) International Application No	:PCT/US2012/052875	Street, Suite 101, Needham, MA 02494 United States of America
Filing Date	:29/08/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2013/154601	1)SMITHE, Alan
(61) Patent of Addition to Application	:NA	2)MILLER, Mackenzie
Number	*	3)DIRKSE, Philip
Filing Date	:NA	4)SHORTLIDGE, Seth
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The technology combines a secondarily-fueled boiler with a primary-fueled Rankine steam cycle combustion system in a hybrid process. Outputs from a secondarily-fueled combustion system are fed into the feedwater heater(s), deaerators, feedwater heating lines, and/or reheat lines of a primary-fueled Rankine system. The integrated steam flow eliminates or reduces one or more extractions from the steam turbine generator, thereby allowing it to generate more electrical power using the same Rankine system input energy or generate equivalent electrical power using energy inputs from multiple fuel sources. The technology can be utilized in any type and/or configuration of secondary fuel or secondarily-fueled combustion technology and/or can utilize any type of primary- fueled steam source.

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

(22) Date of filing of Application :08/10/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention: SURFACE-COATED CUTTING TOOL HAVING THEREIN HARD COATING LAYER CAPABLE OF EXHIBITING EXCELLENT CHIPPING RESISTANCE DURING HIGH-SPEED INTERMITTENT CUTTING WORK

:B23C5/16,B23B27/14 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)MITSUBISHI MATERIALS CORPORATION :2012-053652 (32) Priority Date Address of Applicant :3-2, Otemachi 1-chome, Chiyoda-ku, :09/03/2012 (33) Name of priority country Tokyo 1008117 JAPAN :Japan (86) International Application No :PCT/JP2013/056639 (72)Name of Inventor: Filing Date :11/03/2013 1)IGARASHI Makoto (87) International Publication No :WO 2013/133441 2)TATSUOKA Sho (61) Patent of Addition to Application 3)IWASAKI Naoyuki :NA Number 4)OSADA Akira :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Provided is a surface-coated cutting tool which has therein a hard coating layer capable of exhibiting excellent chipping resistance during the high-speed intermittent cutting work of an alloy steel or the like. A surface-coated cutting tool, in which the surface of a base comprising a WC-based cemented carbide, a TiCN-based cermet and an ultrahigh-pressure-sintered cBN-based compact is coated with at least a (Ti1-XAIX)(CYN1-Y) layer (wherein X and Y independently represent an atomic ratio and fulfill the formulae $0.60 \le X \le 0.90$ and $0.0005 \le Y \le 0.005$, respectively) that has a cubic structure and is formed by, for example, a chemical deposition method using Al(CH3)3 as a reaction gas component, wherein the amount of Al (XL) is 0.55 to 0.70 inclusive (i.e., $0.55 \le XL \le 0.70$) and the average grain diameter (DL) of (Ti1-XAIX)(CYN1-Y) crystal grains is 0.1 μ m or less in a region of a composite carbonitride layer which is adjacent to the interface between the base and the composite carbonitride layer, the amount of Al (XH) is $0.80 \le XH \le 0.95$) and the average grain diameter (DH) of the (Ti1-XAIX)(CYN1-Y) crystal grains is 0.5 to 0.95 inclusive (i.e., $0.80 \le XH \le 0.95$) and the average grain diameter (DH) of the composite carbonitride layer, the content ratio of Al in the composite carbonitride layer is gradually increased toward the front surface layer side of the composite carbonitride layer, and the average grain diameter of the (Ti1-XAIX)(CYN1-Y) crystal grains is gradually increased toward the front surface layer side of the composite carbonitride layer.

No. of Pages: 65 No. of Claims: 12

(22) Date of filing of Application :08/10/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: BI-DIRECTIONAL ENERGY CONVERTER WITH MULTIPLE DC SOURCES

(51) International classification: H02M7/48,H02M7/44,H02M7/00 (71)Name of Applicant: (31) Priority Document No 1)EMPOWER MICRO SYSTEMS INC. :13/441,788 (32) Priority Date :06/04/2012 Address of Applicant: 548 Market St., Ste. 803, San Francisco, (33) Name of priority country California 94104, U.S.A. :U.S.A. (86) International Application 2)NUOTIO, Mika :PCT/US2013/034730 3)BONNANO, Jon No :30/03/2013 Filing Date 4)ILIC, MILAN (87) International Publication (72)Name of Inventor: :WO 2013/151907 1)ILIC, Milan (61) Patent of Addition to :NA **Application Number** :NA

(57) Abstract:

Number

Filing Date

Filing Date

(62) Divisional to Application

:NA

:NA

A multiple dc sources bi-directional energy converter includes a plurality of direct current (DC) power sources; one alternating current (AC) power source; at least one stacked alternating current (AC) phase, each stacked alternating current (AC) phase having at least two or more full bridge converters, each respectively coupled to one of the direct current power sources, each full bridge converter having an inductor electrically coupled thereto; and a local controller coupled to each full bridge converter controlling the firing sequence of the switching devices in said full bridge converter to generate an approximately nearly sinusoidal voltage waveform when operated as a voltage source inverter in one direction or generate an approximately nearly constant direct current (DC) output when operated as a full-wave active rectifier in the opposite direction.

No. of Pages: 42 No. of Claims: 21

(22) Date of filing of Application :08/10/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: METHOD FOR FILTERING A SUSPENSION AND RECESS PLATE

(51) International :B01D25/164,B01D25/21,B01D25/28 classification

(31) Priority Document No:

(32) Priority Date (33) Name of priority

country

(86) International

:PCT/EP2012/057186 Application No :19/04/2012

Filing Date

(87) International

:WO 2013/156070 Publication No

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

:NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)OUTOTEC (FINLAND) OY

Address of Applicant : Puolikkotie 10, FI-02230 Espoo

FINLAND

(72)Name of Inventor: 1)BÖHNKE, Bernd

(57) Abstract:

The invention relates to a method for filtering a suspension in a filter device, the filter device having between a stationary head piece and a movable end piece a pack of at least a first recess plate (1) having a first recess (4) and/or a second recess plate (1) having a second recess, the first recess (4) and/or the second recess forming a filter chamber between the first recess plate (1) and the second recess plate (1), and the filter device having two filter cloths between the first recess plate (1) and the second recess plate (1) for filtering a solid content out of the suspension as a filter cake, and the first recess plate (1) having a first duct (9) towards a first outlet (10) and the second recess plate (1) having a second duct towards a second outlet, the method comprising a sequence of steps, including piping the suspension into the filter chamber between the filter cloths, directing the suspension through the filter cloths, such that the filter cake settles between the filter cloths, discharging a liquid fraction of the suspension through the first duct (9) and the second duct out of the filter chamber and through the first outlet (10) of the first recess plate (1) and the second outlet of the second recess plate (1) as a filtrate, and piping a drying gas from the head piece into the filter chamber through the first duct (9) and discharging the same through the second duct. The invention further relates to such a recess plate (1). In order to increase filtration capacity of the known methods, recess plates (1) and filter devices, according to the invention it is suggested to discharge the drying gas straight from the second duct to the ambience. Further according to the invention it is suggested that a valve (14) for opening the first duct (9) to ambient air is nested in the recess plate (1).

No. of Pages: 19 No. of Claims: 13

(19) INDIA

(22) Date of filing of Application :13/10/2014 (43) Publication Date : 06/02/2015

(21) Application No.2177/KOLNP/2014 A

(54) Title of the invention: FLUID PRESSURE CYLINDER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:F15B15/22 :P2012-067080 :23/03/2012 :Japan :PCT/JP2013/054277 :21/02/2013 :WO 2013/140934 :NA	(71)Name of Applicant: 1)KAYABA INDUSTRY CO., LTD. Address of Applicant: World Trade Center Bldg., 4-1, Hamamatsu-cho, 2-chome, Minato-ku, Tokyo 1056111 JAPAN (72)Name of Inventor: 1)Hiroshi FUNATO
` /		

(57) Abstract:

A cushion mechanism 6 for decelerating a piston rod 30 includes a holder 61 fastened to an end surface of a cylinder portion 42 fitted with an inner peripheral surface of a cylinder tube 10, a plurality of fastening bolts 65 for fastening the holder 61 to the cylinder portion 42, an annular entry portion 62 provided on the piston rod 30 and advancing into the holder 61 and the cylinder portion 42 in the vicinity of the stroke end, a cushion passage 63 formed by penetrating at least one of the plurality of fastening bolts 65 and allowing a working chamber 2 and a discharge port 66 to communicate with each other and leading a working fluid in the working chamber 2 to a discharge port 66, and an orifice portion 64 provided on the cushion passage 63 and applying resistance to a flow of the working fluid.

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

(21) Application No.2179/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 13/10/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: LOW BAND GAP CONJUGATED POLYMERIC COMPOSITIONS AND APPLICATIONS THEREOF

(51) International :C08G61/12,C08L65/00,A61K41/00 classification

(31) Priority Document No :61/623.886 (32) Priority Date :13/04/2012 (33) Name of priority country: U.S.A.

(86) International Application: PCT/US2013/036451

:12/04/2013 Filing Date

(87) International Publication :WO 2013/155463

No

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

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

Filing Date

(71)Name of Applicant:

1)WAKE FOREST UNIVERSITY

Address of Applicant: 391 Technology Way, Suite 199, Winston Salem, NC 27101 UNITED STATES OF AMERICA

(72)Name of Inventor:

1)LEVI, Nicole

2)CARROLL, David, L. 3)MACNEILL, Christopher 4)GRAHAM, Elizabeth

(57) Abstract:

In one aspect electrically conductive conjugated polymeric compositions are described herein demonstrating compatibility with aqueous solvents and/or phases. The ability to provide aqueous compatible compositions from previously water insoluble conjugated polymeric systems, in some embodiments, can facilitate use of such systems in a variety of aqueous applications, including biological applications.

No. of Pages: 70 No. of Claims: 41

(21) Application No.749/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :10/07/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: X-RAY UNIT WITH SLIT APERTURES

(57) Abstract:

The invention comprises both an x-ray unit and also a method for recording x-ray projection. The inventive x-ray unit is designed to move an object under examination along a longitu-dinal axis at a forward velocity and further comprises a recording unit able to be rotated around the longitudinal axis. This recording unit comprises an x-ray emitter for emission of x-rays in the form of an x-ray bundle as well as an x-ray de-tector for detection of the x-rays. The inventors have recog-nized that a first, fixed-positonn slit aperture with a first opening of an extent D_1 along the longitudinal axis, designed for shaping the x-ray bundle with an extent DZ_1 at the height of the longitudinal axis, and also a second slit aperture with a second opening of an extent D_2 along the longitudinal axis, designed for shaping the x-ray bundle with an extent DZ_2 at the height of the longitudinal axis, wherein DZ_2

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

(19) INDIA

(21) Application No.2075/KOLNP/2014 A

(22) Date of filing of Application :30/09/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention : METHOD FOR OPERATING AN ARC FURNACE AND SMELTING SYSTEM HAVING AN ARC FURNACE OPERATED ACCORDING TO SAID METHOD

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No	:C21C5/52,F27B3/28,H05B7/148 :EP12163722.7 :11/04/2012 :EPO :PCT/EP2013/055951 :21/03/2013	1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: Wittelsbacherplatz 2, 80333 München, Germany (72)Name of Inventor: 1)BACKES; Ralph-Herbert
Filing Date (87) International Publication No	:WO 2013/152937	2)DÖBBELER; Arno
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In a method for operating an arc furnace (30) and a smelting system operated according to said method, at least one measurement value (M1) of a measurement variable characterizing the operating state of each of a plurality of system components that influence the operating conditions of the arc furnace (30) is detected and compared to a respective currently permissible threshold value for said measurement variable, and a maximum power (P) that can be supplied to the arc furnace (30) within a time window (Δ t1) while satisfying all currently permissible threshold values is determined on the basis of the comparison result.

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

(19) INDIA

(22) Date of filing of Application :30/09/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention : ADDITIONAL SERVICE EXECUTING APPARATUS INCLUDED IN USER TERMINALTO PROVIDE ADDITIONAL SERVICE, AND METHOD FOR PROVIDING ADDITIONAL SERVICE USING SAME

(51) International classification	:H04W 4/16,G06Q 50/10	(71)Name of Applicant: 1)TI SQUARE TECHNOLOGY LIMITED
(31) Priority Document No	:10-2012-0047180	Address of Applicant :1019-1021, 10F, DOOSAN VENTURE
(32) Priority Date	:03/05/2012	DIGM, 126-1, PYEONGCHON-DONG, DONGAN-GU
(33) Name of priority country	:Republic of Korea	ANYANG-SI GYEONGGI-DO 431-070 REPUBLIC OF KOREA
(86) International Application No	:PCT/KR2013/003537	(72)Name of Inventor:
Filing Date	:24/04/2013	1)LEE, GIL-SOO
(87) International Publication No	:WO 2013/165119	2)CHOI, DO-YEAN
(61) Patent of Addition to Application	:NA	3)HONG, SEUNG-CHUN
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to an additional service executing apparatus included in a user terminal to provide an additional service, and to a method for providing an additional service using the apparatus. Provided is an additional service executing apparatus having a display unit, included in a user terminal to provide an additional service, the apparatus comprising: an additional service menu interface providing unit which is driven by a signal generated upon the detection of a preset event, and which outputs an additional service menu interface corresponding to the detected event on the display unit; and an additional service execution unit for providing an additional service by performing an operation corresponding to the additional service menu selected through the additional service menu interface by a user. Also provided is a method for providing an additional service using the apparatus.

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

(21) Application No.2077/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/09/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: METHOD FOR DRAWING FORMING LIMIT DIAGRAM FOR PRESS FORMING, CRACK PREDICTION METHOD, AND METHOD FOR MANUFACTURING PRESSED COMPONENTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:B21D 22/00,B21D22/20 :NA :NA :NA :PCT/JP2012/060216 :16/04/2012 :WO 2013/157063 :NA	(71)Name of Applicant: 1)JFE STEEL CORPORATION Address of Applicant: 2-3,UCHISAIWAI-CHO 2-CHOME, CHIYODA-KU, TOKYO 1000011 JAPAN (72)Name of Inventor: 1)FUJII, YUSUKE 2)SHINMIYA, TOYOHISA 3)YAMASAKI, YUJI 4)HIGAI, KAZUHIKO
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A forming limit curve is obtained by subjecting a surface of a metal plate to be press-formed to marking at a distance between reference points of 0.5-1.0 mm, bulging the metal plate with a punch having a top minimum curvature radius of 3-10 mm and measuring principal maximum strain and principal minimum strain at a time of generating cracks on the surface of the metal plate at a top portion of the punch from a change of the marking, from which a forming limit diagram is prepared and a crack generation is predicted in the press forming based on the forming limit diagram, and then the press forming is conducted under conditions not causing crack generation.

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

(19) INDIA

(21) Application No.2078/KOLNP/2014 A

(22) Date of filing of Application :30/09/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention: THREE-DIMENSIONAL, PREVASCULARIZED, ENGINEERED TISSUE CONSTRUCTS, METHODS OF MAKING AND METHODS OF USING THE TISSUE CONSTRUCTS

(51) International :A61L27/56,A61L27/52,A61L27/40

classification :61/607.397 (31) Priority Document No

:06/03/2012 (32) Priority Date (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2013/029366

No :06/03/2013 Filing Date

(87) International Publication :WO 2013/134383

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

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

(71)Name of Applicant:

1)THE UAB RESEARCH FOUNDATION

Address of Applicant :1530 3rd Avenue, South, AB 770,Birmingham, AL 35294-0107 UNITED STATES OF

AMERICA

2) SOUTHERN RESEARCH INSTITUTE

(72)Name of Inventor: 1)BERRY, Joel, L. 2) WICK, Timothy, M.

3) MURPHY-ULLRICH, Joanne

4)PENMAN, Andrew, D. 5)CAIN, Andrew W.

(57) Abstract:

Embodiments of the present disclosure provide for three-dimensional (3D), prevascularized, engineered tissue constructs, 3D prevascularized engineered tissue models of cancer, and bioreactors and bioreactor arrays including the tissue constructs. The present disclosure also provides methods of making the tissue constructs, methods of using the tissue constructs, methods of drug discovery using the tissue constructs and/or cancer models, and the like.

No. of Pages: 62 No. of Claims: 47

(21) Application No.2155/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/10/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: METHODS AND SYSTEMS FOR DETOXIFYING PHORBOL ESTERS IN PLANT PRODUCTS

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:A01H3/02,B01J19/08,B01J19/12 :61/609,536 :12/03/2012 :U.S.A. :PCT/SG2013/000084 :01/03/2013 :WO 2013/137822 :NA :NA	(71)Name of Applicant: 1)TEMASEK LIFE SCIENCES LABORATORY LIMITED Address of Applicant: National University of Singapore, 1 Research Link, Singapore 117604,Singapore (72)Name of Inventor: 1)HONG,Yan 2)BU,Yunping 3)LO,Loong Chueng
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to methods and systems for detoxifying phorbol. esters in plant products or materials particularly in plant products or materials from the Euphorbiacaeae family or the Thymelaeaceae family, particularly in the genera Jatropha, Croton tiglium, Hippomane mancinella, Wikstroemia canescens, Daphne mezereum or Pimelea prostrate.

No. of Pages: 32 No. of Claims: 20

(19) INDIA

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

(21) Application No.2156/KOLNP/2014 A

(43) Publication Date: 06/02/2015

(54) Title of the invention : EXHAUST GAS PURIFICATION CATALYST, EXHAUST GAS PURIFICATION DEVICE AND FILTER, AND PRODUCTION METHOD FOR SAID CATALYST

(51) International classification	:B01J 23/04	(71)Name of Applicant:
(31) Priority Document No	:2012-054182	1)OTSUKA CHEMICAL CO.,LTD
(32) Priority Date	:12/03/2012	Address of Applicant :2-27,OTEDORI 3-CHOME,CHUO-
(33) Name of priority country	:Japan	KU,OSAKA-SHI,OSAKA 5400021,JAPAN
(86) International Application No	:PCT/JP2013/055279	(72)Name of Inventor:
Filing Date	:28/02/2013	1)UETANI,MASATOSHI
(87) International Publication No	:WO 2013/136991	2)MISHIMA,TAKAHIRO
(61) Patent of Addition to Application	:NA	
Number	*- *-	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		<u> </u>

(57) Abstract:

Provided is an exhaust gas purification catalyst having high catalytic activity enabling combustion of PM (particulate matter) at low temperatures and excellent thermal resistance, an exhaust gas purification device and filter having high combustion efficiency of PM and excellent durability, and a method for producing the catalyst. The exhaust gas purification catalyst of the present invention is composite oxide particles containing at least one alkali metal, Si, and Zr.

No. of Pages: 38 No. of Claims: 8

(19) INDIA

(22) Date of filing of Application :13/10/2014 (43) Publication Date : 06/02/2015

(21) Application No.2182/KOLNP/2014 A

(54) Title of the invention: A PROCESS FOR THE SYNTHESIS OF AN ORGANIC ARSENIC COMPOUNDS

:C07F 9/72	(71)Name of Applicant:
:60/759,218	1)THE TEXAS A & M UNIVERSITY SYSTEM
:13/01/2006	Address of Applicant :OFFICE OF TECHNOLOGY
:U.S.A.	COMMERCIALIZATION, 3369, TAMUS, COLLEGE
:PCT/US2007/001127	STATION, TX 77843-3369, USA
:16/01/2007	(72)Name of Inventor:
:WO 2007/082104	1)ZINGARO RALPH, A
:NA :NA :3105/KOLNP/2008 :29/07/2008	
	:60/759,218 :13/01/2006 :U.S.A. :PCT/US2007/001127 :16/01/2007 :WO 2007/082104 :NA :NA

(57) Abstract:

The present invention provides organic arsenicals which may be used to treat numerous human tumor cell lines, both of solid and hematological origin, as well as against malignant blood cell from patients with leukemia.

No. of Pages: 27 No. of Claims: 1

(21) Application No.2184/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/10/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention: ACOUSTOPHORETIC SEPARATION OF LIPID PARTICLES FROM RED BLOOD CELLS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61M1/38 :61/636,515 :20/04/2012 :U.S.A. :PCT/US2013/037404 :19/04/2013 :WO 2013/159014 :NA :NA	(71)Name of Applicant: 1)FLODESIGN SONICS, INC. Address of Applicant: 380 Main Street, Wilbraham, Massachusetts 01095 UNITED STATES OF AMERICA (72)Name of Inventor: 1)DUTRA, Brian 2)LIPKENS, Bart
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(57) Abstract:

A system for removing lipids from blood during cardiopulmonary bypass surgery is disclosed. The system uses an acoustophoretic separator having improved trapping force. The transducer of the acoustophoretic separator includes a ceramic crystal. Blood flows through the separator, and lipids are trapped and removed.

No. of Pages: 36 No. of Claims: 17

(19) INDIA

(22) Date of filing of Application :30/09/2014 (43) Publication Date: 06/02/2015

(54) Title of the invention: COMPOUNDS FOR A CONTROLLED RELEASE OF ACTIVE PERFUMING MOLECULES

(51) International :C07C323/52,C07C323/60,C07C323/61 classification

(31) Priority Document :12160253.6

(32) Priority Date :20/03/2012

(33) Name of priority :EPO

country

(86) International :PCT/EP2013/055641

Application No :19/03/2013 Filing Date

(87) International :WO 2013/139766

Publication No

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

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

(71)Name of Applicant:

1)FIRMENICH SA

Address of Applicant: 1, route des Jeunes, P. O. Box 239, CH-

1211 Geneva 8 SWITZERLAND

(72)Name of Inventor:

1)FANKHAUSER, Peter

2)HERRMANN, Andreas

3)MADDALENA, Umberto

4)TRACHSEL, Alain

5)SHEN, Youqing

(57) Abstract:

The present invention relates to the field of perfumery. More particularly, it concerns compounds comprising at least one \(\text{\mathcal{B}}\)-thio carbonyl or nitrile moiety capable of liberating an active molecule selected from an α , β - unsaturated ketone, aldehyde or nitrile. The present invention concerns also the use of said compounds in perfumery as well as the perfuming compositions or perfumed articles comprising the inventions compounds. (I) wherein: a) m represents an integer from 1 to 6; b) Pro represents a hydrogen atom or a group susceptible of generating an odoriferous α , β - unsaturated ketone, aldehyde or nitrile and is represented by the formulae (II) or (II) in which the wavy line indicates the location of the bond between said Pro and the sulfur atom S; and at least one of the Pro groups is of the formula (II) or (II).

No. of Pages: 52 No. of Claims: 11

(21) Application No.2080/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/09/2014

(43) Publication Date: 06/02/2015

(54) Title of the invention: DERIVATIVES OF 1-(2-HALO-BIPHENYL-4-YL)- ALKANECARBOXYLIC ACIDS FOR THE TREATMENT OF NEURODEGENERATIVE DISEASES

(51) International

:C07C69/743,C07C233/18,C07C233/33

classification

(31) Priority Document :12163074.3

(32) Priority Date :04/04/2012 (33) Name of priority

country

:EPO (86) International

Application No

:PCT/EP2013/057025

Filing Date

:03/04/2013

(87) International

:WO 2013/150072

Publication No (61) Patent of Addition to :NA **Application Number**

:NA

:NA

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

:NA Filing Date

(71)Name of Applicant:

1) CHIESI FARMACEUTICI S.P.A.

Address of Applicant: Via Palermo, 26/A, I-43100 Parma

ITALY

(72)Name of Inventor:

1)IMBIMBO, Bruno Pietro

2)RAVEGLIA, Luca

(57) Abstract:

The present invention concerns pro-drugs of 1-(2- halo-biphenyl-4-yl) alkanecarboxylic acids, pharmaceutical compositions thereof, a process for their preparation and their use for preventing and/or treating neurodegenerative diseases, improving cognitive function and treating cognitive impairment.

No. of Pages: 36 No. of Claims: 17

(21) Application No.2081/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/09/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: STYLOGRAPHIC PEN WITH PRECIOUS 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 	:RM2012A000130 :30/03/2012 :Italy :PCT/EP2013/056161 :22/03/2013 :WO 2013/144038 :NA :NA	(71)Name of Applicant: 1)DELTA S.R.L. Address of Applicant: Piazza Bernini, 51, I-81031 Aversa (ce) ITALY (72)Name of Inventor: 1)MARINO, Gennaro 2)MATRONE, Ciro
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Stylographic pen provided with a pen nib (1) comprising an aeration hole (2), a slit (3), a tip (5) and a precious material plate (4) made of any precious material, characterized in that said plate made of precious material (4) is placed in proximity to the aeration hole (2) and in proximity to the ink present in the pen nib (1).

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

(19) INDIA

(22) Date of filing of Application :30/09/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: CHECK VALVE VENTED STERILIZABLE POWERED SURGICAL HANDPIECE

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:12/03/2013 :WO 2013/138355 :NA :NA :NA	(71)Name of Applicant: 1)MEDTRONIC XOMED, INC. Address of Applicant:6743 Southpoint Drive, North, Jacksonville, Florida 32216 UNITED STATES OF AMERICA (72)Name of Inventor: 1)KOLTZ, Michael L.
Filing Date :	:NA	

(57) Abstract:

A steam-sterilizable powered surgical handpiece provided with a check valve for venting of an interior cavity of the handpiece. The check valve may be configured to vent steam, steam condensate or contaminants from the interior cavity during a steam sterilization cycle. The check valve may be configured to open when subjected to steam sterilization parameters to prevent gas, liquid or contaminants from potentially degrading interior components of the handpiece.

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

(19) INDIA

(22) Date of filing of Application :15/10/2014

(21) Application No.2222/KOLNP/2014 A

(43) Publication Date: 06/02/2015

(54) Title of the invention: SHROUD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:BO2012A000230 :26/04/2012 :Italy :PCT/IB2013/053209 :23/04/2013 :WO 2013/160832 :NA :NA	(71)Name of Applicant: 1)SPAL AUTOMOTIVE S.R.L. Address of Applicant: Via per Carpi, 26/B, I-42015 Correggio ITALY (72)Name of Inventor: 1)SPAGGIARI, Alessandro
Filing Date	:NA :NA	

(57) Abstract:

A shroud (1) comprises a frame (2) having a main opening (3) delimited by a main wall (4) and at least one secondary opening (5) delimited by a secondary opening (6), for the passage of a cooling air flow; a ventilator mounting system (7) associated with the frame (2) to support the ventilator at the main opening (3); a panel (10) for closing the secondary opening (5), connected to the frame (2) and movable, by rotation, between a lowered position and a raised position; the shroud comprises a pin (11), defining the axis of rotation (R) of the panel (10), extending through the secondary opening (5) and having a first and a second end (11a, 11 b) respectively connected to a first and a second section (6a, 6b) of the secondary wall (6), opposite each other, a pair of hooks (12a, 12b) being provided in the panel (10) for connection to the pin (11).

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

(21) Application No.2223/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/10/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: NOVEL BACILLUS SUBTILIS

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:C12N1/20,A23K1/16,C12R1/125 :10-2012-0035289 :05/04/2012 :Republic of Korea :PCT/KR2013/002827 :04/04/2013 :WO 2013/151362 :NA :NA	(71)Name of Applicant: 1)CJ CHEILJEDANG CORPORATION Address of Applicant:500, Namdaemunro 5-ga, Jung-gu, Seoul 100-749 Republic of korea (72)Name of Inventor: 1)BACK, Seung Hee 2)YANG, Si Yong 3)WOO, Seo Hyung 4)SEO, Hyo Seel
* *	:NA :NA :NA	

(57) Abstract:

The present invention relates to a novel Bacillus subtilis CJMPB957 (KCCM11271P) strain, a probiotic formulation containing the same, and a method for preventing or treating a disease in livestock by using the same.

No. of Pages: 45 No. of Claims: 8

(19) INDIA

(22) Date of filing of Application :09/07/2012 (43) Publication Date : 06/02/2015

(54) Title of the invention: A TOOTHPASTE DISPENSING TOOTHBRUSH

 (51) International classification (31) Priority Document No (32) 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)SINGH RANJEET MUTUM Address of Applicant: VILL - MASPARA, P.O MASPARA PS - SILCHAR, DIST - CACHAR STATE - ASSAM, INDIA (72)Name of Inventor: 1)SINGH RANJEET MUTUM
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	
-		I

(57) Abstract:

A toothpaste dispensing toothbrush is a complets inbuilt toothbrush, and is made of four different components. It includes a hollow cylindrical body for storing toothpaste as handle. The handle is threading internally on both sides in different dimension so that the conventional toothpaste tube of different size available in the market can be threadebly connected to the toothbrush for filling or refilling operation. The bristle head and the closure cap is also connected threadebly with the handle as per designed dimension respectively. The closure cap will keep the bristle fresh against contamination, deformation during transportation . For extracting toothpaste, first unthreaded the bristle head from the handle , squeezed upon the handle and received toothpaste at the bristle , then reconnect and get ready for brushing. The toothpaste container is made of semi rigid semi elastic non-porous membrance.

No. of Pages: 8 No. of Claims: 1

(22) Date of filing of Application: 14/10/2014 (43) Publication Date : 06/02/2015

(54) Title of the invention: METHODS AND COMPOSITIONS FOR TREATING INFLAMMATION

(51) International classification :A61K39/02,G01N33/543 (71)Name of Applicant : (31) Priority Document No :61/615,743

(32) Priority Date :26/03/2012 (33) Name of priority country :U.S.A.

:PCT/IB2013/052352 (86) International Application No Filing Date :25/03/2013

(87) International Publication No :WO 2013/144811

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

1)UTI LIMITED PARTNERSHIP

(21) Application No.2204/KOLNP/2014 A

Address of Applicant: Suite 130, 3553-31 Street NW, Calgary,

Alberta T2L 2K7 Canada (72)Name of Inventor: 1)SANTAMARIA, Pedro

(57) Abstract:

(19) INDIA

This disclosure provides therapeutic compositions and methods for inducing an anti- inflammatory response and/or treating inflammation in the gastrointestinal tract and/or accumulating gut microbial antigen-specific anti-inflammatory T cells in a patient in need thereof.

No. of Pages: 97 No. of Claims: 30

(19) INDIA

(22) Date of filing of Application :30/07/2013

(21) Application No.909/KOL/2013 A

(43) Publication Date: 06/02/2015

(54) Title of the invention: AN IMPROVED FUEL CELL STACK SYSTEM OPERABLY CONNECTED TO AN INTERNAL GAS PREHEATING DEVICE TO IMPROVE PERFORMANCE OF PROTON EXCHANGE MEMBRANE FUEL CELLS AND HIGH TEMPERATURE POLYMER ELECTROLYTE MEMBRANE FUEL CELLS

(51) International classification	:H01M	(71)Name of Applicant:
(31) International classification	8/00	1)BHARAT HEAVY ELECTRICALS LIMITED
(31) Priority Document No	:NA	Address of Applicant :REGION CAL OPERATIONS
(32) Priority Date	:NA	DIVISION(ROD) PLOT NO:9/1, DJ BLOCK 3RD FLOOR
(33) Name of priority country	:NA	KARUNAMOYEE,SALTLAKE CITY, KOLKATA-700091
(86) International Application No	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
Filing Date	:NA	FORT, NEW DELHI - 110049, INDIA.
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)VASU GOLLANGI
Filing Date	:NA	2)ERADALA HARI BABU
(62) Divisional to Application Number	:NA	3)DNYNDEV ARJUN
Filing Date	:NA	4)MAMIDI RAMESH PAWAR

(57) Abstract:

The invention relates to an improved fuel cell stack system assembly operably connected to an internal gas preheating device to improve performance of proton exchange membrane fuel cells and high temperature polymer electrolyte membrane fuel cells, the improvement is characterized by comprising an anode side reactant preheating plate placed between the insulation plate and the anode side copper plate; and a cathode side reactant preheating plate interposed between the cathode copper plate and the insulation plate, the preheating plates, are connected to an electrical heating source and circulating hot fluid, the plate being initially heated to a predetermined temperature using an electrical heater provided with a temperature controller, an inlet of the preheating plate is disposed directly in fluid communication with the regular stack inlet receiving reactants, the received reactants are heated prior to enter into electrochemical active zone inlet manifold line of anode or cathode side; and in that the system is configured to be in direct communication with the cathode exhaust gases through an external assembly interposed between cathode exit and the preheating device for preheating the reactants once the stack attains its startup temperature.

No. of Pages: 29 No. of Claims: 5

PUBLICATION U/R 84(3) IN RESPECT OF APPLICATION FOR RESTORATION OF PATENT (CHENNAI)

Notice is hereby given that any person interested in opposing the following applications for Restoration of Patent under Section 60 of the Patent Act, 1970, may at any time within 2 months from the date of Publication of this notice, give notice to the Controller of Patents at the appropriate office on the prescribed Form 14 under Rule 85 of the Patents (Amendment) Rules, 2006.

PATENT NUMBER	APPLICANT	TITLE	DATE OF CESSATION	APPROPRIATE OFFICE
252169	SHRI. SAVARIMUTHU IGNACIMUTHU	A process for Nymphayol[17-(hexan-2yl)-10,13-dimethylhexadecahydro-1H-cyclopenta[a]phenanthren-3-ol] from Nymphaea stellata with antidiabetic property	20/07/2013	CHENNAI
197938	INDIAN INSTITUTE OF SCIENCE.	A SYSTEM FOR HIGH YIELD AND SPEED ENHANCEMENT OF SEMICODUCTOR INTEGRATED CIRCUITS	12/03/2014	CHENNAI
224903	INDIAN INSTITUTE OF SCIENCE	A SMALL SYNTHETIC RNA, A METHOD OF PREPARING THE SAME AND USES THEREOF	12/03/2014	CHENNAI
253457	INDIAN INSTITUTE OF SCIENCE	A PROCESS FOR PREPARATION OF NANO CERAMIC-METAL MATRIX COMPOSITES	31/01/2014	CHENNAI

PUBLICATION U/S.60 IN RESPECT OF APPLICATION FOR RESTORATION OF PATENTS

Notice is hereby given that application for restoration of under mentioned Patents have been allowed and said Patents are restored.

Sl.No.	Appln. No.	Patent No.	Applicants	Title	Date of Publicatio n U/R.84(3)	Appro priate Office
1.	806/CAL/1997	192025	JOHNSON & JOHNSON KABUSHIKI KAISHA	METHOD OF MAKING HEAT SEALING ADHESIVE BANDAGE AND ADHESIVE BANDAGE MADE BY USING SAID METHOD	27/06/2014	kolkata

Ser ial Nu mb er	Patent Numbe r	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appro priate Office
1	264917	2211/DELNP/ 2004	06/01/2003	22/01/2002	MULTI-LAYERD INFORMATION RECORDING MEDIUM, RECORDING APPARATUS, AND RECORDING METHOD	PANASONIC CORPORATIO N	04/12/2009	DELHI
2	264919	2876/DELNP/2 008	14/09/2006	15/09/2005	COMBINATION DRUG CONTAINING PROBUCOL AND A TETRAZOLYALKOXY- DIHYDROCARBOSTYRIL DERIVATIVE WITH SUPEROXIDE SUPRESSANT EFFECTS	OTSUKA PHARMACEUTIC AL CO.,LTD	25/07/2008	DELHI
3	264926	2590/DELNP/ 2007	12/09/2005	16/09/2004	SCHEDULING DATA TRANSMISSIONS IN A WIRELESS COMMUNICATIONS NETWORK	NOKIA CORPORATIO N	03/08/2007	DELHI
4	264930	1129/DELNP/ 2009	28/09/2007	29/09/2006	A PROCESS FOR PURIFICATION OF A FLUID STREAM	UOP LLC	20/08/2010	DELHI
5	264935	2059/DELNP/ 2006	05/11/2004	14/11/2003	A METHOD OF TRANSMITTING AND RECEIVING FRAME FROM A MEMORY AGENT	INTEL CORPORATIO N	15/06/2007	DELHI
6	264938	2704/DELNP/ 2008	09/05/2006	15/09/2005	A METHOD FOR CONNECTING A USER TERMINAL TO A PEER-TO- PEER NETWORK	FRINGLAND LTD.	25/07/2008	DELHI
7	264942	3258/DELNP/ 2005	20/01/2004	24/01/2003	METHOD OF MANAGING PLAYBACK SPEED INFORMATION OF A RECORDING MEDIUM	LG ELECTRONICS INC.	17/08/2007	DELHI
8	264944	7814/DELNP/ 2007	12/01/2006	24/03/2005	METHOD AND SYSTEM FOR DETERMINING THE RATE OF NON UNIFORMITY OF BOLOMETER BASED SYSTEMS	SEMI- CONDUCTOR DEVICES - AN ELBIT SYSTEMS - RAFAEL PARTNERSHIP	04/07/2008	DELHI
9	264946	3544/DELNP/ 2008	27/10/2006	27/10/2005	A WIRELESS COMMUNICATION APPARATUS AND METHOD TO TRANSMIT THE PRECODING INFORMATION	QUALCOMM INCORPORATE D	08/08/2008	DELHI
10	264948	8197/DELNP/ 2007	20/04/2006	22/04/2005	HYBRID ORTHOGONAL FREQUENCY DIVISION MULTIPLE ACCESS SYSTEM AND METHOD	INTEL CORPORATIO N	04/07/2008	DELHI
11	264954	516/DEL/200 3	28/03/2003		A PROCESS FOR SYNTHESIS OF SOLD PHASE EXTRACTANT MATERIALS BY POLYMER IMPRINTING SUITABLE FOR UPTAKE OF URANYL IONS AND A PROCESS THEREOF	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	27/04/2007	DELHI

12	264955	2348/DELNP/ 2007	29/09/2005	01/10/2004	PROCESS FOR THE PURIFICATION OF 1,4-BUTANEDIOL	DAVY PROCESS TECHNOLOGY LIMITED	03/08/2007	DELHI
13	264976	2669/DELNP/ 2008	28/09/2006	30/09/2005	INJECTABLE VISCOUS MEDICINAL PREPARATION COMPRISING ETHANOL AND AN X-RAY OPAQUE FAT-SOLUBLE COMPOUND	JACQUES THERON,ANNE DOMPMARTIN, DANIEL LABBE	25/07/2008	DELHI
14	264977	4583/DELNP/ 2006	02/08/2004	18/02/2004	CONSTANT SPEED ACCESSORY DRIVE SYSTEM AND TRANSMISSION	THE GATES CORPORATIO N	24/08/2007	DELHI
15	176/10211	262/DELNP/2 006	16/09/2004	16/09/2003	A HANDHELD ELECTRONIC DEVICE FOR PROVIDING AVAILABILITY DATA IN A MESSAGING ENVIRONMENT	RESEARCH IN MOTION LIMITED	17/08/2007	DELHI
16	264984	3038/DELNP/ 2004	10/04/2003	16/04/2002	SYSTEM AND APPARATUS FOR SUPPORTING MULTIPLE COLLABORATIVE SESSIONS IN A BI-DIRECTIONAL COMMUNICATION DEVICE	M/S. THOMSON LICENSING S.A	09/10/2009	DELHI
17	264986	780/DEL/200 6	22/03/2006 12:16:40		A PROCESS FOR THE PREPARATION OF SELF- GLAZED GEOPOLYMER TILE FROM FLY ASH AND BLAST FURNACE SLAG	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	30/03/2012	DELHI
18	176/IUU I	384/DELNP/2 008	12/07/2006	16/07/2005	NANOCRYSTALLINE SINTERED BODIES MADE FROM ALPHA ALUMINIUM OXIDE METHOD FOR PRODUCTION AND USE THEREOF	CENTER FOR ABRASIVES AND REFRACTORIE S RESEARCH & DEVELOPMEN T C.A.R.R.D. GMBH	29/08/2008	DELHI
19	264994	5128/DELNP/ 2006	29/03/2005	29/03/2004	METHODS FOR THE TREATMENT OF TINNITUS INDUCED BY COCHLEAR EXCITOTOXICITY.	AURIS MEDICAL AG,INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE (INSERM)	22/06/2007	DELHI
20	265003	8405/DELNP/ 2007	11/05/2006	31/05/2005	LOCALIZATION SYSTEM AND LOCALIZATION METHOD AND MOBILE POSITION DATA TRANSMITTER	SIEMENS ENTERPRISE COMMUNICAT IONS GMBH & CO. KG	04/07/2008	DELHI
21	265009	7839/DELNP/ 2007	12/01/2006	24/03/2005	METHOD AND SYSTEM FOR MEASURING AND COMPENSATING FOR THE CASE TEMPERATURE VARIATIONS IN A BOLOMETER BASED SYSTEM	SEMI- CONDUCTOR DEVICES-AN ELBIT SYSTEMS- RAFAEL PARTNERSHIP	04/07/2008	DELHI
22	265010	139/DEL/200 6	18/01/2006	21/01/2005	SYSTEM AND METHOD FOR MODULAR DISPLAY	DELL PRODUCTS L. P.	17/08/2007	DELHI

23	265011	3092/DELNP/ 2006	08/12/2004	09/12/2003	LIQUID TRIVALENT CHROMATE FOR ALUMINIUM OR ALUMINIUM ALLOY AND MEHTOD FOR FORMING CORROSION-RESISTANT FILM OVER SURFACE OF ALUMINIUM OR ALUMINIUM ALLOY BY USING SAME	DIPSOL CHEMICALS CO., LTD.	10/08/2007	DELHI
24	1765013	3727/DELNP/ 2008	09/05/2003	13/05/2002	A PROCESS FOR PREPARING A COMPOUND	ENANTA PHARMACEUT ICALS INC.,	15/08/2008	DELHI
25	265014	6785/DELNP/ 2009	22/04/2008	27/04/2007	AN APPARATUS AND PROCESS FOR PRODUCING BIOCOKE	NANIWA ROKI CO., LTD,KINKI UNIVERSITY	25/06/2010	DELHI
26	265015	10711/DELN P/2008	05/06/2007	05/06/2006	A METHOD FOR PRODUCING HIGH PERFORMANCE POLYMER COMPOSITES	UNIVERSITY OF AKRON	22/05/2009	DELHI
27	265016	1977/DELNP/ 2008	24/08/2006	09/09/2005	FOAMED SETTABLE COMPOSITIONS COMPRISING CEMENT KILN DUST, AND METHODS OF USING THEM	HALLIBURTON ENERGY SERVICES, INC	20/03/2009	DELHI
28	265017	5415/DELNP/ 2007	03/01/2006	03/01/2005	METHOD FOR TRANSFORMATION OF CONVENTIONAL AND COMMERICALLY IMPORTANT POLYMERS INTO DURABLE AND RECHARGEABLE ANTIMICROBIAL POLYMERIC MATERIALS	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM	17/08/2007	DELHI
29	265019	2067/DELNP/ 2009	14/01/2005	14/01/2004	A PROCESSES FOR THE PREPARATION OF O-(6- PYRAZOLY- 1-YL-PYRIDIN-3- YLMETHYL)HYDROXYLAMINE	ENANTA PHARMACEUT ICALS, INC.	15/05/2009	DELHI
30	265020	933/DELNP/2 007	29/08/2005	02/09/2004	A PROCESS FOR PRODUCTION OF TEREPHTHALIC ACID	GRUPO PETROTEMEX, S.A. DE C.V.	03/08/2007	DELHI
31		7958/DELNP/ 2009	13/06/2008	27/06/2007	SYSTEM AND PROCESS FOR PRODUCTION OF NITROBENZENE	H R D CORPORATIO N	09/07/2010	DELHI
32		3559/DELNP/ 2009	24/10/2007	14/12/2006	LOW DIELECTRIC GLASS AND FIBER GLASS FOR ELECTRONIC APPLICATIONS	PPG INDUSTRIES OHIO, INC.	16/04/2010	DELHI
33	265023	962/DEL/200 5	15/04/2005		AN IMPROVED PROCESS FOR INULINASE PRODUCTION	PUNJABI UNIVERSITY, PATIALA, PUNJAB, INDIA.	01/12/2006	DELHI
34	265030	684/DEL/200 5	30/03/2005	16/04/2004	A SPEAKERPHONE WITH A CELLULAR PHONE CONNECTION	POLYSCOM, INC	05/01/2007	DELHI
35	1/65031	8593/DELNP/ 2007	15/05/2006	24/05/2005	A POLYMER BLEND COMPRISING A POLYETECTROLYTE COPOLYMER,AND AN ARTICLE	ARKEMA,INC.	27/06/2008	DELHI
36	265032	5501/DELNP/ 2009	31/03/2008	30/03/2007	METHOD FOR PRODUCING QUINOLONE CARBOXYLIC ACID DERIVATIVE	DAIICHI SANKYO COMPANY, LIMITED	30/04/2010	DELHI

37	265035	4410/DELNP/ 2006	10/02/2005	11/02/2004	ANTICORROSION COATING COMPOSITION IN AQUEOUS DISPERSION COMPRISING AN ORGANIC TITANATE AND/OR ZIRCONATE	NOF METAL COATINGS EUROPE	15/06/2007	DELHI
38	265038	4884/DELNP/ 2007	21/11/2005	13/12/2004	'PROCESS FOR PURIFICATION OF AROMATIC CARBOXYLIC ACIDS'	BP CORPORATIO N NORTH AMERICA INC.	17/08/2007	DELHI
39	265039	90/DELNP/20 08	09/06/2006	04/07/2005	METHOD, SERVER DEVICE AND A CONVERTING DEVICE FOR SETTING UP A USER DATA CONNECTION	SIEMENS ENTERPRISE COMMUNICAT IONS GMBH, & CO. KG	27/06/2008	DELHI
40	265053	477/DELNP/2 007	07/07/2005	09/07/2004	A HAEMOSTATIC COMPOSITION COMPRISING GELATINE AND HYALURONIC ACID	FERROSAN MEDICAL DEVICES A/S	17/08/2007	DELHI
41	265054	1523/DEL/20 07	18/07/2007 15:39:20		NOVEL CYCLOPROPA[A] NAPHTHALENES FOR THE TREATMENT OF NEUROCEREBRO VASCULAR DISORDERS	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	06/03/2009	DELHI
42	265055	51/DEL/2006	05/01/2006	07/01/2005	SYSTEM AND METHOD FOR OPTICAL MEDIA MARKING	DELL PRODUCTS L. P.	24/08/2007	DELHI
43	265056	970/DEL/200 7	04/05/2007	02/06/2006	I.S. (INDIVIDUAL SECTION) MACHINE AND A METHOD OF OPERATING A BLOW MOLD THEREOF	EMHART GLASS S.A	14/12/2007	DELHI
44	265066	9466/DELNP/ 2008	23/04/2007	21/04/2006	METHODS FOR DRUG DISCOVERY USING A SINGLE-MOLECULE DETECTION APPARATUS	NANOBIOSYM, INC.	27/03/2009	DELHI
45	265073	4658/DELNP/ 2006	10/01/2005	11/02/2004	A PIPETTE SYSTEM	MATRIX TECHNOLOGI ES CORPORATIO N	24/08/2007	DELHI

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1	264920	71/MUMNP/ 2008	10/07/2006	12/07/2005	A STACKED MULTI-BAND ANTENNA FOR SATELLITE POSITIONING	THE EUROPEAN UNION, REPRESENTED BY THE EUROPEAN COMMISSION	15/02/2008	MUMBAI
2	264929	1078/MUMN P/2008	20/12/2006	22/12/2005	A METHOD OF OPERATING A WIRELESS TERMINAL AND A WIRELESS TERMINAL THEREFOR	QUALCOMM INCORPORATED	19/12/2008	MUMBAI
3	264945	1575/MUMN P/2007	02/03/2006	02/03/2005	DYNAMIC GENERATION OF CSI FOR OUTBOUND ROAMERS	ROAMWARE, INC.	16/11/2007	MUMBAI
4	264947	973/MUMNP /2008	23/11/2006	30/11/2005	COOLING ELEMENT AND METHOD FOR MANUFACTURING THE SAME	OUTOTEC OYJ	18/07/2008	MUMBAI
5	264962	1755/MUMN P/2008	01/03/2007	01/03/2006	ENHANCED IMAGE/VIDEO QUALITY THROUGH ARTIFACT EVALUATION	QUALCOMM INCORPORATED	03/10/2008	MUMBAI
6	264963	1536/MUM/2 008	21/07/2008		ADJUSTABLE BEDSIDE READING TABLE	NADGAUDA SHARAD GANESH	26/06/2009	MUMBAI
7	264969	1515/MUMN P/2008	10/01/2007	10/01/2006	A FURNITURE MEMBER ACTUATION MECHANISM	LA-Z-BOY INCORPORATED	19/09/2008	MUMBAI
8	264972	1604/MUMN P/2008	26/02/2007	24/02/2006	A PROCESSING SYSTEM FOR CONCURRENT WRITES ACROSS MULTIPLE CHANNELS AND A METHOD THEREOF	QUALCOMM INCORPORATED	26/09/2008	MUMBAI
9	264988	767/MUM/20 02	23/08/2002		ENERGY EFFICIENT REGENERATION PROCESS	INDIAN INSTITUTE OF TECHNOLOGY	05/06/2004	MUMBAI
10	265036	152/MUMNP /2009	28/09/2007	28/09/2006	PROCESSING OF A MOBILE TERMINATED DATA OVER SIGNALING MESSAGE	QUALCOMM INCORPORATED	15/05/2009	MUMBAI
11	265037	162/MUMNP /2009	28/09/2007	28/09/2006	BUNDLING OF COMMUNICATION SIGNALS FOR EFFICIENCY	QUALCOMM INCORPORATED	15/05/2009	MUMBAI
12	265043	1176/MUMN P/2007	16/02/2006	16/02/2005	A PHARMACEUTICAL FORMULATION OF BORON- CONTAINING SMALL MOLECULES FOR TOPICAL APPLICATION	ANACOR PHARMACEUTICA LS, INC.	15/02/2008	MUMBAI

13	265057	1305/MUMN P/2008	28/12/2006	28/12/2005	A SYSTEM FOR COMPENSATING A SELF- CAUSED DISPLACEMENT OF TISSUE	PT STABILIZATION AB	17/10/2008	MUMBAI
	265069	P/2008	05/01/2007	05/01/2006	DISJOINT AND COMMON LINK OPERATION IN A WIRELESS COMMUNICATION SYSTEM	QUALCOMM INCORPORATED	19/09/2008	MUMBAI
15	265070	880/MUM/20 09	01/04/2009 16:05:04		THERMOPLASTIC COATING COMPOSITION	ASIANPPG INDUSTRIES LTD.	22/10/2010	MUMBAI
16	1/650/41	93/MUMNP/ 2009	05/07/2007	10/07/2006	PHARMACEUTICAL PREPARATION FOR ORAL ADMINISTRATION WITH CONTROLLED ACTIVE INGREDIENT RELEASE IN THE SMALL INTESTINE AND METHODS FOR ITS PRODUCTION	DR. R. PFLEGER CHEMISCHE FABRIK GMBH	26/06/2009	MUMBAI

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1	264921	882/CHE/2004	01/09/2004	22/02/1996	A COMPOSITION OF AN ANIONIC PHOTOCATALYST AND POLYMERIZABLE MATERIAL	CIBA HOLDING INC	14/08/2009	CHENNAI
2	264922	3235/CHENP/2 008	21/12/2006	22/12/2005	INSECTICIDAL AND MITICIDAL MIXTURES OF BIFENTHRIN AND CYANO- PYRETHROIDS	FMC CORPORATION	06/03/2009	CHENNAI
3	264931	5806/CHENP/2 008	27/04/2007	28/04/2006	METHOD FOR SEPARATING OFF COLORING COMPONENTS FROM AQUEOUS PLANT EXTRACTS	BAYER CROPSCIENCE AG	27/03/2009	CHENNAI
4	264936	180/CHENP/20 08	23/06/2006	14/07/2005	PIGMENT DISPERSIONS WITH POLYMERIC DISPERSANTS HAVING PENDING CHROMOPHORE GROUPS	AGFA GRAPHICS NV	19/09/2008	CHENNAI
5	264940	123/CHE/2007	19/01/2007 15:54:57		PILLION FOOTREST ASSEMBLY	R & D, TVS MOTOR COMPANY LIMITED	28/11/2008	CHENNAI
6	264941	3292/CHENP/20 07	21/12/2005	28/12/2004	MEASURES FOR KEEPING A DEGREE OF CONTAMINATION OF A STEAM GENERATOR INCLUDING ITS CONTENTS BELOW A PREDETERMINED MAXIMUM	KONINKLIJKE PHILIPS ELECTRONICS N.V.	09/11/2007	CHENNAI
7	264950	4613/CHENP/2 008	20/02/2007	02/03/2006	REACTOR FOR PRODUCING SECONDARY BUTANOL	IDEMITSU KOSAN CO; LTD	13/03/2009	CHENNAI
8	264951	6417/CHENP/2 008	22/05/2007	24/05/2006	NEGATIVE WORKING, HEAT-SENSITIVE LITHOGRAPHIC PRINTING PLATE PRECURSOR	AGFA GRAPHICS NV	27/03/2009	CHENNAI
9	264952	2466/CHENP/2 008	09/11/2006	18/11/2005	METHOD OF MAKING A LITHOGRAPHIC PRINTING PLATE	AGFA GRAPHICS NV	06/03/2009	CHENNAI
10	264956	6730/CHENP/2 008	04/06/2007	08/06/2006	INTERNAL COMBUSTION ENGINE	REISSER, HEINZ- GUSTAV, A.	27/03/2009	CHENNAI
11	264957	5779/CHENP/2 008	27/08/2004	28/08/2003	LATERAL FLOW DIAGNOSTIC DEVICES WITH INSTRUMENT CONTROLLED FLUIDICS	EPOCAL INC.	27/03/2009	CHENNAI

12	264959	812/CHENP/20 09	27/08/2007	25/08/2006	METHOD FOR OPERATING A POLYOLEFIN MANUFACTURING PROCESS	CHEVRON PHILLIPS CHEMICAL COMPANY LP	29/05/2009	CHENNAI
13	264964	2467/CHENP/2 008	09/11/2006	18/11/2005	METHOD OF MAKING A LITHOGRAPHIC PRINTING PLATE	AGFA GRAPHICS NV	06/03/2009	CHENNAI
14	264965	4776/CHENP/2 009	16/01/2008	17/01/2007	A METHOD FOR RECOVERY OF HIGH PURITY CARBON DIOXIDE	UNION ENGINEERING A/S	06/11/2009	CHENNAI
15	264966	2642/CHENP/2 008	28/11/2006	28/11/2005	NON-AQUEOUS PIGMENT DISPERSIONS USING DISPERSION SYNERGISTS	AGFA GRAPHICS NV	06/03/2009	CHENNAI
16	264967	3882/CHENP/2 008	22/01/2007	24/01/2006	METHOD FOR FILLING INTO MULTILAYER BOTTLE	MITSUBISHI GAS CHEMICAL COMPANY INC,	13/03/2009	CHENNAI
17	264971	2072/CHENP/2 007	08/11/2005	16/11/2004	A METHOD FOR PROVIDING RENDERED IMAGES BASED ON IMAGE SEGMENTATION	KONINKLIJKE PHILIPS ELECTRONICS N.V.	07/09/2007	CHENNAI
18	264975	7132/CHENP/2 008	10/07/2008	31/07/2007	METHOD FOR CONFIGURING AND MANAGING ACCESS POINT AND ACCESS CONTROLLER	HANGZHOU H3C TECHNOLOGIES CO., LTD.	21/08/2009	CHENNAI
19	264978	4992/CHENP/2 008	21/02/2007	21/02/2006	A METHOD FOR SELECTING CDM OR OFDM IN A COMMUNICATION SYSTEM	QUALCOMM INCORPORATED	13/03/2009	CHENNAI
20	264979	1073/CHE/2006	23/06/2006		A DEVICE FOR ONLINE MEASUREMENT OF PARTIAL DISCHARGE IN AN ELECTRIC WINDING	INDIAN INSTITUTE OF TECHNOLOGY	28/12/2007	CHENNAI
21	264981	2855/CHENP/2 008	21/05/2002	27/07/2001	LUER CONNECTOR ASSEMBLY	BECTON, DICKINSON AND COMPANY	06/03/2009	CHENNAI
22	264983	3229/CHENP/2 007	19/12/2005	22/12/2004	BOILER FOR HEATING WATER	KONINKLIJKE PHILIPS ELECTRONICS N.V	16/11/2007	CHENNAI
23	264987	3338/CHENP/2 008	28/11/2006	28/11/2005	SYSTEM PREVENTING UNAUTHORIZED ACQUISITION OF INFORMATION, AND METHOD THEREOF	INTERNATIONAL BUSINESS MACHINES CORPORATION	06/03/2009	CHENNAI
24	264989	6033/CHENP/2 008	02/05/2007	08/05/2006	METHOD OF CRYSTALLIZATION	MITSUBISHI GAS CHEMICAL COMPANY INC, ,TOYOBO CO.LTD, ,MIZUSHIMA AROMA COMPANY LTD,	27/03/2009	CHENNAI
25	264993	3095/CHE/2008	10/12/2008 17:25:55		A PROCESS FOR PRODUCING A MELAMINE CONTAINING SYNTHETIC TANNING COMPOSITION	BALMER LAWRIE & CO., LTD.,	18/06/2010	CHENNAI

26	264995	7163/CHENP/2 008	19/06/2007	26/06/2006	DISPERSING BUBBLE WITH COMPRESSIBLE TRANSPORT FLUID AND METHOD	POPPACK LLC	27/03/2009	CHENNAI
27	264996	4014/CHENP/2 007	09/03/2006	14/03/2005	METHOD AND SYSTEM FOR SIGNALLING AVAILABLE CHANNELS IN A WIRELESS NETWORK	KONNINKLIJKE PHILIPS ELECTRONICS N.V.	23/11/2007	CHENNAI
28	264997	3099/CHENP/2 007	05/12/2005	13/12/2004	A WIRELESS NETWORK FOR MONITORING A PATIENT	KONINKLIJKE PHILIPS ELECTRONICS N.V	07/09/2007	CHENNAI
29	264998	5490/CHENP/2 008	13/04/2007	13/04/2006	A CIRCUIT MODULE OF A MOUNTING STRUCTURE FOR A SEMICONDUCTOR	PANASONIC CORPORATION	20/03/2009	CHENNAI
30	264999	4281/CHENP/2 007	07/09/2006	16/09/2005	COMMUNICATION APPARATUS AND COMMUNICATION METHOD	PANASONIC CORPORATION	21/12/2007	CHENNAI
31	265000	2531/CHE/2008	15/10/2008 16:47:35	16/10/2007	OPTICAL SCANNING DEVICE AND IMAGE FORMING APPARATUS USING THE SAME	CANON KABUSHIKI KAISHA	02/04/2010	CHENNAI
32	265001	1619/CHE/2005	08/11/2005		DISTRIBUTED TIME SYNCHRONIZATION OF ROAD TRAFFIC SIGNAL CONTROLLERS USING GPS	CENTRE FOR DEVELOPEMENT OF ADVANCED COMPUTING(CDA C),DEPARTMENT OF INFORAMTION TECHNOLOGY	28/09/2007	CHENNAI
33	265002	2436/CHE/2007	26/10/2007		MUNTI-FUNCTIONAL PERIPHERAL WITH A PUSH BUTTON FOR DISCONNECTING AN UNIVERSAL SERIAL BUS DEVICE	SAMSUNG R&D INSTITUTE INDIA- BANGALORE PRIVATE LIMITED	11/09/2009	CHENNAI
34	265004	2216/CHENP/2 007	07/11/2005	08/11/2004	SAFE IDENTIFICATION AND ASSOCIATION OF WIRLESS SENSORS	KONINKLIJIKE PHILIPS ELETRONICS N.V	07/09/2007	CHENNAI
35	265005	118/CHE/2007	19/01/2007		METHOD AND SYSTEM OF INTERACTIVE VIDEO BLOGGING	SAMSUNG R& D INSTITUTE INDIA BANGALORE PRIVATE LIMITED	28/11/2008	CHENNAI
36	265006	1740/CHE/2006	22/09/2006		A METHOD AND SYSTEM OF OPE PANEL PROFILING IN AN MFP WITH SIMULTANEOUS MULTIPLE-CLIENT SERVICE SUPPORT	SAMSUNG R& D INSTITUTE INDIA BANGALORE PRIVATE LIMITED	28/11/2008	CHENNAI
37	265007	1521/CHE/2006	24/08/2006 17:11:28		SYSTEM AND METHOD TO SEND ACK/NACK WITHIN ASSIGNMENT MESSAGE FOR REVERSE LINK TRAFFIC IN A COMMUNICATION SYSTEM	SAMSUNG R& D INSTITUTE INDIA BANGALORE PRIVATE LIMITED	28/11/2008	CHENNAI

38	265008	5719/CHENP/2 007	12/06/2006	13/06/2005	FUELS FOR HYDROGEN GENERATING CARTRIDGES	SOCIETE BIC	28/03/2008	CHENNAI
39	265027	4740/CHENP/2 008	07/03/2006	08/09/2008	A METHOD OF TRACKING A STATE OF A MOBILE ELECTRONIC DEVICE	NOKIA CORPORATION	31/07/2009	CHENNAI
40	265033	7251/CHENP/2 008	03/07/2007	05/07/2006	HYDRAULIC PUMP	FRONZONI, Gian, Carlo	27/03/2009	CHENNAI
41	265034	620/CHENP/20 09	03/07/2007	04/07/2006	A DISPENSING DEVICE FOR FLAT, FLEXIBLE, ABSORBING ARTICLES	Eazy-Pac Danmark A/S	05/06/2009	CHENNAI
42	265040	165/CHENP/20 08	13/06/2006	13/06/2005	HIGH VELOCITY LOW PRESSURE EMITTER	VICTAULIC COMPANY	19/09/2008	CHENNAI
43	265041	1558/CHE/2008	26/06/2008 16:10:01	27/06/2007	SHOCK ABSORBER	SMC CORPORATION	21/08/2009	CHENNAI
44	265042	3466/CHENP/2 008	08/01/2007	06/01/2006	SYSTEM AND METHOD FOR RECEIVING AND PLAYING NETWORK TELEVISION PROGRAMS	TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED	06/03/2009	CHENNAI
45	265044	3374/CHENP/2 007	23/01/2006	02/02/2005	METHOD FOR OPERATING A PUMPING SYSTEM	EDWARDS LIMITED	16/11/2007	CHENNAI
46	265045	6252/CHENP/2 008	18/05/2007	18/05/2006	EVAPORATOR SURFACE STRUCTURE OF A CIRCULATING FLUIDIZED BED BOILER AND A CIRCULATING FLUIDIZED BED BOILER WITH SUCH AN EVAPORATOR SURFACE STRUCTURE	FOSTER WHEELER ENERGIA OY	27/03/2009	CHENNAI
47	265046	5869/CHENP/2 007	19/06/2006	21/06/2005	HEAT-SENSITIVE IMAGING ELEMENT	AGFA GRAPHICS NV	27/06/2008	CHENNAI
48	265047	1753/CHENP/2 008	04/10/2006	10/10/2005	STABLE FIBER LAMINATE AND METHOD AND APPARATUS FOR PRODUCING SAME	FLEISSNER GMBH	26/12/2008	CHENNAI
49	265048	3855/CHENP/2 008	22/12/2006	23/12/2005	CHAIN LINK HAVING A MULTI-AXIS LINK JOINT	TSUBAKI KABELSCHLEPP GMBH	13/03/2009	CHENNAI
50	265049	2450/CHENP/2 008	16/10/2006	18/10/2005	METER ELECTRONICS AND METHODS FOR DETERMINING A PHASE DIFFERENCE BETWEEN A FIRST SENSOR SIGNAL AND A SECOND SENSOR SIGNAL OF A FLOW METER	MICRO MOTION, INC.	06/03/2009	CHENNAI
51	265050	5812/CHENP/2 007	02/06/2006	17/06/2005	APPARATUS AND PROCESS FOR THE FERMENTATIVE PRODUCTION OF BIOLOGICAL ACTIVE COMPOUNDS	MERZ PHARMA GMBH & CO KGAA	13/06/2008	CHENNAI
52	265051	237/CHENP/20 07	11/07/2005	20/07/2004	OXIME DERIVATIVES AND THE USE THEREOF AS LATENT ACIDS	CIBA HOLDING INC	24/08/2007	CHENNAI

53	1265052	982/CHENP/20 08	21/08/2006	30/08/2005	DYES CONTAINING A THIOL GROUP	CIBA HOLDING INC	28/11/2008	CHENNAI
54	265060	840/CHENP/20 07	16/05/2005	30/08/2004	A METHOD FOR MAKING ARTICLES IN A SERIES OF LAYERS FORMED ONE ATOP THE NEXT IN A 3D PRINTING PROTOTYPING PROCESS	GM GLOBAL TECHNOLOGY OPERATIONS, INC	24/08/2007	CHENNAI
55	265065	1102/CHENP/2 007	22/09/2005	23/09/2004	MATERIALS HANDLING VEHICLE HAVING SUBSTANTIALLY ALL HYDRAULIC COMPONENTS MOUNTED ON A MAIN FRAME ASSEMBLY	CROWN EQUIPMENT CORPORATION	17/08/2007	CHENNAI
56	265077	2378/CHENP/2 007	25/10/2005	03/11/2004	TRANSMISSION WITH CONVEX PULLEY SHEAVES AND A DRIVE BELT	ROBERT BOSCH GMBH	07/09/2007	CHENNAI

Ser ial Nu mb er	Patent Numbe r	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	264918	2622/KOLNP /2006	14/03/2005	12/03/2004	METHOD AND SYSTEM FOR MONITORING PRINTED MATERIAL PRODUCED BY A PRINTING PRESS	Q.I. PRESS CONTROLS HOLDING B.V.	01/06/2007	KOLKATA
2	264923	495/KOL/200 8	11/03/2008	08/05/2007	A METHOD OF AND A TORQUE CONTROL SYSTEM FOR REGULATING A TORQUE OUTPUT OF AN INTERNAL COMBUSTION ENGINE IN A HYBRID ELECTRIC VEHICLE	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	17/04/2009	KOLKATA
3	264924	632/KOL/2008	28/03/2008	13/11/2007	TRANSMISSION HAVING EIGHT FORWARD SPEED RATIOS AND ONE REVERSE SPEED RATIO BETWEEN INPUT AND OUTPUT MEMBER	GM GLOBAL TECHNOLOGY OPERATIONS INC.	05/06/2009	KOLKATA
4	264925	829/KOLNP/2 009	17/09/2007	18/09/2006	FILLERS, PIGMENTS AND MINERAL POWDERS TREATED WITH ORGANOPOLYSILOXANES	DOW CORNING CORPORATION	22/05/2009	KOLKATA
5	264927	1690/KOLNP/ 2009	02/11/2007	10/11/2006	DISPERSE AZO DYESTUFFS	DYSTAR COLOURS DISTRIBUTION GMBH	12/06/2009	KOLKATA
6	264928	3987/KOLNP/ 2008	06/06/2007	12/06/2006	NEW CHIRAL INTERMEDIATE, PROCESS FOR PRODUCING THE SAME AND ITS USE IN THE MANUFACTURE OF TOLTERODINE, FESOTERODINE, OR THE ACTIVE METABOLITE THEREOF	UCB PHARMA GMBH	27/02/2009	KOLKATA
7	264932	776/KOLNP/ 2009	24/08/2007	24/08/2006	A BIOACTIVE CATIONIC POLYMER LATEX AND METHOD OF MAKING THE SAME	MALLARD CREEK POLYMERS,INC.	15/05/2009	KOLKATA
8	264933	460/KOLNP/ 2008	08/06/2006	04/07/2005	MEDIUM FOR ETCHING OXIDIC, TRANSPARENT, CONDUCTIVE LAYERS	MERCK PATENT GMBH	08/08/2008	KOLKATA
9	264934	1371/KOL/20 07	05/10/2007	06/10/2006	GAS CONDITIONING METHOD AND APPARATUS FOR THE RECOVERY OF LPG/NGL (C2+) FROM LNG	AKER KVAERNER, INC.	10/04/2009	KOLKATA
10	264937	699/KOLNP/ 2009	20/08/2007	22/08/2006	METHOD FOR COATING A HOT-ROLLED OR COLD- ROLLED STEEL STRIP CONTAINING 6-30 WT% MN WITH A METALLIC PROTECTIVE LAYER	THYSSENKRUPP STEEL AG	15/05/2009	KOLKATA

11	264939	1230/KOLNP /2009	21/09/2007	09/10/2006	GRAPHITE-BEARING HIGH- TEMPERATURE LUBRICANT FOR HIGH-GRADE AND CARBON STEELS	CHEMISCHE FABRIK BUDENHEIM KG.	22/05/2009	KOLKATA
12	264943	782/KOLNP/ 2007	26/10/2005	28/10/2004	PROCESS FOR PRODUCING SEMICONDUCTOR SUBSTRATE, SEMICONDUCTOR SUBSTRATE FOR SOLAR APPLICATION AND ETCHING SOLUTION	MIMASU SEMICONDUCTO R INDUSTRY,SPAC E ENERGY CORPORATION	13/07/2007	KOLKATA
13	264949	201/KOL/200 7	08/02/2007		A PROCESS FOR IMPROVING CASTABILITY OF Zr BEARING STEEL	STEEL AUTHORITY OF INDIA LIMITED	22/08/2008	KOLKATA
14	264953	1750/KOLNP/ 2007	28/10/2005	28/10/2004	HERBICIDAL COMPOSITIONS	SUMITOMO CHEMICAL COMPANY, LIMITED,AKZO NOBEL SURFACE CHEMISTRY LLC	27/07/2007	KOLKATA
15	264958	5042/KOLNP/ 2008	15/06/2007	16/06/2006	ANTITUMORAL DIHYDROPYRAN- 2-ONE COMPOUNDS	PHARMA MAR, S.A.	27/03/2009	KOLKATA
16	264960	3169/KOLNP/ 2007	06/06/2006	09/06/2005	MIXTURES OF RED VAT DYES, THEIR PRODUCTION AND THEIR USE FOR DYEING HYDROXYL- CONTAINING MATERIAL	DYSTAR COLOURS DISTRIBUTION GMBH	28/12/2007	KOLKATA
17	264961	2772/KOLNP/ 2009	30/01/2008	01/02/2007	PROCESS FOR THE MANUFACTURE OF CONTACT STRIPS FOR ELECTROLYSERS	UHDENORA S.P.A	13/11/2009	KOLKATA
18	264968	676/KOLNP/2 009	13/07/2007	26/07/2006	FERRITIC CHROMIUM STEEL	SANDVIK INTELLECTUAL PROPERTY AB,TOPSOE FUEL CELL A/S	15/05/2009	KOLKATA
19	264970	4779/KOLNP/ 2007	21/06/2006	21/06/2005	SMOKING DEVICE INCORPORATING A BREAKABLE CAPSULE, BREAKABLE CAPSULE AND PROCESS FOR MANUFACTURING SAID CAPSULE	V. MANE FILS	18/07/2008	KOLKATA
20	264973	1152/KOLNP /2009	21/09/2007	27/09/2006	WATER-SOLUBLE METAL- PROCESSING AGENT, COOLANT, METHOD FOR PREPARATION OF THE COOLANT, METHOD FOR PREVENTION OF MICROBIAL DETERIORATION OF WATER- SOLUBLE METAL- PROCESSING AGENT, AND METAL PROCESSING	YUSHIRO CHEMICAL INDUSTRY CO., LTD.	22/05/2009	KOLKATA
21	264974	3678/KOLNP /2008	08/03/2007	08/03/2006	WASTEWATER TREATMENT SYSTEM AND METHOD	SIEMENS ENERGY,INC.	20/02/2009	KOLKATA
22	264982	1799/KOL/20 08	23/10/2008 16:38:34	24/10/2007	METHOD AND SYSTEM FOR CONTROLLING PULSE WIDTH MODULATION IN A POWER INVERTER IN ELECTRIC DRIVES	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	05/06/2009	KOLKATA

23	264985	3869/KOLNP /2006	27/05/2005	28/05/2004	INJECTION DEVICE	CILAG GMBH INTERNATIONAL,	22/06/2007	KOLKATA
24	1176/1001	244/KOLNP/ 2007	28/07/2005	04/08/2004	METHOD AND DEVICE FOR DRYING A GAS FROM A COMPRESSOR	ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP	29/06/2007	KOLKATA
25	264992	947/KOL/200 8	28/05/2008 16:24:42	10/07/2007	MULTI-SPEED TRANSMISSION	GM GLOBAL TECHNOLOGY OPERATIONS INC.	24/04/2009	KOLKATA
26	265012	3686/KOLNP /2006	23/05/2005	28/05/2004	AN ENERGY PRODUCING AND CONSUMING ASSEMBLY AND METHOD OF OPERATING THE SAME	IDATECH, LLC	15/06/2007	KOLKATA
27	265018	2568/KOLNP /2008	13/12/2006	14/12/2005	METHOD AND APPARATUS FOR SENSORLESS POSITION CONTROL OF A PERMANENT MAGNET SYNCHRONOUS MOTOR (PMSM) DRIVE SYSTEM	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	30/01/2009	KOLKATA
28	265024	153/KOL/200 9	28/01/2009 15:48:51	06/02/2008	ADAPTIVE GAIN SCHEDULED CONTROL FOR CURRENT LIMITATION BASED ON VOLTAGE PERFORMANCE OF A FUEL CELL SYSTEM	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	07/08/2009	KOLKATA
29	265025	1844/KOLNP /2007	28/10/2005	29/10/2004	A N. MENINGITIDIS BACTERIUM, MENINGOCOCCAL VESICLE OBTAINED BY CULTURING SAID BACTERIUM AND PHARMACEUTICAL COMPOSITION COMPRISING SAID VESICLE	NOVARTIS VACCINES AND DIAGNOSTICS SRL	10/08/2007	KOLKATA
30	265026	5063/KOLNP /2007	20/06/2006	20/06/2005	PSMA ANTIBODY-DRUG CONJUGATES	PSMA DEVELOPMENT COMPANY, LLC.	18/07/2008	KOLKATA
31	265028	1838/KOLNP /2008	05/12/2006	13/12/2005	ANTI-IL 17 ANTIBODIES	ELI LILLY AND COMPANY	09/01/2009	KOLKATA
32	265029	2836/KOLNP /2007	27/01/2006	27/01/2005	ISOLATED HUMAN ANTI- INTERFERON GAMMA ANTIBODIES AND COMPOSITION COMPRISING THEM	NOVIMMUNE S.A.	07/09/2007	KOLKATA
33	265058	615/KOL/200 8	27/03/2008	20/04/2007	A POWER TRANSMISSION FOR AN AUTOMOBILE WITH FOUR PLANETARY GEAR SETS CONTROLLED BY FIVE TORQUE TRANSMITTING DEVICES TO PROVIDE MULTISPEED RATIOS	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	08/05/2009	KOLKATA
34	265059	1340/KOL/20 06	11/12/2006	27/01/2006	A MULTI-SPEED TRANSMISSION WITH A PLANETARY GEARSET AND A RAVIGNEAUX GEARSET	GM GLOBAL TECHNOLOGY OPERATIONS,INC	03/04/2009	KOLKATA

35	265061	646/KOL/200 8	31/03/2008	04/05/2007	A GAP BALANCER FOR POSITIONING A TORQUE SENSOR	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	08/05/2009	KOLKATA
36	265062	1213/KOLNP /2008	06/09/2006	20/09/2005	INJECTION NOZZLE HAVING HEATING ELEMENT AND HEAT ACCUMULATOR, AND METHOD FOR INTRODUCING AN OXIDIZABLE FLUID INTO AN EXHAUST SYSTEM UPSTREAM OF A CATALYTIC CONVERTER OR FILTER	EMCON TECHNOLOGIES GERMANY (AUGSBURG)GM BH	26/12/2008	KOLKATA
37	265063	4184/KOLNP /2007	19/04/2006	04/05/2005	FAT, WAX OR OIL-BASED FOOD INGREDIENT COMPRISING ENCAPSULATED FLAVORS	FIRMENICH SA	09/05/2008	KOLKATA
38	265064	4326/KOLNP /2007	12/05/2006	13/05/2005	ABSORBENT COMPOSITION MATERIAL AND METHOD FOR MANUFACTURING THE SAME	ASAHI KASEI CHEMICALS CORPORATION	28/03/2008	KOLKATA
39	265067	1928/KOL/20 08	03/11/2008 15:49:33	07/11/2007	METHOD FOR PREDICTING A SPEED OUTPUT OF A HYBRID POWERTRAIN SYSTEM	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	05/06/2009	KOLKATA
40	265068	9/KOL/2008	02/01/2008	25/01/2007	A STRADDLE-TYPE VEHICLE WITH IMPROVED CONTROLLABILITY	YAMAHA HATSUDOKI KABUSHIKI KAISHA	29/08/2008	KOLKATA
41	265071	407/KOLNP/ 2007	21/12/2004	13/07/2004	METHOD FOR PILOT OFFSET NUMBER MULTIPLEX PLANNING IN CDMA NETWORK	ZTE CORPORATION	06/07/2007	KOLKATA
42	265072	1819/KOLNP /2009	18/10/2007	19/10/2006	INDOLE COMPOUND	TAKEDA PHARMACEUTIC AL COMPANY LIMITED	12/06/2009	KOLKATA
43	265075	3102/KOLNP /2006	26/04/2005	26/04/2004	A SKIN-PROTECTING ALKALINITY-CONTROLLING COMPOSITION	CP KELCO APS	08/06/2007	KOLKATA
44	265076	2819/KOLNP /2008	05/01/2007	05/01/2006	PROCESS AND REACTOR FOR ANAEROBIC WASTE WATER PURIFICATION	VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT	30/01/2009	KOLKATA

CONTINUED TO PART- 1

CONTINUED FROM PART- 1

INTRODUCTION

In view of the recent amendment made in the Designs (Amendment) Rules, 2008 with effect from 17/06/2008, Publication of the matter relating to Designs is being published in the Official Journal of The Patent Office. This Journal is being published on weekly basis on every Friday covering the various proceedings on Designs as required according to the provisions of under Rule 22, 25, 27 and 39 of the Design (Amendment) Rules, 2008. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

THE DESIGNS ACT 2000 (SECTION 30) DESIGN ASSIGNMENT

The Design stands in the name of TERUMO KABUSHIKI KAISHA registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
230217	24-01	KARL STORZ GMBH & CO. KG OF, MITTELSTRABE 8, D-78532 TUTTLINGEN, GERMANY, A GERMAN COMPANY

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SL NO	REGISTERED DESIGN NUMBERS	RENEWED ON
1.	197347	30.01.2015
2.	197348	30.01.2015
3.	197600	30.01.2015
4.	197601	30.01.2015
5.	197602	30.01.2015
6.	197603	30.01.2015
7.	199437	30.01.2015
8.	199438	30.01.2015
9.	199439	30.01.2015
10.	256854	30.01.2015

REGISTRATION OF DESIGNS

The following designs have been registered. They are now open for public inspection. In the following each entry the Date of Registration is shown. The Priority Number, Priority Date and Priority Country are also shown

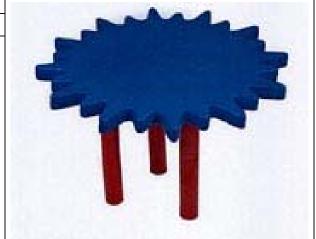
DESIGN NUMBER	263336	
CLASS	13-03	
INDIAN NATIONAL, TRADING AS REGISTERED PARTNERSHIP FIR OFFICE AT 205, BAJSON INDUSTRIAL ESTA	D 2) MRS. SUNITA R. GWALANI, PARTNERS- DOSSAN ENGINEERING COMPANY, A M IN INDIA, HAVING ITS REGISTERED ATE, 40, CHAKALA ROAD, ANDHERI (EAST), RASHTRA, INDIA, OF ABOVE ADDRESS	
DATE OF REGISTRATION	13/06/2014	
TITLE	SOCKET	
PRIORITY NA		
DESIGN NUMBER	262814	
CLASS	12-16	
UNDER THE COMPANIES ACT, 19	RS LIMITED, COMPANY INCORPORATED 56, HAVING ITS REGISTERED OFFICE AT ROAD, POTTIPATTI PLAZA, 1ST FLOOR, DIA	
DATE OF REGISTRATION	22/05/2014	
TITLE	BONNET FOR AGRICULTURAL VEHICLE	
PRIORITY NA		
DESIGN NUMBER	259452	
CLASS	14-03	
1)JAY USHIN LTD., OF GI-48, G.T.KARNAL ROAD, II	NDUSTRAIAL AREA, DELHI – 110033	
DATE OF REGISTRATION	17/01/2014	
TITLE	HANDS FREE SWITCHES FOR OPERATING MOBILES IN VEHICLES	
PRIORITY NA		A STATE OF THE STA

DESIGN NUMBER	259831	
CLASS	06-03	

1)OK PLAY INDIA LTD. AT

PLOT NO. 17-18 ROZ-KA-MEO INDUSTRIAL ESTATE, TEHSIL-NUH, DISTRICT – MEWAT, HARYANA-122103

DATE OF REGISTRATION	29/01/2014	
TITLE	TABLE	



PRIORITY NA

DESIGN NUMBER	262389	
CLASS	12-16	

1)MINDA INDUSTRIES LIMITED (SWITCH DIVISION), AN INDIAN COMPANY OF

VILL. NAWADA FATEPUR, P.O. SIKANDERPUR BADDA, MANESAR, DISTT. GURGAON, HARYANA-122004, INDIA

DATE OF REGISTRATION	06/05/2014	
TITLE	BLINKER WITH FLASHER	



PRIORITY NA

DESIGN NUMBER	260899		
CLASS	15-03		

1)NATIONAL AGRO INDUSTRIES, LINK ROAD, INDUSTRIAL AREA-A, OPP. TRANSPORT NAGAR, LUDHIANA-141003 AN INDIAN PARTNERSHIP FIRM WHOSE PARTNERS ARE:-

MANMOHAN SINGH, SUKH SOHAN SINGH, TEJDEEP SINGH, HARDEEP SINGH & GURPREET SINGH BEING INDIAN NATIONALS OF THE ABOVE ADDRESS

DATE OF REGISTRATION	11/03/2014		
TITLE	SEED PLANTING EQUIPMENT		



DESIGN NUMBER		261522	
CLASS	14-02		
1)ABB TECHNOLOGY AG, AFFOLTERNSTRASSE 44, ZURIO SWITZERLAND	CH, SWITZERLAND (CH-8050, NATIONALITY:	CONTROL DESCRIPTION OF THE PROPERTY OF THE PRO
DATE OF REGISTRATION	0	03/04/2014	
TITLE		OUNTING BASE FOR AN L CONTROL SYSTEM	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/270,553	22/10/2013	U.S.A.	
DESIGN NUMBER		259303	
CLASS		09-01	
ADDRESS IS PIROJSHANAGAR, EASTERN EX 400079, MAHARASHTRA, AN INDIA	AN COMPANY	•	AI-
DATE OF REGISTRATION	09/01/2014		
TITLE	BOTTLE		
PRIORITY NA			
DESIGN NUMBER		263340	
CLASS	07-02		
1)TTK PRESTIGE LIMITED, AN THE COMPANIES ACT 1956, HAV 11TH FLOOR, BRIGADE TOWER STATE OF KARNATAKA, INDIA	ING ITS PRINCIPAL	PLACE OF BUSINESS	AT
DATE OF REGISTRATION	1	3/06/2014	
TITLE	HANDLE(SET) F	OR PRESSURE COOKER	
PRIORITY NA	•		

DESIGN NUMBER		259833	
CLASS	06-03		
1)OK PLAY INDIA LTD. AT PLOT NO. 17-18 ROZ-KA-MEO IN MEWAT, HARYANA-122103	DUSTRIAL ESTATE,	TEHSIL-NUH, DISTRICT	
DATE OF REGISTRATION	29	9/01/2014	
TITLE	,	TABLE	
PRIORITY NA			
DESIGN NUMBER		261157	
CLASS		09-01	-
1)A V INTERNATIONAL LIMITED EXISTING UNDER THE LAWS OF RM 905, 9TH FLOOR, HILDER CE KOWLOON, HONGKONG	HONG KONG, WHO	SE ADDRESS IS	M D
DATE OF REGISTRATION	20	0/03/2014	
TITLE	E	BOTTLE	
PRIORITY NA			
DESIGN NUMBER		257187	
CLASS		24-02	
1)KONINKLIJKE PHILIPS N.V., A UNDER THE LAWS OF THE KINGI EINDHOVEN, WHOSE POST-OFFICE ADDRESS EINDHOVEN, THE NETHERLANDS	T		
DATE OF REGISTRATION	04/10/2013		
TITLE	DEFIBRILLATOR		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002225607-0001	23/04/2013	OHIM	

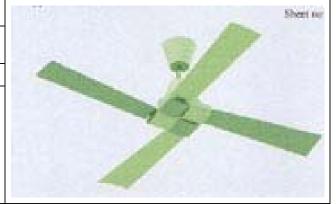
DESIGN NUMBER		261062	
CLASS		07-99	
1)MA DESIGN INDIA PRIVATE I INDIA HAVING ITS PRINCIPAL P A-41, SECTOR-80, PHASE-II, NO	LACE OF BUSINESS	AT	
DATE OF REGISTRATION	19	9/03/2014	Y
TITLE		TRAY	
PRIORITY NA			
DESIGN NUMBER		262167	
CLASS		14-02	
1)COSTABEBER, ETTORE, MAU 36010 ZANE' (VICENZA), VIA L			
DATE OF REGISTRATION	30)/04/2014	
TITLE	STEREOLITHO	OGRAPHY MACHINE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002374660-0001	20/12/2013	OHIM	
DESIGN NUMBER		259334	
CLASS		18-99	P
1) RAJEEV BHASKARAN. (INDIA AA-66, KAILASH INDUSTRIAL MUMBAI-400 079, MAHARASHTRA	COMPLEX, PARK SIT		
DATE OF REGISTRATION	10	0/01/2014	the state of the s
	COLD LAMINATION MACHINE		

DESIGN NUMBER	261934
CLASS	23-04

1)M/S V-GUARD INDUSTRIES LTD., AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT OF 1956 WHOSE ADDRESS IS

33/2905 F, VENNALA HIGH SCHOOL ROAD, VENNALA, KOCHI-682028, KERALA STATE, INDIA

DATE OF REGISTRATION	22/04/2014
TITLE	CEILING FAN



PRIORITY NA

DESIGN NUMBER	264159
CLASS	15-05

1)SAMSUNG ELECTRONICS CO., LTD.

129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742, REPUBLIC OF KOREA, A COMPANY OF REPUBLIC OF KOREA

DATE OF REGISTRATION	18/07/2014
TITLE	WASHING MACHINE

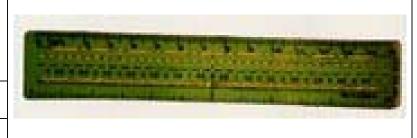


PRIORITY NA

DESIGN NUMBER	259146
CLASS	19-06
1)MARKANDEVAN SENTHIL KUMAR	

1)MARKANDEYAN SENTHIL KUMAR, OF 1/280 RAJARATHINAM NAGAR, SINGARATHOTTAM, VANDALUR, CHENNAI-600048, TAMIL NADU, INDIA, AN INDIAN NATIONAL

DATE OF REGISTRATION	30/12/2013
TITLE	STATIONERY EQUIPMENT
PRIORITY NA	



DESIGN NUMBER	262817	
CLASS	12-09	
UNDER THE COMPANIES ACT, 19	RS LIMITED, COMPANY INCORPORATED 56, HAVING ITS REGISTERED OFFICE AT ROAD, POTTIPATTI PLAZA, 1ST FLOOR, DIA	
DATE OF REGISTRATION	22/05/2014	
TITLE	TRACTOR	0
PRIORITY NA		
DESIGN NUMBER	259834	
CLASS	06-01	
1)OK PLAY INDIA LTD. AT PLOT NO. 17-18 ROZ-KA MEO IN – MEWAT, HARYANA-122103	DUSTRIAL ESTATE, TEHSIL –NUH, DISTRICT	
DATE OF REGISTRATION	29/01/2014	
TITLE	CHAIR	
PRIORITY NA		
DESIGN NUMBER	261158	
CLASS	09-01	<u></u>
EXISTING UNDER THE LAWS OF	D, A CORPORATION ORGANIZED AND HONG KONG, WHOSE ADDRESS IS ENTER NO. 2, SUNG PING STREET, HUNG HOM	
DATE OF REGISTRATION	20/03/2014	
TITLE	BOTTLE	△ ◆ <i>△</i>
PRIORITY NA		

DESIGN NUMBER	261386	
CLASS	03-01	
1)MA DESIGN INDIA PRIVATE L INDIA HAVING ITS PRINCIPAL PI A-41, SECTOR-80, PHASE-II, NOI		
DATE OF REGISTRATION	31/03/2014	
TITLE	JEWELLERY BOX	
PRIORITY NA		
DESIGN NUMBER	261063	
CLASS	07-99	-
1)MA DESIGN INDIA PRIVATE L INDIA HAVING ITS PRINCIPAL PI A-41, SECTOR-80, PHASE-II, NOI		
DATE OF REGISTRATION	19/03/2014	* - //
TITLE	TRAY	
PRIORITY NA		
DESIGN NUMBER	266186	
CLASS	05-05	
COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S REG SITUATED AT	E LIMITED, AN INDIAN PRIVATE LIMITED ER THE PROVISION OF THE COMPANIES GISTERED OFFICE AT RELIABLE HOUSE, UND, KANJURMARG (WEST), OPP. HUMA SHTRA, INDIA.	
DATE OF REGISTRATION 29/09/2014		1/4
TITLE	TEXTILE FABRIC	The state of the s
PRIORITY NA		H-/W

DESIGN NUMBER	261489	
CLASS	09-05	
BAGH WEST, NEAR MADIPUR MET	IHANT NAGAR JAIN COLONY, PUNJABI TRO STATION, NEW DELHI-110026, INDIA. RM WHOSE PROPRIETOR IS :-SH. ATUL JAIN. VE ADDRESS	
DATE OF REGISTRATION	02/04/2014	
TITLE	TUBE FOR ADHESIVE	
PRIORITY NA		
DESIGN NUMBER	261607	
CLASS	06-07	A Common of the
1)MA DESIGN INDIA PRIVATE LII INDIA HAVING ITS PRINCIPAL PLA A-41, SECTOR-80, PHASE-II, NOID		
DATE OF REGISTRATION	09/04/2014	
TITLE	PHOTO FRAME	
PRIORITY NA		
DESIGN NUMBER	260601	
CLASS	09-01	
OF DELAWARE, U.S.A. OF	PORATION FOUNDED UNDER THE LAWS I TRAIL, ORLANDO, FLORIDA 32837, USA	
DATE OF REGISTRATION	25/02/2014	
TITLE	BOTTLE	
PRIORITY NA		

DESIGN NUMBER	262082
CLASS	09-03

1)SHRI MAA DISTRIBUTIONS (INDIA) PVT. LTD. HAVING ADDRESS AT

1107, HEMKUNT HOUSE, 6 RAJENDRA PLACE, NEW DELHI-110008. NATIONALITY-A COMPANY INCORPORATED IN INDIA

DATE OF REGISTRATION	25/04/2014
TITLE	CASE FOR HOLDING CHOCOLATES



PRIORITY NA

DESIGN NUMBER	261910
CLASS	25-02

1)THE SUPREME INDUSTRIES LTD., (AN INDIAN PUBLIC LIMITED COMPANY),

601 CENTRAL PLAZA, 2/6, SARAT BOSE ROAD, KOLKATA - 700020, WEST BENGAL, INDIA

DATE OF REGISTRATION	22/04/2014
TITLE	MANHOLE



PRIORITY NA

DESIGN NUMBER	263405
CLASS	06-11

1)MR. MAHESH KUMAR CHOUDHARY AND MRS. BASU DEVI CHOUDHARY, BOTH INDIAN DIRECTORS, TRADING AS M/S SARASWATI GLOBAL PVT. LTD., AN INDIAN COMPANY OF

3, GANESH COLONY, BEHIND GOLIMAR GARDEN, AMER ROAD, JAIPUR-302002, RAJASTHAN, INDIA

DATE OF REGISTRATION	16/06/2014
TITLE	CARPET



DESIGN NUMBER	263748	
CLASS	12-16	Matrix.
1)MARCOPOLO S.A., OF BRAZ AT AVENIDA MARCOPOLO, N° 20 95086-200, BRAZIL	ZILIAN ADDRESS 80, CAXIAS DO SUL, RIO GRANDE DO SUL-CEP:	
DATE OF REGISTRATION	30/06/2014	
TITLE	DASHBOARD FOR BUS	
PRIORITY NA		
DESIGN NUMBER	257455	
CLASS	02-04	
1)M/S. AERO CLUB, OF THE A 867, JOSHI ROAD, KAROL BA		
DATE OF REGISTRATION	11/10/2013	A COMMON TO SERVICE OF THE PARTY OF THE PART
TITLE	FOOTWEAR	1
PRIORITY NA		
DESIGN NUMBER	261406	
CLASS	13-03	
1)LARSEN & TOUBRO LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956 OF L & T HOUSE, BALLARD ESTATE, MUMBAI 400 001, STATE OF MAHARASHTRA, INDIA		
DATE OF REGISTRATION	31/03/2014	
TITLE	CHANGEOVER SWITCH DISCONNECTOR	
PRIORITY NA		

DESIGN NUMBER		262280	
CLASS		24-01	
1)PIRAMAL ENTERPRISES LIN THE ADDRESS PIRAMAL TOWER, GANPATRA 400013, INDIA			
DATE OF REGISTRATION	0)2/05/2014	
TITLE		FOR ANALYSIS OF BL SAMPLES	OOD
PRIORITY NA			
DESIGN NUMBER		261118	
CLASS		08-06	
1)DILIPBHAI BACHUBHAI HIRPARA (INDIAN NATIONALS) AND SOLE PROPRIETOR OF JANKI DIE-CAST (INDIAN PROPRIETORSHIP CONCERN) HAVING PLACE OF BUSINESS AT-PLOT NO. 834, AJI INDUSTRIAL AREA, NR; SITARAM WAY BRIDGE, OPP: MUNICIPAL WORKSHOP, BHAVNAGAR ROAD, RAJKOT-GUJARAT (INDIA)			
DATE OF REGISTRATION	2	0/03/2014	
TITLE]	HANDLE	
PRIORITY NA			
DESIGN NUMBER		261708	
CLASS		13-03	
1)INTELLIGENT ENERGY LIM EXISTING UNDER THE LAWS O CHARNWOOD BUILDING, HO LOUGHBOROUGH, LEICESTERSE	F UNITED KINGDO M LYWELL PARK, ASHE	I, OF BY ROAD,	
DATE OF REGISTRATION	1	1/04/2014	
TITLE	USI	B ADAPTER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/469,662	11/10/2013 U.S.A.		

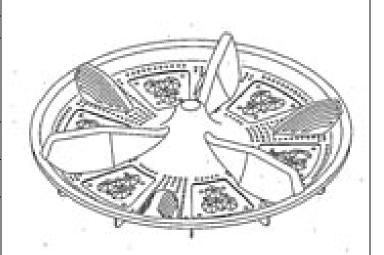
DESIGN NUMBER		261966	
CLASS	15-09		
1)SINTOKOGIO, LTD., A JAPANESE COMPANY OF 11-11, NISHIKI 1-CHOME, NAKA-KU, NAGOYA-SHI, AICHI 4600003, JAPAN			000
DATE OF REGISTRATION	23	3/04/2014	() [] [] [] []
TITLE	SIDE PLATES FOR	R SHOTBLAST MACHINE	3 (124/19/01)
PRIORITY			18/10/20
PRIORITY NUMBER	DATE	COUNTRY	
2013-028931	10/12/2013	JAPAN	• op
DESIGN NUMBER		263399	
CLASS		06-11	**************************************
3, GANESH COLONY, BEHIND (302002, RAJASTHAN, INDIA DATE OF REGISTRATION			
TITLE	CARPET		
PRIORITY NA) का दिखें का दिखें ते जा कि का कि का कि का कि
DESIGN NUMBER		261399	
CLASS		23-01	
1)DANFOSS A/S, A DANISH COM NORDBORGVEJ 81, DK-6430 NC		ζ	
DATE OF REGISTRATION	31/03/2014		
TITLE	SIGHT GLASS FOR REFRIGERATION VALVE		E
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002317990-0002	17990-0002 30/09/2013 OHIM		

DESIGN NUMBER	262010
CLASS	15-05

1)PANASONIC CORPORATION, A JAPANESE COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN,

OF 1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501, JAPAN

DATE OF REGISTRATION	25/04/2014
TITLE	PULSATOR FOR WASHING MACHINES



PRIORITY NA

DESIGN NUMBER	261894
CLASS	08-09

1)(1) NILESHBHAI ASHAR AND (2) ANJANABEN ASHAR BOTH INDIAN NATIONAL PARTNERS OF AJIT ENTERPRISE AN INDIAN PARTNERSHIP FIRM HAVING ITS PRINCIPAL PLACE OF BUSINESS AT PLOT NO. 4710, GIDC-III, OPP. SENOR METALS, DARED, JAMNAGAR-361 004, GUJARAT-INDIA

DATE OF REGISTRATION	21/04/2014
TITLE	GATE HOOK



PRIORITY NA

DESIGN NUMBER	263396
CLASS	06-11

1)MR. MAHESH KUMAR CHOUDHARY AND MRS. BASU DEVI CHOUDHARY, BOTH INDIAN DIRECTORS, TRADING AS M/S SARASWATI GLOBAL PVT. LTD., AN INDIAN COMPANY OF

3, GANESH COLONY, BEHIND GOLIMAR GARDEN, AMER ROAD, JAIPUR-302002, RAJASTHAN, INDIA

DATE OF REGISTRATION	16/06/2014
TITLE	CARPET



DESIGN NUMBER	263615	
CLASS	24-01	
RESEARCH EQUIPMENT HAVIN	INDIA). A THE PROPRIETOR OF SAGLO [®] IG ITS PRINCIPAL PLACE OF BUSINESS PP. OMKAR APARTMENT, SHANIWAR PETH, HARASHTRA, INDIA	
DATE OF REGISTRATION	24/06/2014	
TITLE	INTRAUTERINE CONTRACEPTIVE DEVICE	
PRIORITY NA		1
DESIGN NUMBER	263653	
CLASS	12-15	
1)M/S. JK TYRE & INDUSTRIES 7, COUNCIL HOUSE STREET, K	S LIMITED, OF KOLKATA-700001, INDIA, AN INDIAN COMPANY	
DATE OF REGISTRATION	24/06/2014	
TITLE	TYRE	
PRIORITY NA		
DESIGN NUMBER	263880	
CLASS	23-01	In Sec.
	UTCHIRAJUPALEM, NAD KOTHA ROAD, ADESH-530027, INDIA, AN INDIAN NATIONAL	8
DATE OF REGISTRATION	04/07/2014	
TITLE	FILTER FOR WATER BOTTLE	
PRIORITY NA		

DESIGN NUMBER			26394	1	
CLASS		08-08			
1)(1) JAGDISHBHAI C. LUNAG. (3) ALPESHBHAI K. LUNAGARI ALTEC HARDWARE AN INDIAN PRINCIPAL PLACE OF BUSINES 5-AJI VASAHAT, 80 FEET ROA INDIA	YA AL PART S AT A	L INDIAN NATIONERSHIP FIRM ADDRESS:	ONAL HAV	PARTNER OF TNG ITS	The Property of
DATE OF REGISTRATION		09	0/07/20)14	
TITLE		KEY	HAN	IGER	
PRIORITY NA	•				
DESIGN NUMBER			25577	9	
CLASS			23-01		
1)PENTAIR RESIDENTIAL FILTRATION, LLC, 5730 NORTH GLEN PARK ROAD, GLENDALE, WI 53209, U.S.A., NATIONALITY: U.S.A.					
DATE OF REGISTRATION		12/08/2013			
TITLE		VALVE HOUSING FOR A RESIDENTIAL FILTRATION UNIT			
PRIORITY					
PRIORITY NUMBER		DATE COUNT		COUNTRY	1
29/445,477	9/445,477				
DESIGN NUMBER		-	26139	8	
CLASS		23-01			
1)DANFOSS A/S, A DANISH CO NORDBORGVEJ 81, DK-6430 N					
DATE OF REGISTRATION		31/03/2014			
TITLE	SIG	SIGHT GLASS FOR REFRIGERATION VALVE		IGERATION VALVE	
PRIORITY	•				
PRIORITY NUMBER		DATE COUNTRY			
002317990-0001		30/09/2013 OHIM			

DESIGN NUMBER	261893	
CLASS	08-09	
NATIONAL PARTNERS OF AJIT E FIRM HAVING ITS PRINCIPAL PI	2) ANJANABEN ASHAR BOTH INDIAN NTERPRISE AN INDIAN PARTNERSHIP ACE OF BUSINESS AT ENOR METALS, DARED, JAMNAGAR-361 004,	6
DATE OF REGISTRATION	21/04/2014	6
TITLE	CAM BOLTS FOR LOCK THE DOOR	
PRIORITY NA		
DESIGN NUMBER	259836	
CLASS	06-01	
1)OK PLAY INDIA LTD. AT PLOT NO. 17-18 ROZ-KA-MEO IN - MEWAT, HARYANA-122103	NDUSTRIAL ESTATE, TEHSIL - NUH, DISTRICT	
DATE OF REGISTRATION	29/01/2014	
TITLE	STOOL	
PRIORITY NA		
DESIGN NUMBER	261077	
CLASS	06-07	
1)MA DESIGN INDIA PRIVATE I INDIA HAVING ITS PRINCIPAL PI A-41, SECTOR-80, PHASE-II, NOI		A CONTRACTOR OF THE PARTY OF TH
DATE OF REGISTRATION	19/03/2014	
TITLE	PHOTO FRAME	
PRIORITY NA		2325

DESIGN NUMBER	263	402	
CLASS	06-11		\$660 PK 1 860
1)MR. MAHESH KUMAR CHOUD BOTH INDIAN DIRECTORS, TRAD LTD., AN INDIAN COMPANY OF 3, GANESH COLONY, BEHIND G 302002, RAJASTHAN, INDIA	HARY AND MRS. BASU ING AS M/S SARASWA	J DEVI CHOUDHARY, TI GLOBAL PVT.	
DATE OF REGISTRATION	16/06	/2014	and the second state of the
TITLE	CAR	RPET	
PRIORITY NA			
DESIGN NUMBER	263	763	
CLASS	08	-06	1
1)KAPILBHAI BALVANTRAI VYAGOHEL BOTH INDIAN NATIONAL AN INDIAN PARTNERSHIP FIRM I BUSINESS AT ADDRESS: 6, PARSANA SOCIETY, 50 FEET I GUJARAT-INDIA DATE OF REGISTRATION TITLE PRIORITY NA	PARTNER OF RATNA HAVING ITS PRINCIPA ROAD, KOTHARIYA MA 30/06 HAN	PRABHA HARDWARE L PLACE OF AIN ROAD, RAJKOT-2. 5/2014 TDLE	
DESIGN NUMBER	263	896	
CLASS	09		
1)REXAM HEALTHCARE PACKAGING INC., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE AND HAVING A PLACE OF BUSINESS AT 800 CORPORATE GROVE DRIVE, BUFFALO GROVE, IL 60089, USA			
DATE OF REGISTRATION	04/07/2014		
TITLE	CONTAINER		
PRIORITY			
DDIODIEW MED COE	DATE	COUNTRY	1 0 1/2
PRIORITY NUMBER	DATE	COUNTRI	

DESIGN NUMBER		260663	
CLASS		08-06	
1)(1) SANJAYBHAI RAVJIBHAI I SAKHIYA (3) PRAVINBHAI VALJI ADULT & INDIAN NATIONAL) PA PARTNER SHIP FIRM) HAVING P AT: PARMESHWAR MAIN ROAL ROAD (SOUTH), RAJKOT-GUJARA	BHAI KAPADIYA (A RTNERS OF SHIV S LACE OF BUSINESS D, OP: JAYANT CAST	ALL THE PARTNERS ARE HAKTI METAL (INDIAN	
DATE OF REGISTRATION	2	8/02/2014	
TITLE	I	HANDLE	
PRIORITY NA			
DESIGN NUMBER		260306	
CLASS		24-02	-
1)RAHUL GUPTA, AN INDIAN CITIZEN, RESIDING AT HOUSE NO. 83, POCKET H-19, SECTOR-7, ROHINI, DELHI-110085, INDIA			00 S
DATE OF REGISTRATION	1	3/02/2014	The same of the sa
TITLE	TESTING STRIP FO	R MEDICAL DIAGNOSTICS	
PRIORITY NA			
DESIGN NUMBER		262918	
CLASS	24-02		\sim
1)HTL - STREFA SPÓLKA AKCYJNA, A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF POLAND HAVING PLACE OF BUSINESS AT ADAMÓWEK 7, PL 95-035 OZORKÓW., POLAND			
DATE OF REGISTRATION	27/05/2014		
TITLE	SKIN INCISION DEVICE		
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
002406678-0001	18/02/2014 OHIM		9

DESIGN NUMBER	261407	
CLASS	13-03	
UNDER THE COMPANIES ACT,	ED, AN INDIAN COMPANY INCORPORATED 1956 OF ATE, MUMBAI 400001, STATE OF	B. A.
DATE OF REGISTRATION	31/03/2014	
TITLE	CENTER OPERATED SWITCH DISCONNECTOR	
PRIORITY NA		
DESIGN NUMBER	261470	
CLASS	15-09	
1)ENDICO POWER TOOLS (IN 1276/1, STREET NO. 3, SHIML PROPRIETORSHIP FIRM	(DIA) APURI, LUDHIANA-3, (PB.), INDIA, A	
DATE OF REGISTRATION	02/04/2014	
TITLE	BEARING COVER FOR WOOD WORKING MACHINE	
PRIORITY NA		
DESIGN NUMBER	261709	
CLASS	09-01	4774
1)SHRI INDERMAL P. JAIN, BLUPLAST INDUSTRIES LTD ROAD, GOREGAON (EAST), MUN	., 113/114 VIVEK INDUSTRIAL ESTATE, USWALA MBAI-400063,	
DATE OF REGISTRATION	11/04/2014	
TITLE	FLASK	180.1
PRIORITY NA		UN

DESIGN NUMBER	260600	
CLASS	09-01	
OF DELAWARE, U.S.A. OF	M TRAIL, ORLANDO, FLORIDA 32837, USA	
DATE OF REGISTRATION	25/02/2014	
TITLE	BOTTLE	
PRIORITY NA		
DESIGN NUMBER	263564	
CLASS	09-01	6
1)KIRTI DAL MILLS LTD, A COM REGISTERED OFFICE AT 79-C, MARKET YARD LATUR-41 ABOVE ADDRESS		
DATE OF REGISTRATION	20/06/2014	(2) A
TITLE	BOTTLE	
PRIORITY NA		(Karrocca)
DESIGN NUMBER	262776	
CLASS	31-00	Name of Street, Street
1)PRADEEPKUMAR NANDLAL DHOOT, INDIAN NATIONAL OF GANGAPURWALA, 2275 ADAT BAZAR, AHMEDNAGAR-414001, MAHARASHTRA, INDIA.		
DATE OF REGISTRATION	21/05/2014	
TLE BASE OF MIXER GRINDER		
PRIORITY NA		

DESIGN NUMBER	261247
CLASS	09-01

1)EMAMI LIMITED, AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE AT

'EMAMI TOWER', 687 ANANDAPUR, EM BYPASS, KOLKATA 700 017, WEST BENGAL, INDIA.

DATE OF REGISTRATION	26/03/2014
TITLE	BOTTLE



PRIORITY NA

DESIGN NUMBER	261404
CLASS	13-03

1)LARSEN & TOUBRO LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956 OF

L & T HOUSE, BALLARD ESTATE, MUMBAI 400 001, STATE OF MAHARASHTRA, INDIA

TITLE ENCLOSURE FOR MOTOR CONTROL METERING PROTECTION RELAY	DATE OF REGISTRATION	31/03/2014
	TITLE	



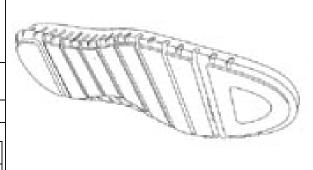
PRIORITY NA

DESIGN NUMBER	261705
CLASS	02-04

1)COLE HAAN LLC, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF USA, OF

45 WEST 18TH STREET, THIRD FLOOR, NEW YORK, NY 10011, UNITED STATES OF AMERICA

DATE OF REGISTRATION	11/04/2014		
TITLE	SHOE SOLE		
PRIORITY			
PRIORITY NUMBER		DATE	COUNTRY
29/469,728		14/10/2013	U.S.A.



DESIGN NUMBER	261766	
CLASS	15-05	. Se
PARTNERSHIP AS LOHASHILP	AND DAMODAR AVANOOR, TRADING IN AT ANNA-679 357, MALAPPURAM DISTRICT,	
DATE OF REGISTRATION	15/04/2014	AD AD
TITLE	AUTOMATIC RUBBER SHEETING MACHINE	
PRIORITY NA		
DESIGN NUMBER	263718	
CLASS	14-03	
1) AASHIQUEE IS A PROPRIET 107 CHANDER NAGAR, 1ST F	ORSHIP FIRM OF LOOR JANAKPURI, NEW DELHI-110058, INDIA	
DATE OF REGISTRATION	27/06/2014	
TITLE COMPUTER		
PRIORITY NA		
DESIGN NUMBER	262810	
CLASS	26-06	
UNDER THE COMPANIES ACT,	ORS LIMITED, COMPANY INCORPORATED 1956, HAVING ITS REGISTERED OFFICE AT H ROAD, POTTIPATTI PLAZA, 1ST FLOOR, NDIA	
DATE OF REGISTRATION 22/05/2014		
TITLE	REAR COMBINATION LAMP FOR AUTOMOBILE	
PRIORITY NA		

DESIGN NUMBER	261508	
CLASS	11-01	
ITS REGISTERED ADDRESS AT	ONAL PVT. LTD, A COMPANY MPANIES ACT 1956 IN INDIA AND HAVING RI EAST, MUMBAI-400096, MAHARASHTRA,	
DATE OF REGISTRATION	03/04/2014	APP
TITLE	PENDANT FOR NECKLACE	Control of the Contro
PRIORITY NA		
DESIGN NUMBER	261717	
CLASS	15-02	A North Park
1)KARNAL AGRI IMPEX PVT. LT PLOT NO. 262, SECTOR-3, HSIID		
DATE OF REGISTRATION		
TITLE		
PRIORITY NA		7
DESIGN NUMBER	261925	
CLASS		
ALL PARTNERS OF M/S NAYASA DULY REGISTERED UNDER THE AT	MANASI SACHDEV AND MR. RAVI CHAWLA MULTIPLAST A PARTNERSHIP CONCERN PARTNERSHIP ACT, 1932 HAVING ADDRESS B, VILLAGE VELA BATHRI, TAHASIL HAROLI, PRADESH	
DATE OF REGISTRATION		
TITLE	BOTTLE	and the second
PRIORITY NA		

DESIGN NUMBER	263832	
CLASS	08-07	
1)GODREJ & BOYCE MFG. CO. 1 LOCKS DIVISION (PLANT-18), F 400079, MAHARASHTRA, INDIA, IN	PIROJSHANAGAR, VIKHROLI, MUMBAI -	
DATE OF REGISTRATION	02/07/2014	Gineral and a second
TITLE	PADLOCK	1 myhock
PRIORITY NA		
DESIGN NUMBER	261315	
CLASS	25-02	A.
1)GUNJAL VIJAY SHIVAJIRAO,		a Par
AMBIKANAGAR, KOTAMGAON NASHIK, STATE-MAHARASHTRA,	N ROAD, A/P-LASALGAON, TAL-NIPHAD, DIST- INDIA, PIN-422306, INDIAN	
AMBIKANAGAR, KOTAMGAON	N ROAD, A/P-LASALGAON, TAL-NIPHAD, DIST-	
AMBIKANAGAR, KOTAMGAON NASHIK, STATE-MAHARASHTRA,	N ROAD, A/P-LASALGAON, TAL-NIPHAD, DIST- INDIA, PIN-422306, INDIAN	
AMBIKANAGAR, KOTAMGAON NASHIK, STATE-MAHARASHTRA, DATE OF REGISTRATION	N ROAD, A/P-LASALGAON, TAL-NIPHAD, DIST- INDIA, PIN-422306, INDIAN 28/03/2014	
AMBIKANAGAR, KOTAMGAON NASHIK, STATE-MAHARASHTRA, DATE OF REGISTRATION TITLE PRIORITY NA	N ROAD, A/P-LASALGAON, TAL-NIPHAD, DIST- INDIA, PIN-422306, INDIAN 28/03/2014	
AMBIKANAGAR, KOTAMGAON NASHIK, STATE-MAHARASHTRA, DATE OF REGISTRATION TITLE	N ROAD, A/P-LASALGAON, TAL-NIPHAD, DIST-INDIA, PIN-422306, INDIAN 28/03/2014 PREFABRICATED BEAM FRAME	
AMBIKANAGAR, KOTAMGAON NASHIK, STATE-MAHARASHTRA, DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)DART INDUSTRIES INC., A COOF DELAWARE, U.S.A. OF	N ROAD, A/P-LASALGAON, TAL-NIPHAD, DIST-INDIA, PIN-422306, INDIAN 28/03/2014 PREFABRICATED BEAM FRAME 260602	
AMBIKANAGAR, KOTAMGAON NASHIK, STATE-MAHARASHTRA, DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)DART INDUSTRIES INC., A COOF DELAWARE, U.S.A. OF	N ROAD, A/P-LASALGAON, TAL-NIPHAD, DIST-INDIA, PIN-422306, INDIAN 28/03/2014 PREFABRICATED BEAM FRAME 260602 09-01 DRPORATION FOUNDED UNDER THE LAWS	

PRIORITY NA

DEDGRECTIVE VIEW

DESIGN NUMBER	261490
CLASS	09-05

1)FIXWELL INDUSTRIES, 167, ARIHANT NAGAR JAIN COLONY, PUNJABI BAGH WEST, NEAR MADIPUR METRO STATION, NEW DELHI-110026, INDIA.

(AN INDIAN PROPRIETORSHIP FIRM WHOSE PROPRIETOR IS :-SH. ATUL JAIN. AN INDIAN NATIONAL OF THE ABOVE ADDRESS

DATE OF REGISTRATION	02/04/2014	
TITLE	TUBE FOR ADHESIVE	



PRIORITY NA

DESIGN NUMBER	263404	
CLASS	06-11	

1)MR. MAHESH KUMAR CHOUDHARY AND MRS. BASU DEVI CHOUDHARY, BOTH INDIAN DIRECTORS, TRADING AS M/S SARASWATI GLOBAL PVT. LTD., AN INDIAN COMPANY OF

3, GANESH COLONY, BEHIND GOLIMAR GARDEN, AMER ROAD, JAIPUR-302002, RAJASTHAN, INDIA

DATE OF REGISTRATION	16/06/2014	
TITLE	CARPET	

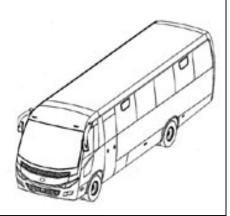


PRIORITY NA

DESIGN NUMBER	263747	
CLASS	12-08	
1)MARCOPOLO S.A., NATIONALITY: BRAZILIAN ADDRESS AT		

AVENIDA MARCOPOLO, Nº 280, CAXIAS DO SUL, RIO GRANDE DO SUL-CEP: 95086-200 BRAZIL

DATE OF REGISTRATION	30/06/2014	
TITLE	BUS BODY	



DESIGN NUMBER	257434	
CLASS	02-04	Water and the state of the same
1)M/S. AERO CLUB, OF THE ADD 867, JOSHI ROAD, KAROL BAGH		1
DATE OF REGISTRATION	11/10/2013	
TITLE	FOOTWEAR	
PRIORITY NA		
DESIGN NUMBER	262777	
CLASS	31-00	CHIE
1)PRADEEPKUMAR NANDLAL D GANGAPURWALA, 2275 ADAT BAZAR, AHMEDNAC	HOOT, INDIAN NATIONAL OF GAR-414001, MAHARASHTRA, INDIA.	
DATE OF REGISTRATION 21/05/2014		
TITLE		
PRIORITY NA		
DESIGN NUMBER	261271	
CLASS 26-05		
1)MA DESIGN INDIA PRIVATE L INDIA HAVING ITS PRINCIPAL PI A-41, SECTOR-80, PHASE-II, NOI		
DATE OF REGISTRATION 27/03/2014		I
TITLE TABLE LAMP		a la
PRIORITY NA		

DESIGN NUMBER		261405	
CLASS		13-03	
1)LARSEN & TOUBRO LIMITED UNDER THE COMPANIES ACT, 1 L & T HOUSE, BALLARD ESTA MAHARASHTRA, INDIA	956 OF		9
DATE OF REGISTRATION	31	1/03/2014	
TITLE	SWITCH I	DISCONNECTOR	
PRIORITY NA			
DESIGN NUMBER		261706	
CLASS		02-04	
1)COLE HAAN LLC, A CORPORTHE LAWS OF USA, OF 45 WEST 18TH STREET, THIRD STATES OF AMERICA			
DATE OF REGISTRATION		1/04/2014	
TITLE	SOLE FO	OR FOOTWEAR	
PRIORITY PRIORITY NUMBER	DATE	COUNTRY	
29/469,730	14/10/2013	U.S.A.	
DESIGN NUMBER			
CLASS		15-09	
1)SINTOKOGIO, LTD., A JAPAN 11-11, NISHIKI 1-CHOME, NAK	000		
DATE OF REGISTRATION	23	3/04/2014	(CR E
TITLE	SIDE PLATES FOR SHOTBLAST MACHINE		1 (B. M.)
PRIORITY			6/1/1-21/19
PRIORITY NUMBER	DATE	COUNTRY	
2013-028930	10/12/2013	JAPAN	0 0

DESIGN NUMBER		262815	
CLASS	12-16		
1)TAFE MOTORS AND TRACTOUNDER THE COMPANIES ACT, NO. 77, NUNGAMBAKAM HIG CHENNAI-600034, TAMILNADU, I DATE OF REGISTRATION TITLE	1956, HAVING ITS R H ROAD, POTTIPAT NDIA	EGISTERED OFFICE AT	
PRIORITY NA			
DESIGN NUMBER		259461	
CLASS		15-09	
LIMITED COMPANY HAVING PLACE OF BUSINESS AT SUITE 4E, LEVEL 4, 166 KEIRA STREET, WOLLONGONG NSW 2500, AUSTRALIA DATE OF REGISTRATION 17/01/2014		E Sagarana	
TITLE	M	ILLING DISC	Transpill
PRIORITY	2.2		attituding.
PRIORITY NUMBER	DATE	COUNTRY	
13470/2013	22/07/2013	AUSTRALIA	
DESIGN NUMBER		259832	
CLASS		06-03	-
1)OK PLAY INDIA LTD. AT PLOT NO. 17-18 ROZ-KA-MEO MEWAT, HARYANA-122103	INDUSTRIAL ESTAT	E, TEHSIL-NUH, DISTRICT -	
DATE OF REGISTRATION		29/01/2014	1
TITLE		TABLE	
PRIORITY NA	•		

DESIGN NUMBER	260210
CLASS	24-02

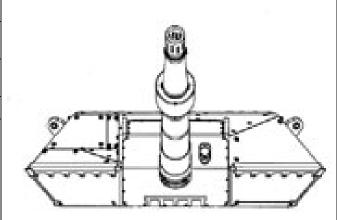
1)RAHUL GUPTA, AN INDIAN CITIZEN, RESIDING AT HOUSE NO. 83, POCKET H-19, SECTOR-7, ROHINI, DELHI-110085, INDIA

DATE OF REGISTRATION	07/02/2014
TITLE	TESTING STRIP FOR MEDICAL DIAGNOSTICS



PRIORITY NA

DESIGN NUMBER	259319	
CLASS	12-13	
1)OTO MELARA SPA, OF VIA VALDILOCCHI 15, LA SPEZIA, I-19136, ITALY		
DATE OF REGISTRATION	10/01/2014	
TITLE	TURRET FOR A COMBACT VEHICLE	



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002271981	10/07/2013	OHIM

DESIGN NUMBER	263991	
CLASS	02-04	

1)AURA INTERNATIONAL, AN INDIAN PARTNERSHIP FIRM, WHOSE PARTNERS ARE SUMANT KAKARIA, GOURAV CHOPRA AND BRIJ CHOPRA, HAVING ADDRESS AT

B-57, PHASE-1, MAYAPURI, INDUSTRIAL AREA, DELHI-110064, INDIA

DATE OF REGISTRATION	11/07/2014	
TITLE	PAIR OF FOOTWEAR	



DESIGN NUMBER		262812	
CLASS	26-06		
1)TAFE MOTORS AND TRACTOR UNDER THE COMPANIES ACT, 19 NO. 77, NUNGAMBAKAM HIGH CHENNAI-600034, TAMILNADU, INI	56, HAVING ITS RE (ROAD, POTTIPATTI	GISTERED OFFICE AT	
DATE OF REGISTRATION	22	2/05/2014	
TITLE		INATION LAMP FOR COMOBILE	
PRIORITY NA			
DESIGN NUMBER		259400	
CLASS		25-02	4
1)MASONITE CORPORATION, ONE TAMPA CITY CENTER, 201 FLORIDA 33602, CORPORATION OF		ET, SUITE 300 TAMPA,	
DATE OF REGISTRATION	15	5/01/2014	11300
TITLE	DOOR FACING		41 10
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/460778	15/07/2013	U.S.A.	
DESIGN NUMBER		261356	
CLASS		13-03	
1)LARSEN & TOUBRO LIMITED, UNDER THE COMPANIES ACT, 19 L & T HOUSE, BALLARD ESTAT MAHARASHTRA, INDIA	56 OF		
DATE OF REGISTRATION	28/03/2014		
TITLE	FINAL DISTRIBUTION BOARDS		
PRIORITY NA			

DESIGN NUMBER	263330	
CLASS	23-04	
	APANESE COMPANY OF THE ADDRESS: 2 NAKAZAKI-NISHI 2-CHOME, KITA-KU,	
DATE OF REGISTRATION	13/06/2014	
TITLE	AIR CONDITIONER	
PRIORITY NA		~
DESIGN NUMBER	263495	
CLASS	13-03	
	NAGAR, OPP: SHIV MANDIR, CHEMBUR WEST, INDIA, BOTH OF INDIAN NATIONALITY 19/06/2014	L.
	· · · · · · · · · · · · · · · · · · ·	
TITLE	MODULAR SWITCH BOX	
PRIORITY NA		
DESIGN NUMBER	263639	
CLASS	12-15	
DHAM MANDIR, MEERUT ROAD,	LTD., VILLAGE-MORTA, OPPMANAN GHAZIABAD, U.P., (INDIA). REGISTERED UNDER THE COMPANIES ACT,	
DATE OF REGISTRATION	24/06/2014	
TITLE	CYCLE TYRE	
PRIORITY NA		

DESIGN NUMBER	262809	
CLASS	12-16	
UNDER THE COMPANIES ACT,	ORS LIMITED, COMPANY INCORPORATED 1956, HAVING ITS REGISTERED OFFICE AT 6H ROAD, POTTIPATTI PLAZA, 1ST FLOOR, INDIA	
DATE OF REGISTRATION	22/05/2014	-
TITLE	FENDER FOR AGRICULTURAL VEHICLE	
PRIORITY NA		
DESIGN NUMBER	259760	
CLASS	13-02	
UNITED KINGDOM, HAVING TO NEW ROAD, HIGHLEY, BRIDG KINGDOM	GNORTH, SHROPSHIRE, WV16 6NN, UNITED	
DATE OF REGISTRATION	28/01/2014	
TITLE	TRANSFORMER	
PRIORITY NA		
DESIGN NUMBER	261716	
CLASS	15-03	
1)KARNAL AGRI IMPEX PVT. PLOT NO. 262, SECTOR-3, HSI	LTD., IDC, KARNAL-132001, HARYANA	13153
DATE OF REGISTRATION	15/04/2014	
TITLE	HARROW	
PRIORITY NA		And Street, or other Persons

DESIGN NUMBER	261924
CLASS	09-01

1)MR. SACHIN SACHDEV, MRS. MANASI SACHDEV AND MR. RAVI CHAWLA ALL PARTNERS OF M/S NAYASA MULTIPLAST A PARTNERSHIP CONCERN DULY REGISTERED UNDER THE PARTNERSHIP ACT, 1932 HAVING ADDRESS AT

PLOT NOS. 225, 225, 227 AND 228, VILLAGE VELA BATHRI, TAHASIL HAROLI, DISTRICT UNA-732141, HIMACHAL PRADESH

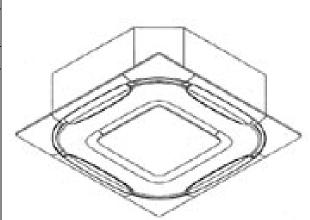
DATE OF REGISTRATION	22/04/2014	
TITLE	BOTTLE	



PRIORITY NA

DESIGN NUMBER	263328		
CLASS	23-04		
1)DAIKIN INDUSTRIES LTD., A JAPANESE COMPANY OF THE			
ADDRESS:			
UMEDA CENTER BUILDING, 4-12 NAKAZAKI-NISHI 2-CHOME,			
KITA-KU OSAKA-SHI OSAKA-FU IAPAN			

· ·	
DATE OF REGISTRATION	13/06/2014
TITLE	AIR CONDITIONER



PRIORITY NA

DESIGN NUMBER	263138
CLASS	06-05

1)GODREJ & BOYCE MFG. CO. LTD., AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1913, OF GODREJ INTERIO, PLANT 4, PIROJSHANAGER, VIKHROLI (WEST), MUMBAI-400079, INDIA

DATE OF REGISTRATION	05/06/2014
TITLE	COMBINED WORK DESK



DESIGN NUMBER		263834	
CLASS	08-07		2000
1)GODREJ & BOYCE MFG. CO. I LOCKS DIVISION (PLANT-18), PI 400079, MAHARASHTRA, INDIA, IN	ROJSHANAGAR, VI	KHROLI, MUMBAI -	
DATE OF REGISTRATION	02	2/07/2014	
TITLE	P	ADLOCK	
PRIORITY NA			
DESIGN NUMBER		264777	
CLASS		09-03	
1)KELLOGG COMPANY, A DELA ONE KELLOGG SQUARE, PO BO			JSA
DATE OF REGISTRATION	14/08/2014		
TITLE	CONTAINER		
PRIORITY NA			
DESIGN NUMBER	260840		
CLASS	15-99		
1)SANDVIK INTELLECTUAL PRO SE-811 81 SANDVIKEN, SWEDEN		ANY	
DATE OF REGISTRATION	07/03/2014		
TITLE	CRUSHER		相一相
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
001384291-0001	20/09/2013 OHIM		
	· · · · · · · · · · · · · · · · · · ·	•	

DESIGN NUMBER	261922		
CLASS	09-03		
1)MR. SACHIN SACHDEV, MRS. 1 ALL PARTNERS OF M/S NAYASA 2 DULY REGISTERED UNDER THE AT PLOT NOS. 225, 225, 227 AND 228 DISTRICT UNA-732141, HIMACHAL	MULTIPLAST A PA PARTNERSHIP AC 3, VILLAGE VELA B.	RTNERSHIP CONCER! F, 1932 HAVING ADDRI	N ESS
DATE OF REGISTRATION	2	2/04/2014	
TITLE	LU	NCH BOX	
PRIORITY NA			
DESIGN NUMBER		261181	
CLASS		09-01	Sheet No. UI
1)HORS LIMITED, A COMPANY LAWS OF CYPRUS OF NIKOU PATTICHI, 26, P.C. 3071, 1			R
DATE OF REGISTRATION	21/03/2014		
TITLE	JAR		
PRIORITY NA			
DESIGN NUMBER		261397	
CLASS	13-03		
1)DANFOSS A/S, A DANISH COM NORDBORGVEJ 81, DK-6430 NO		K	
DATE OF REGISTRATION	31/03/2014		
TITLE	ELECTRICAL CONNECTOR FOR REFRIGERATION VALVE		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002317677-0001	30/09/2013	OHIM	

DESIGN NUMBER	261431		
CLASS	13-99		~~ ~~
1)ABB INDIA LIMITED, HAVING 2ND FLOOR, EAST WING, KHAN BANGALORE 560001, KARNATAKA	IJJA BHAVAN, 49, RA	CE COURSE ROAD,	
DATE OF REGISTRATION	01	/04/2014	
TITLE	SWITO	CH MODULE	
PRIORITY NA			O Samuel De
DESIGN NUMBER		261700	
CLASS		20-02	
1)SOREMARTEC S.A., A LUXEM FINDEL BUSINESS CENTER, CO (LUXEMBOURG)			
DATE OF REGISTRATION	11	/04/2014	Ma
TITLE	DEVICE FOR DISPLAY OF ARTICLES		
PRIORITY			Ha
PRIORITY NUMBER	DATE COUNTRY		
767596401	11/10/2013 WIPO		
DESIGN NUMBER	UMBER 263494		
CLASS	13-03		
1)SIYAA INDUSTRIES, PARASNA NO. 4, OWALI VILLAGE, TALUKA INDIA, AN INDIAN PARTNERSHIP DAMODAR NARANG (2) SUNIL DA NAVJEEVAN SOCIETY, VIJAY N MUMBAI-400074, MAHARASHTRA,	BHIWANDI, DIST. T FIRM, WHOSE PAR MODAR NARANG, IAGAR, OPP: SHIV M	THANE, MAHARASHTE TTNERS ARE (1) ANIL RESIDENT OF ANDIR, CHEMBUR WES	
DATE OF REGISTRATION	19	0/06/2014	
TITLE	MODULAR SWITCH BOX		

DESIGN NUMBER	263142
CLASS	06-05

1)GODREJ & BOYCE MFG. CO. LTD., AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1913, OF

GODREJ INTERIO, PLANT 4, PIROJSHANAGER, VIKHROLI (WEST), MUMBAI-400079, INDIA

DATE OF REGISTRATION	05/06/2014	
TITLE	MEETING DESK	



PRIORITY NA

DESIGN NUMBER	264131
CLASS	31-00

1)BAJAJ ELECTRICALS LIMITED, A COMPANY REGISTERED IN INDIA, HAVING ITS REGISTERED OFFICE AT,

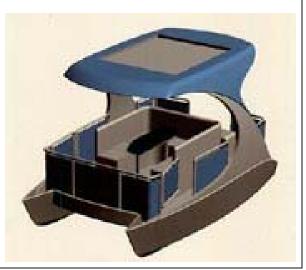
45/47, VEER NARIMAN ROAD, MUMBAI 400023, STATE OF MAHARASHTRA, INDIA, OF ABOVE ADDRESS

DATE OF REGISTRATION	18/07/2014
TITLE	BASE OF MIXER GRINDER



DESIGN NUMBER	263835	
CLASS	12-06	
1)YUGA DESIGN, NO. 68/13, NEHRU, 4TH STREET, KUMARAN NAGAR, PADI, CHENNAI-600050, INDIA, AN INDIAN COMPANY		
DATE OF REGISTRATION 02/07/2014		
TITLE	CATAMARAN	





DESIGN NUMBER	262808	
CLASS	12-16	
UNDER THE COMPANIES ACT, NO. 77, NUNGAMBAKAM HIG CHENNAI-600034, TAMILNADU, I		
DATE OF REGISTRATION	22/05/2014	
TITLE	INSTRUMENT PANEL FOR AUTOMOBILE	
PRIORITY NA		
DESIGN NUMBER	260844	
CLASS	15-07	6.15
	, A LIMITED LIABILITY PARTNERSHIP, AT E-411 029, MAHARASHTRA, INDIA.	715
DATE OF REGISTRATION	07/03/2014	
TITLE	LIGHTING BULB FOR REFRIGERATOR	
PRIORITY NA		
DESIGN NUMBER	261715	
CLASS	15-03	1
1)RAJPAL AGRICULTURAL M. PLOT NO. 182, SECTOR-3, HSII	ACHINERY PVT. LTD. DC, KARNAL-132001, HARYANA	
DATE OF REGISTRATION	15/04/2014	
TITLE	PLOUGH	
PRIORITY NA		

DESIGN NUMBER	259835	
CLASS	06-03	
1)OK PLAY INDIA LTD. AT PLOT NO. 17-18 ROZ-KA-MEO IN MEWAT, HARYANA-122103	IDUSTRIAL ESTATE, TEHSIL-NUH, DISTRICT -	
DATE OF REGISTRATION	29/01/2014	
TITLE	CHAIR	
PRIORITY NA		111
DESIGN NUMBER	261064	
CLASS	07-99	
1)MA DESIGN INDIA PRIVATE L INDIA HAVING ITS PRINCIPAL PI A-41, SECTOR-80, PHASE-II, NOI		
DATE OF REGISTRATION	19/03/2014	
TITLE	TRAY	-
PRIORITY NA		W.
DESIGN NUMBER	261886	
CLASS	13-02	A
143001, PUNJAB, INDIA.	USTRIES, 358, FOCAL POINT, AMRITSAR- FIRM WHOSE PROPRIETOR IS :-SH. GURJEET THE ABOVE ADDRESS	
DATE OF REGISTRATION	21/04/2014	
TITLE	BALL TYPE VALVE FOR USE IN BATTERY	
PRIORITY NA		

DESIGN NUMBER		263332	
CLASS	23-04		
1)DAIKIN INDUSTRIES LTD., A J UMEDA CENTER BUILDING, 4-1 OSAKA-SHI, OSAKA-FU, JAPAN			
DATE OF REGISTRATION	1:	3/06/2014	
TITLE	AIR C	ONDITIONER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
CN201430024218.1	29/01/2014	CHINA	
DESIGN NUMBER		263990	
CLASS		02-04	a grand Ha
HAVING ADDRESS AT	RI, INDUSTRIAL AREA, DELHI-110064, INDIA 11/07/2014		
DATE OF REGISTRATION	11/07/2014		333
TITLE	SOLE FO	OR FOOTWEAR	343
PRIORITY NA			
DESIGN NUMBER		262811	
CLASS		26-06	
1)TAFE MOTORS AND TRACTOI UNDER THE COMPANIES ACT, 19 NO. 77, NUNGAMBAKAM HIGH CHENNAI-600034, TAMILNADU, INI	56, HAVING ITS RE ROAD, POTTIPATTI	GISTERED OFFICE AT	
DATE OF REGISTRATION	22	2/05/2014	
TITLE		INATION LAMP FOR FOMOBILE	
PRIORITY NA]

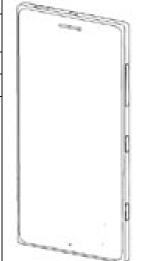
DESIGN NUMBER 261327	
CLASS 14-02	

1)NOKIA CORPORATION, A FINNISH CORPORATION, OF THE ADDRESS KEILALAHDENTIE 4, ESPOO, FINLAND 02150

DATE OF REGISTRATION	28/03/2014	
TITLE	HANDSET	



THOM:		
PRIORITY NUMBER	DATE	COUNTRY
29/468846	03/10/2013	U.S.A.

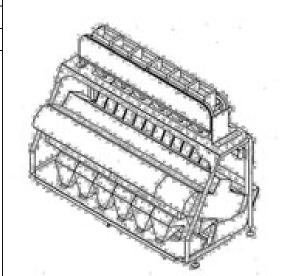


DESIGN NUMBER	261513	
CLASS	31-00	

1)BUHLER SORTEX LTD A COMPANY INCORPORATED UNDER THE LAWS OF THE UNITED KINGDOM, HAVING ITS REGISTERED OFFICE AT

20 ATLANTIS AVENUE, LONDON, E16 2BF, UNITED KINGDOM

DATE OF REGISTRATION	03/04/2014
TITLE	SORTING MACHINE



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
4031953	03/10/2013	U.K.

DESIGN NUMBER	262813	
CLASS	26-06	

1)TAFE MOTORS AND TRACTORS LIMITED, COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956, HAVING ITS REGISTERED OFFICE AT

NO. 77, NUNGAMBAKAM HIGH ROAD, POTTIPATTI PLAZA, 1ST FLOOR, CHENNAI-600034, TAMILNADU, INDIA

DATE OF REGISTRATION	22/05/2014	
TITLE	FRONT COMBINATION LAMP FOR AUTOMOBILE	
PRIORITY NA		



DESIGN NUMBER	259802	
CLASS	23-01	
PRINCIPAL PLACE OF BUSINESS INDUSTRIAL AREA, OPP. VIKAS O KOTHARIYA, RAJKOT, GUJARAT		
DATE OF REGISTRATION	29/01/2014	
TITLE	PIPE OUTLET USE IN SUBMERSIBLE PUMP	
PRIORITY NA		
DESIGN NUMBER	259195	
CLASS	12-16	
1)M/S STEELBIRD HI-TECH IND: B2B/17, JANAK PURI, NEAR MET	IA LIMITED OF FRO PILLAR-540, NEW DELHI- 110058	
DATE OF REGISTRATION	03/01/2014	
TITLE	SIDE BOX FOR MOTOR CYCLE	
PRIORITY NA		
DESIGN NUMBER	263833	
CLASS	08-07	OH CO
1)GODREJ & BOYCE MFG. CO. I LOCKS DIVISION (PLANT-18), P 400079, MAHARASHTRA, INDIA, IN	IROJSHANAGAR, VIKHROLI, MUMBAI -	
DATE OF REGISTRATION	02/07/2014	200
TITLE	PADLOCK	
PRIORITY NA		

DESIGN NUMBER	262108
CLASS	31-00

1)MR. NIMESH G. CHHEDA, PROPRIETOR-INDIAN NATIONAL, TRADING AS COOKWELL DOMESTIC APPLIANCES, HAVING ITS REGISTERED OFFICE AT 213, SHELAR COMPOUND, SUBHASH NAGAR, VILLAGE ROAD, NAHUR

(WEST), BHANDUP, MUMBAI 400078, STATE OF MAHARASHTRA, INDIA, OF ABOVE ADDRESS

DATE OF REGISTRATION28/04/2014TITLEFLOUR GRINDING MACHINE



PRIORITY NA

002334151

DESIGN NUMBER	261919	
CLASS	07-02	
1)LA TERMOPLASTIC F.B.M. S.R.L., A COMPANY ORGANIZED UNDER LAW OF THE ITALIAN REPUBLIC OF VIA DEL TORNAGO Z.I21010 ARSAGO SEPRIO, (VA), ITALY		

DATE OF REGISTRATION	22/04/2014			
TITLE	COOKWARE HANDLE			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		

28/10/2013

OHIM

